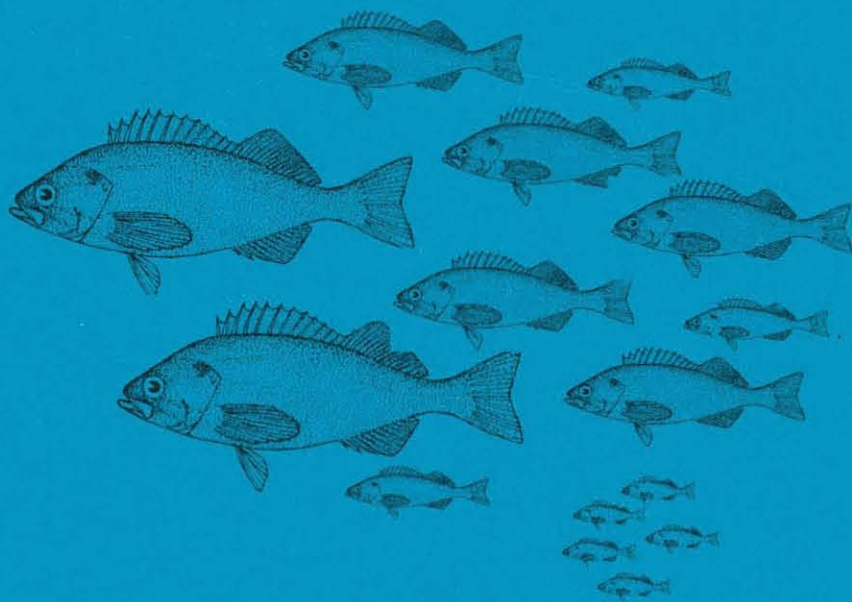


MARINE PROGRAM DATA SERIES REPORT



FISH DIVISION
Oregon Department of Fish and Wildlife

Species composition of Rockfish in Catches
by Oregon Trawlers, 1963-93

Species Composition of Rockfish in Catches
by Oregon Trawlers, 1963-93

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ABSTRACT

This report provides rockfish landings (weight in metric tons) based upon species composition samples taken from commercial trawl landings in Oregon. Rockfish (Family *Scorpaenidae*) are an important segment of Oregon trawl landings. For over 30 years, the Oregon Department of Fish and Wildlife (ODFW), Marine Finfish Program, previously known as Fish Commission of Oregon (FCO) has collected systematic observations (species composition samples) on trawl-caught rockfish landed in Oregon. From these data and for the years 1963-93, we have summarized weight of rockfish landed in metric tons (mt) by species category, individual species, year, PMFC area, and four depth strata. This report is an extended version of Information Reports by Niska (1976) for the years 1963-71 and by Barss and Niska (1978) for the years 1963-77.

INTRODUCTION

In a multi-species fishery, data on rockfish (family *Scorpaenidae*) species composition in time, location, and quantity are basic to the understanding and management of this fishery. Rockfish landed by the Oregon trawl fishery were historically categorized and reported by ODFW in two groups: "Pacific ocean perch" (POP) and "other rockfish." Numerous species of *Sebastes* and two species from the genus *Sebastolobus* occurred in both groups. A list of the common and scientific names for the species of *Scorpaenidae* included in this report is provided in **Appendix A**.

Sampling Oregon commercial trawl landings for rockfish species composition began in 1962 with the sampling of POP, landing category 413, and "other rockfish," landing category 410. These two groups constituted the main components of landed rockfish until 1979. At that time, mid-water trawl fishing produced large Oregon landings of widow rockfish, *S. entomelas*, and a new landing category (431) was created for widow rockfish. In 1984, a "thornyhead rockfish" landing category (468) was added. In 1985, three more landing categories were added to our sampling program: yellowtail rockfish (433), widow rockfish - bottom trawl (431), and small rock (406). These six species groups remained the primary rockfish sampling categories through 1993.

In this report, we have summarized our estimate of actual Oregon rockfish landings for the sampling period 1963-93 by PMFC areas (Figure 1) and depth strata.

Brief History of the Trawl Fishery off Oregon

Starting in 1884, several unsuccessful attempts were made to conduct a trawl fishery off Oregon. The European beam trawl was the first one used off Oregon. The fishery expanded in 1926 when the diesel engine became available, and the otter trawl was first used. During World War II, increased demand for shark livers for vitamin A and bottom fish helped establish the trawl fishery. Single-wall, cotton mesh trawls were first used then. In 1942, balloon trawls for rockfish and double-walled codends were introduced. A deep-water rockfish trawl fishery developed in 1946. In 1959, synthetic fibers replaced cotton. In 1965, metal rollers were added to trawl foot ropes; these rollers allowed fishers to target POP grounds that were previously untrawlable.

In 1962, Soviet and Japanese fleets arrived off the Pacific coast, targeting on Pacific Whiting, *Merluccius productus* and POP. During the 1970's, trawls with large rollers and larger, high-rise nets were used to access rough grounds. Additional trawl expansion came during the late 1970's when shrimping success decreased and shrimp vessels joined the bottom trawl fleet. Displaced shrimpers helped pioneer the trawl fishery into deeper water for Dover sole. These catches in deep water also produced a bycatch of thornyheads, *Sebastolobus*. From 1978 until 1989, a joint venture fishery with domestic trawlers delivering Pacific whiting to foreign vessels occurred. During this time, a strong mid-water fleet developed with particular effort directed toward widow rockfish as well as Pacific whiting. New technology, including improved electronic

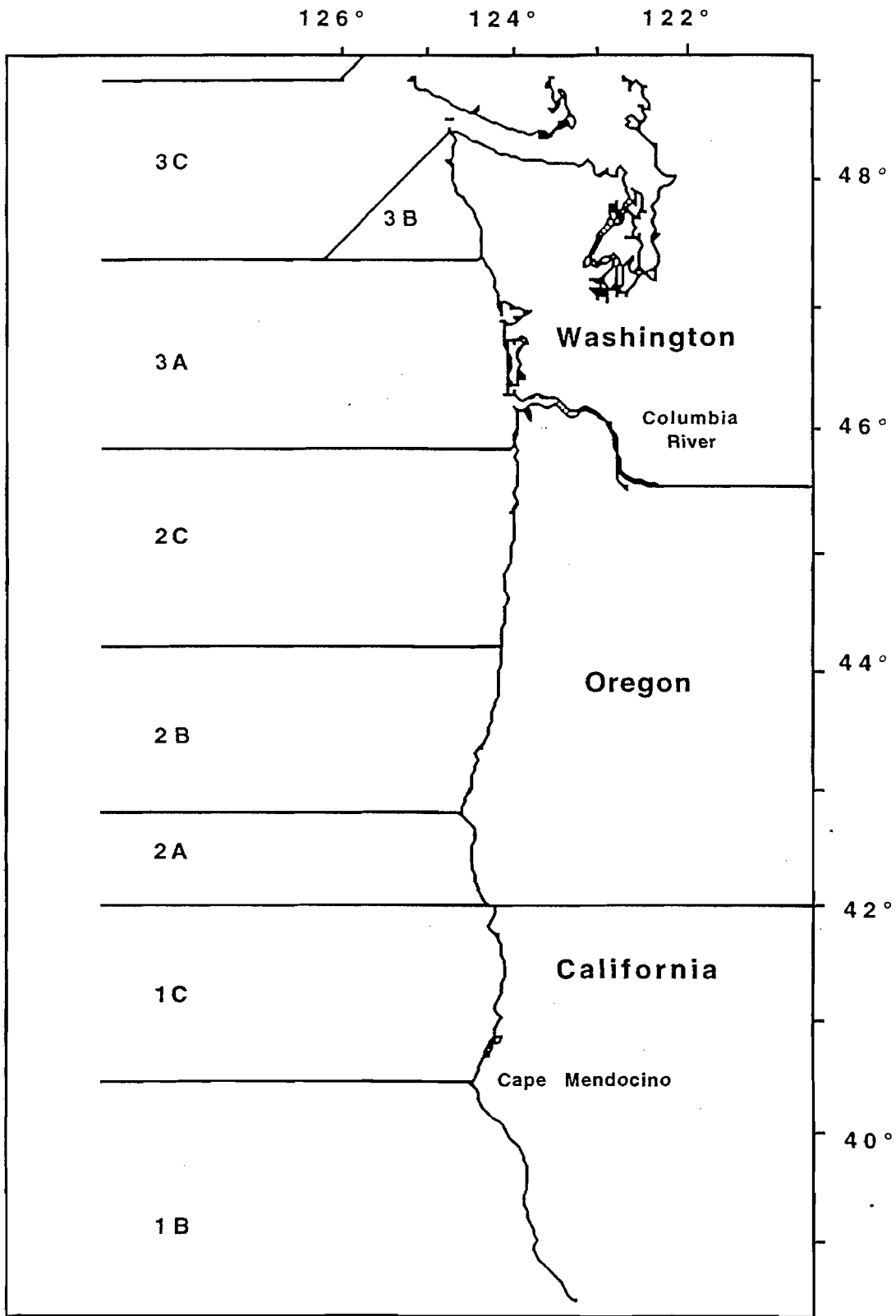


Figure 1. Pacific Coast from Vancouver Island, Canada to Cape Mendocino, California, showing Pacific Marine Fishery Commission International Statistical Areas 3C to 1B.

navigation and fish finding equipment greatly improved harvest ability. In 1982, the groundfish resource came under federal regulations, and trip limits were used in an attempt to reduce fishing pressure on fish stocks. The Pacific whiting fishery became 100% domestic in 1990, and limited entry for groundfish vessels was implemented in 1994.

METHODS

Systematic species composition sampling for rockfish species in Oregon began in 1962 by the FCO. Rockfish were not sorted by species, but were landed and recorded on fish landing tickets as either one of two groups called market categories, that is, other rockfish (410) or POP (413). Sampling was established to better understand and document just what species of rockfish comprised these two groups. Species composition data were recorded on standard forms (Figure 2).

By 1984, several new market categories were reported on fish landing tickets. These were widow rockfish (category 431), yellowtail rockfish (category 433), thornyheads (category 468), and small rock (category 406). By comparing species composition to the associated fish landing ticket and vessel logbook, we were able to summarize rockfish landings by species, area, and location.

Prior to about 1991, species composition sampling of commercial trawl catches consisted of taking several random basket samples from throughout the landing. In 1991, this routine was modified, and we began taking random cluster samples spread out over a number of fish boxes. In cluster sampling, there were always a minimum of two clusters per category. For widow rockfish, two to six 25-lb clusters were taken. For yellowtail rockfish, the larger rockfish landings, and POP, two 50-lb clusters were taken. For smaller rockfish and thornyheads, usually two 25-lb clusters were taken. After the baskets or clusters were selected, species were separated into baskets. The total weight in pounds and number of each individual species was then determined. This information was then applied to the market category weight to get the weight of each species landed in that category. Market category weights were obtained from the Reports of the Technical Subcommittee of the Canada-United States Groundfish Committee for the years 1963-83 and PacFIN Reports for the years 1984-93.

RESULTS

Historical Trends in Pacific Ocean Perch Landings

The POP fishery was slow in developing, primarily because of lack of markets after World War II and lack of gear development. By the early 1960's, landings increased due to fillet contracts with the military and development of large rollers or bobbins on the trawl foot rope. This new gear gave fishermen access to previously unfishable rocky areas. Landings peaked in 1965 at 6,130 mt and then dropped to

GROUNDFISH SPECIES COMPOSITION

PORT _____ DATE LANDED _____ GEAR _____ STATE AREA _____
 DEPTH fathoms _____ TICKET NUMBER _____ SPECIES CATEGORY _____
 Y Y M M D D
 TOT. LBS. LANDED _____ FED. DOC. NUMBER _____ VESSEL NAME _____
 SAMPLER _____

SPECIES	CODE	NUMBER WEIGHED	SAMPLE WEIGHT	AVG. WT.	TOTAL SAMPLE NUMBER	TOTAL SAMPLE WEIGHT	SPECIES PERCENT	TOTAL NUMBER LANDED	TOTAL POUNDS LANDED
<i>S.aleutianus</i>	412	.	.	.	.	.	.	.	.
<i>alutus</i>	413	.	.	.	.	.	.	.	.
<i>aurora</i>	417	.	.	.	.	.	.	.	.
<i>babcocki</i>	418	.	.	.	.	.	.	.	.
<i>brevispinus</i>	419	.	.	.	.	.	.	.	.
<i>borealis</i>	420	.	.	.	.	.	.	.	.
<i>chlorostictus</i>	422	.	.	.	.	.	.	.	.
<i>cramerii</i>	426	.	.	.	.	.	.	.	.
<i>diploproa</i>	428	.	.	.	.	.	.	.	.
<i>elongatus</i>	429	.	.	.	.	.	.	.	.
<i>entomelas</i>	431	.	.	.	.	.	.	.	.
<i>flavidus</i>	433	.	.	.	.	.	.	.	.
<i>helvomaculatus</i>	436	.	.	.	.	.	.	.	.
<i>jordani</i>	438	.	.	.	.	.	.	.	.
<i>melanops</i>	442	.	.	.	.	.	.	.	.
<i>melanostomus</i>	443	.	.	.	.	.	.	.	.
<i>ovalis</i>	448	.	.	.	.	.	.	.	.
<i>paucispinus</i>	449	.	.	.	.	.	.	.	.
<i>pinniger</i>	451	.	.	.	.	.	.	.	.
<i>proriger</i>	453	.	.	.	.	.	.	.	.
<i>reedi</i>	455	.	.	.	.	.	.	.	.
<i>ruberrimus</i>	457	.	.	.	.	.	.	.	.
<i>rufus</i>	459	.	.	.	.	.	.	.	.
<i>saxicola</i>	460	.	.	.	.	.	.	.	.
<i>wilsoni</i>	466	.	.	.	.	.	.	.	.
<i>zacentrus</i>	467	.	.	.	.	.	.	.	.
<i>Sebastolobus alascanus</i>	468	.	.	.	.	.	.	.	.
<i>ativalis</i>	469	.	.	.	.	.	.	.	.
TOTALS									

3-88

Figure 2. Oregon Department of Fish and Wildlife Groundfish Species Composition Form.

1,711 mt the following year (Table 1). The first year of concentrated Russian trawling off the Oregon and Washington coast was 1966, and by 1968, Japanese trawlers were also participating. Landings fell dramatically and stayed relatively low through 1975.

In 1976, due to recruitment of a very strong 1970 year class of POP along with new and much more efficient gear, landings exceeded the 1,000 mt level for the first time since 1965.

In 1978, U.S. fishing vessels including a large Seattle fleet were excluded from fishing Canadian waters, increasing the effort on U.S. stocks. At this time both industry and fishery managers agreed to a 20-year rebuilding plan to prevent further depletion of these stocks. In 1978, Oregon and Washington enacted a 20,000-lb trip limit on POP. By 1980, trip limits were down to 5,000 lbs per trip in an attempt to further reduce targeting and at the same time allow an incidental catch level.

Species composition in POP landings has usually been high in true Pacific ocean perch. Landings of POP are summarized by year, species and area in **Appendix Tables B1-B31**. Other species commonly present in POP landings were darkblotched rockfish, yellowmouth rockfish, splitnose rockfish, sharpchin rockfish, and thornyheads. Presence of darkblotched in POP landings was especially high in the years 1963-67. Large landings of splitnose rockfish (545 mt) were reported in 1965. Shortly after the rebuilding plan was initiated, landings of small red rockfish increased for sharpchin, redstripe, darkblotched, and yellowmouth rockfish. Presence of other rockfish species in POP landings has been relatively low since about 1984.

Historical Trends in "Other Rockfish" Landings

From 1963 to 1978, rockfish landings were fairly constant, fluctuating from 1,100 to 4,200 mt and averaging 1,868 mt annually (Table 2). Since 1978, rockfish landings have averaged about 5,000 mt, peaking at approximately 12,000 mt in 1983. The events primarily responsible for this increase in landings were: 1) an influx of displaced shrimp vessels, 2) development and rapid expansion of the mid-water fishery for widow rockfish in 1979, and 3) expansion of the Dover sole fishery to deeper water resulting in increased landings of slope rockfish species. Landings in the market category "other rockfish" dropped significantly in 1984, and have averaged 3,000 mt annually through 1993. This drop was due primarily to regulation changes (landing restrictions including trip limits and closures), and it was also at this time that most landings of yellowtail rockfish (category 433), widow rockfish (category 431), small rockfish (category 405), and thornyhead (category 468) were reported separately from the "Other Rockfish" (category 410) landings (Tables 3-6).

"Other Rockfish" landings are summarized by year, species, and area in **Appendix Table B32-B62**. These tables show the importance of widow, yellowtail, black, and canary rockfish in the 1960's and 1970's and the big increase in landings of yellowtail, canary, and widow in the late 1970's.

Historical Trends in New Market Categories of Rockfish Established in 1984

In 1984, several new market categories were reported on Oregon fish tickets. These were widow rockfish, yellowtail rockfish, small rockfish, and thornyhead.

Widow Rockfish

Widow rockfish landings beginning in 1984 by year, species, and area are summarized in **Appendix Tables B63-B72**. Landings included little bycatch and were over 97% widow rockfish. Most bycatch was made up of yellowtail, redstripe, sharpchin, canary rockfish, and shortbelly rockfish.

Yellowtail Rockfish

Yellowtail rockfish landings beginning in 1984 by year, species, and area are summarized in **Appendix Tables B73-B81**. Landings contained little bycatch and were usually over 93% yellowtail rockfish. Most bycatch was made up of widow, canary, bocaccio, and silvergray rockfish and included smaller amounts of yelloweye, redstripe, and sharpchin rockfish.

Small Rockfish

Small rockfish landings beginning in 1982 by year, species, and area are summarized in **Appendix Tables B82-B91**. Important species in this complex were darkblotched, redstripe, yellowmouth, and sharpchin rockfish. Species commonly found in the small rockfish landings but at a lower abundance were POP, splitnose rockfish, and greenstriped rockfish.

Thornyhead

Thornyhead catch beginning in 1984 by year, species, and area are summarized in **Appendix Tables B92-B101**. Landings were almost entirely the two species of thornyhead (shortspine thornyhead and longspine thornyhead) with very little bycatch of other species. From 1984 to 1989, most of the thornyheads were shortspine thornyhead. Subsequently, with stricter limits on shortspine thornyheads, catch was shifted toward longspine thornyhead, and the landings of this species increased greatly.

Historical Trends in Rockfish Landings by PMFC Area

Rockfish landings by species category and PMFC area show that most of Oregon's rockfish were caught in areas 2B, 2C, and 3A, and widow rockfish (category

431) was an important species in these areas (Tables 7-11). In recent years thornyhead catch has been important from areas 2B and 2C, and yellowtail rockfish catch has been relatively important in area 3A.

Historical Trends in Landings by Depth

Landings were summarized by PMFC area and four depth strata: less than 50 fm; 51-80 fm; 81-120 fm and greater than 120 fm (Tables 12-19).

Pacific Ocean Perch

Species composition of POP by PFMC area, depth strata, and year is shown in **Appendix Tables C1-C101**.

“Other Rockfish”

Landings of “Other Rockfish” (category 410) by depth strata and area without reference to individual species are given in Tables 12-19.

Species composition of “Other Rockfish” (category 410) by PFMC area, depth strata, and year is shown in **Appendix Tables C102-C231**.

There were a few trends in catch by depth. “Other Rockfish” generally came from depths of 51-120 fm in area 2B. There was a recent shift from shallow depth strata to deep strata in area 3A. In general, most of the shallow catch came from PMFC areas 2C and 3A, shallow water was especially good for the years 1984-85. Recently shallow water catch has been low. The 51-80 fm depth strata produced the most fish in areas 2B and 3A over the years with highest catches during 1977-83. Catch from 81-120 fm has been highest from areas 2B, 2C, and 3A, with 1979-83 being the high catch years on record. Deep water catch of “other rockfish” rose sharply in 1979 with a majority of the fish coming from areas 2C and 3A, and since that time, catch from greater than 120 fm has remained at a fairly stable level.

New Market Categories of Rockfish

We have landing records for the new market categories of rockfish that were established in 1984, that is, widow rockfish, yellowtail rockfish, small rockfish, and thornyheads. Species composition of widow rockfish (category 431) by PMFC area, depth strata, and year is shown in **Appendix Tables C232-C283**. Species composition of yellowtail rockfish (category 433) by PFMC area, depth strata, and year is shown in **Appendix Tables C284-C330**. Species composition of small rockfish (category 406) by PFMC area, depth strata, and year is shown in **Appendix Tables C331-C385**.

Species composition of thornyhead rockfish (category 468) by PFMC area, depth strata, and year is shown in **Appendix Tables C386-C442**.

ACKNOWLEDGEMENTS

First and foremost, I thank Ed Niska and Bill Barss for their efforts in supplying valuable data for the years 1963-77. I also thank Jim Golden for his guidance when I started this report in 1984, and Bill Barss for his guidance and support in helping me get this report completed and published. I thank Tom Preston for his help in assisting me with the tremendous amount of number crunching and data entry required for a project of this magnitude. Thanks to Jerry Lukas and the Marine Finfish Program staff members: Jerry Butler, Kathy Murphy, Mark Saelens, Mark Freeman and Claire Wood for their help with data from the 1990's, and to Jackie Thornton for clerical support. Finally, thanks to all field personnel between 1963 and 1993, without whose efforts this report would not be possible.

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Table 1. Annual Oregon landings (mt) of category 413 (Pacific ocean perch) by PMFC areas, 1963-93.

Year	PMFC AREA						Total
	1C	2A	2B	2C	3A	3B	
63	--	0.9	422.3	1,637.5	1,481.9	75.8	3,618.4
64	--	0.5	1,136.3	1,703.3	1,047.8	376.0	4,263.9
65	--	0.1	887.2	4,012.9	1,216.1	13.6	6,129.9
66	--	9.5	190.5	987.5	513.5	10.0	1,711.0
67	--	0.0	116.1	416.3	207.3	7.3	747.0
68	--	0.0	77.1	204.1	54.4	24.6	360.2
69	--	10.4	98.9	151.9	20.9	0.0	282.1
70	--	0.1	57.6	188.7	33.1	0.9	280.4
71	--	13.6	190.1	96.2	100.2	2.7	402.8
72	--	3.6	105.2	99.8	63.9	0.5	273.0
73	--	2.3	101.6	58.9	80.7	0.0	243.5
74	--	0.1	172.4	24.0	144.2	0.0	340.7
75	--	3.2	98.4	169.6	163.7	0.5	435.4
76	--	0.9	190.1	582.4	245.4	0.1	1,018.9
77	--	11.8	107.8	181.1	375.8	0.0	676.5
78	--	6.6	22.2	133.1	321.5	--	483.4
79	--	0.4	22.6	276.4	546.4	--	845.8
80	--	0.1	13.8	150.8	961.8	0.0	1,126.5
81	--	1.8	76.0	338.4	429.6	11.5	857.3
82	--	33.7	53.8	176.5	223.8	25.3	513.1
83	--	18.2	143.1	706.5	210.4	56.9	1,135.1
84	0.2	14.2	4.0	375.9	241.7	92.9	728.9
85	3.5	26.1	53.8	337.3	265.5	110.7	796.9
86	0.2	5.6	42.6	241.7	278.3	91.1	659.5
87	0.0	6.4	23.0	211.1	251.0	60.1	551.6
88	0.1	7.2	43.2	263.1	295.3	76.6	685.5
89	0.0	4.1	63.3	343.0	339.8	93.6	843.8
90	0.0	0.8	20.8	186.2	242.6	61.2	511.6
91	0.5	0.5	10.8	157.3	266.7	314.0	749.8
92	0.0	0.0	4.1	89.9	191.5	252.3	537.8
93	0.0	0.8	5.2	208.4	238.9	253.9	707.2
Total	4.5	183.5	4,553.9	14,709.8	11,053.7	2,012.1	32,517.5

Table 2. Annual Oregon landings (mt) of category 410 (other rockfish) by PMFC areas, 1963-93.

Year	PMFC AREA						Total
	1C	2A	2B	2C	3A	3B	
63	--	12.7	439.5	385.6	1,238.3	43.8	2,119.9
64	--	29.5	216.4	290.3	1,306.8	53.1	1,896.1
65	--	46.7	252.6	709.4	767.0	23.1	1,798.8
66	--	22.7	322.9	436.4	1,397.1	14.5	2,193.6
67	--	5.9	166.0	332.9	1,285.9	30.8	1,821.5
68	--	7.9	345.2	92.0	1,032.8	138.2	1,616.1
69	--	98.9	329.8	126.5	985.8	94.3	1,635.3
70	--	75.8	471.7	50.3	781.5	68.9	1,448.2
71	--	81.6	534.3	59.8	519.8	113.4	1,308.9
72	--	53.1	639.6	104.3	863.6	141.1	1,801.7
73	--	64.9	365.6	241.3	862.3	29.0	1,563.1
74	--	45.4	287.1	113.4	634.6	26.8	1,107.3
75	--	38.6	293.5	78.5	685.4	22.7	1,118.7
76	--	72.6	521.2	42.2	1,419.3	0.5	2,055.8
77	--	11.3	486.3	130.4	1,476.4	0.5	2,104.9
78	--	261.4	856.6	503.2	2,659.8	--	4,281.0
79	--	603.7	2,519.9	2,280.1	2,787.7	--	8,191.4
80	--	316.8	1,387.5	609.4	4,191.0	5.4	6,510.1
81	--	369.9	2,539.5	1,360.1	3,647.3	50.9	7,967.7
82	--	1,318.6	3,796.1	2,831.8	1,548.1	584.6	10,079.2
83	--	981.7	3,656.7	4,291.7	2,593.4	453.9	11,977.4
84	12.3	264.4	607.9	1,432.5	675.0	172.4	3,164.5
85	20.4	177.4	619.6	1,573.1	1,007.6	242.2	3,640.3
86	3.4	109.1	566.6	744.7	694.2	202.1	2,320.1
87	0.3	152.5	761.2	912.2	989.6	163.7	2,979.5
88	13.4	135.5	681.2	1,045.2	1,207.9	97.6	3,180.8
89	1.1	112.3	611.0	1,291.0	1,086.1	249.2	3,350.7
90	0.0	97.1	632.7	272.8	1,048.8	119.6	2,171.0
91	4.4	31.7	1,186.7	806.7	629.9	946.8	3,606.2
92	0.1	88.5	672.6	882.9	612.8	675.8	2,932.7
93	4.7	133.1	605.7	1,039.6	609.2	585.6	2,977.9
Total	60.1	5,821.3	27,373.2	25,070.3	41,245.0	5,350.5	104,920.4

Table 3. Annual Oregon landings (mt) of category 431 (widow rockfish) by PMFC areas, 1963-93.

Year	PMFC AREA						Total
	1C	2A	2B	2C	3A	3B	
63	--	--	--	--	--	--	--
64	--	--	--	--	--	--	--
65	--	--	--	--	--	--	--
66	--	--	--	--	--	--	--
67	--	--	--	--	--	--	--
68	--	--	--	--	--	--	--
69	--	--	--	--	--	--	--
70	--	--	--	--	--	--	--
71	--	--	--	--	--	--	--
72	--	--	--	--	--	--	--
73	--	--	--	--	--	--	--
74	--	--	--	--	--	--	--
75	--	--	--	--	--	--	--
76	--	--	--	--	--	--	--
77	--	--	--	--	--	--	--
78	--	--	--	--	--	--	--
79	--	--	--	--	--	--	--
80	--	--	--	--	--	--	--
81	--	--	--	--	--	--	--
82	--	--	--	--	--	--	--
83	--	--	--	--	--	--	--
84	71.1	449.9	1,200.1	2,557.2	921.1	8.2	5,207.6
85	14.7	279.6	1,305.0	1,850.9	885.8	14.2	4,350.2
86	53.8	120.5	698.4	2,056.6	1,351.4	40.6	4,321.3
87	0.0	239.8	480.1	2,548.2	2,980.4	22.9	6,271.4
88	12.8	216.3	1,488.7	1,882.3	1,824.7	24.5	5,449.3
89	3.0	113.3	2,819.9	2,011.7	1,896.7	125.7	6,970.3
90	21.9	213.7	2,132.3	1,233.4	1,808.9	148.5	5,558.7
91	0.2	27.6	803.2	1,758.3	915.5	332.5	3,837.3
92	0.0	162.1	1,017.3	1,655.3	600.8	488.7	3,924.2
93	1.9	161.2	1,179.6	2,302.4	1,018.3	587.9	5,251.3
Total	179.4	1,984.0	13,124.6	19,856.3	14,203.6	1,793.7	51,141.6

Table 4. Annual Oregon landings (mt) of category 433 (yellowtail rockfish) by PMFC areas, 1963-93.

Year	PMFC AREA						Total
	1C	2A	2B	2C	3A	3B	
63	--	--	--	--	--	--	--
64	--	--	--	--	--	--	--
65	--	--	--	--	--	--	--
66	--	--	--	--	--	--	--
67	--	--	--	--	--	--	--
68	--	--	--	--	--	--	--
69	--	--	--	--	--	--	--
70	--	--	--	--	--	--	--
71	--	--	--	--	--	--	--
72	--	--	--	--	--	--	--
73	--	--	--	--	--	--	--
74	--	--	--	--	--	--	--
75	--	--	--	--	--	--	--
76	--	--	--	--	--	--	--
77	--	--	--	--	--	--	--
78	--	--	--	--	--	--	--
79	--	--	--	--	--	--	--
80	--	--	--	--	--	--	--
81	--	--	--	--	--	--	--
82	--	--	--	--	--	--	--
83	--	--	--	--	--	--	--
84	6.0	60.6	299.0	458.3	1,019.0	131.9	1,974.8
85	4.1	59.4	294.8	258.7	845.8	67.2	1,530.0
86	3.9	12.2	247.9	61.3	938.9	263.8	1,528.0
87	0.0	46.4	227.1	230.9	1,067.0	80.6	1,652.0
88	3.9	73.0	363.2	251.9	1,495.0	154.3	2,341.3
89	1.3	84.4	363.3	231.6	960.0	263.8	1,904.4
90	0.4	83.9	295.0	183.4	897.5	206.3	1,666.5
91	1.3	9.2	231.7	39.9	603.6	399.7	1,285.4
92	0.0	26.4	860.4	1,110.3	998.3	545.7	3,541.1
93	2.9	43.9	246.0	676.3	842.9	510.3	2,322.3
Total	23.8	499.4	3,428.4	3,502.6	9,668.0	2,623.6	19,745.8

Table 5. Annual Oregon landings (mt) of category 406 (small rockfish) by PMFC areas, 1963-93.

Year	PMFC AREA						Total
	1C	2A	2B	2C	3A	3B	
63	--	--	--	--	--	--	--
64	--	--	--	--	--	--	--
65	--	--	--	--	--	--	--
66	--	--	--	--	--	--	--
67	--	--	--	--	--	--	--
68	--	--	--	--	--	--	--
69	--	--	--	--	--	--	--
70	--	--	--	--	--	--	--
71	--	--	--	--	--	--	--
72	--	--	--	--	--	--	--
73	--	--	--	--	--	--	--
74	--	--	--	--	--	--	--
75	--	--	--	--	--	--	--
76	--	--	--	--	--	--	--
77	--	--	--	--	--	--	--
78	--	--	--	--	--	--	--
79	--	--	--	--	--	--	--
80	--	--	--	--	--	--	--
81	--	--	--	--	--	--	--
82	--	--	--	--	--	--	--
83	--	--	--	--	--	--	--
84	1.4	90.5	221.4	186.2	8.2	1.9	509.6
85	2.8	43.0	418.3	326.8	193.4	3.4	987.7
86	6.0	20.3	356.2	388.8	141.2	7.1	919.6
87	0.3	24.6	197.5	510.4	123.6	6.5	862.9
88	10.4	63.8	272.8	598.2	93.7	0.4	1,039.3
89	0.8	59.9	247.1	638.7	169.5	25.2	1,141.2
90	0.0	41.6	176.4	939.7	115.2	7.4	1,280.3
91	2.1	16.9	403.5	1,017.4	60.2	46.8	1,546.9
92	0.6	15.0	280.9	539.3	26.3	18.8	880.9
93	1.0	46.0	435.5	1,138.7	272.3	82.0	1,975.5
Total	25.4	421.6	3,009.6	6,284.2	1,203.6	199.5	11,143.9

Table 6. Annual Oregon landings (mt) of category 468 (thornyhead rockfish) by PMFC areas, 1963-93.

Year	PMFC AREA						Total
	1C	2A	2B	2C	3A	3B	
63	--	--	--	--	--	--	--
64	--	--	--	--	--	--	--
65	--	--	--	--	--	--	--
66	--	--	--	--	--	--	--
67	--	--	--	--	--	--	--
68	--	--	--	--	--	--	--
69	--	--	--	--	--	--	--
70	--	--	--	--	--	--	--
71	--	--	--	--	--	--	--
72	--	--	--	--	--	--	--
73	--	--	--	--	--	--	--
74	--	--	--	--	--	--	--
75	--	--	--	--	--	--	--
76	--	--	--	--	--	--	--
77	--	--	--	--	--	--	--
78	--	--	--	--	--	--	--
79	--	--	--	--	--	--	--
80	--	--	--	--	--	--	--
81	--	--	--	--	--	--	--
82	--	--	--	--	--	--	--
83	--	--	--	--	--	--	--
84	2.3	90.8	485.6	130.5	96.0	32.3	837.5
85	8.3	190.7	521.8	232.5	93.5	64.3	1,111.1
86	10.7	103.3	239.3	171.3	90.5	53.9	669.0
87	0.4	100.1	293.2	179.6	79.7	50.7	703.7
88	73.8	226.7	333.8	178.3	175.6	57.9	1,046.1
89	107.2	559.0	1,075.9	422.9	246.3	128.1	2,539.4
90	265.2	699.1	1,973.7	1,179.8	262.8	146.4	4,527.0
91	36.7	217.0	1,547.5	1,078.5	302.5	313.9	3,496.1
92	12.9	240.6	1,750.2	1,133.5	559.6	578.3	4,275.1
93	9.5	234.8	1,727.5	970.8	604.7	888.4	4,435.7
Total	527.0	2,662.1	9,948.5	5,677.7	2,511.2	2,314.2	23,640.7

Table 7. Annual Oregon landings (mt) for PMFC area 2A by species category, 1963-93.

Year	CATEGORY						Total
	410	413	406	433	431	468	
63	12.7	0.9	--	--	--	--	13.6
64	29.5	0.5	--	--	--	--	30.0
65	46.7	0.1	--	--	--	--	46.8
66	22.7	9.5	--	--	--	--	32.2
67	5.9	0.0	--	--	--	--	5.9
68	7.9	0.0	--	--	--	--	7.9
69	98.9	10.4	--	--	--	--	109.3
70	75.8	0.1	--	--	--	--	75.9
71	81.6	13.6	--	--	--	--	95.2
72	53.1	3.6	--	--	--	--	56.7
73	64.9	2.3	--	--	--	--	67.2
74	45.4	0.1	--	--	--	--	45.5
75	38.6	3.2	--	--	--	--	41.8
76	72.6	0.9	--	--	--	--	73.5
77	11.3	11.8	--	--	--	--	23.1
78	261.4	6.6	--	--	--	--	268.0
79	603.7	0.4	--	--	--	--	604.1
80	316.8	0.1	--	--	--	--	316.9
81	369.9	1.8	--	--	--	--	371.7
82	1,318.6	33.7	--	--	--	--	1,352.3
83	981.7	18.2	--	--	--	--	999.9
84	264.4	14.2	90.5	60.6	449.9	90.8	970.4
85	177.4	26.1	43.0	59.4	279.6	190.7	776.2
86	109.1	5.6	20.3	12.2	120.5	103.3	371.0
87	152.5	6.4	24.6	46.4	239.8	100.1	569.8
88	135.5	7.2	63.8	73.0	216.3	226.7	722.5
89	112.3	4.1	59.9	84.4	113.3	559.0	933.0
90	97.1	0.8	41.6	83.9	213.7	699.1	1,136.2
91	31.7	0.5	16.9	9.2	27.6	217.0	302.9
92	88.5	0.0	15.0	24.6	162.1	240.6	530.8
93	133.1	0.8	46.0	43.9	161.2	234.8	619.8
Total	5,821.3	183.5	421.6	497.6	1,984.0	2,662.1	11,570.1

Table 8. Annual Oregon landings (mt) for PMFC area 2B by species category, 1963-93.

Year	CATEGORY						Total
	410	413	406	433	431	468	
63	439.9	422.3	--	--	--	--	862.2
64	216.4	1,136.3	--	--	--	--	1,352.7
65	252.6	887.2	--	--	--	--	1,139.8
66	322.9	190.5	--	--	--	--	513.4
67	166.0	116.1	--	--	--	--	282.1
68	345.2	77.1	--	--	--	--	422.3
69	329.8	98.9	--	--	--	--	428.7
70	471.7	57.6	--	--	--	--	529.3
71	534.3	190.1	--	--	--	--	724.4
72	639.6	105.2	--	--	--	--	744.8
73	365.6	101.6	--	--	--	--	467.2
74	287.1	172.4	--	--	--	--	459.5
75	293.5	98.4	--	--	--	--	391.9
76	521.2	190.1	--	--	--	--	711.3
77	486.3	107.8	--	--	--	--	594.1
78	856.6	22.2	--	--	--	--	878.8
79	2,519.9	22.6	--	--	--	--	2,542.5
80	1,387.5	13.8	--	--	--	--	1,401.3
81	2,539.5	76.0	--	--	--	--	2,615.5
82	3,796.1	53.8	--	--	--	--	3,849.9
83	3,656.7	143.1	--	--	--	--	3,799.8
84	607.9	4.0	221.4	299.0	1,200.1	485.6	2,818.0
85	619.6	53.8	418.3	294.8	1,305.0	521.8	3,213.3
86	566.6	42.6	356.2	247.9	698.4	239.3	2,151.0
87	761.2	23.0	197.5	227.1	480.1	293.2	1,982.1
88	681.2	43.2	272.8	363.2	1,488.7	333.8	3,182.9
89	611.0	63.3	247.1	363.3	2,819.9	1,075.9	5,180.5
90	632.7	20.8	176.4	295.0	2,132.3	1,973.7	5,230.9
91	1,186.7	10.8	403.5	231.7	803.2	1,547.5	4,183.4
92	672.6	4.1	280.9	860.4	1,017.3	1,750.5	4,585.8
93	605.7	5.2	435.5	246.0	1,179.6	1,727.5	4,199.5
Total	27,373.6	4,553.9	3,009.6	3,428.4	13,124.6	9,948.8	61,438.9

Table 9. Annual Oregon landings (mt) for PMFC area 2C by species category, 1963-93.

Year	CATEGORY						Total
	410	413	406	433	431	468	
63	385.6	1,637.5	--	--	--	--	2,023.1
64	290.3	1,703.3	--	--	--	--	1,993.6
65	709.4	4,012.9	--	--	--	--	4,722.3
66	436.4	987.5	--	--	--	--	1,423.9
67	332.9	416.3	--	--	--	--	749.2
68	92.0	204.1	--	--	--	--	296.1
69	126.6	151.9	--	--	--	--	278.5
70	50.3	188.7	--	--	--	--	239.0
71	59.8	96.2	--	--	--	--	156.0
72	104.3	99.8	--	--	--	--	204.1
73	241.3	58.9	--	--	--	--	300.2
74	113.4	24.0	--	--	--	--	137.4
75	78.5	169.6	--	--	--	--	248.1
76	42.2	582.4	--	--	--	--	624.6
77	130.4	181.1	--	--	--	--	311.5
78	503.2	133.1	--	--	--	--	636.3
79	2,280.1	276.4	--	--	--	--	2,556.5
80	609.4	150.8	--	--	--	--	760.2
81	1,360.2	338.4	--	--	--	--	1,698.6
82	2,831.8	176.5	--	--	--	--	3,008.3
83	4,291.7	706.5	--	--	--	--	4,998.2
84	1,432.5	375.9	186.2	458.3	2,557.2	130.5	5,140.6
85	1,573.1	337.3	326.8	258.7	1,850.9	232.5	4,579.3
86	744.7	241.7	388.8	61.3	2,056.6	171.3	3,664.4
87	912.2	211.1	510.4	230.9	2,548.2	179.6	4,592.4
88	1,045.2	263.1	598.2	251.9	1,882.3	178.3	4,219.0
89	1,291.0	343.0	638.7	231.6	2,011.7	422.9	4,938.9
90	272.8	186.2	939.7	183.4	1,233.4	1,179.8	3,995.3
91	806.7	157.3	1,017.4	39.9	1,758.3	1,078.5	4,858.1
92	882.9	89.9	539.3	1,110.3	1,655.3	1,133.5	5,411.2
93	1,039.6	208.4	1,138.7	676.3	2,302.4	970.8	6,336.2
Total	25,070.5	14,709.8	6,284.2	3,502.6	19,856.3	5,677.7	75,101.1

Table 10. Annual Oregon landings (mt) for PMFC area 3A by species category, 1963-93.

Year	CATEGORY						Total
	410	413	406	433	431	468	
63	1,238.3	1,481.9	--	--	--	--	2,720.2
64	1,306.8	1,047.8	--	--	--	--	2,354.6
65	767.0	1,216.1	--	--	--	--	1,983.1
66	1,397.1	513.5	--	--	--	--	1,910.6
67	1,285.9	207.3	--	--	--	--	1,493.2
68	1,032.8	54.4	--	--	--	--	1,087.2
69	985.8	20.9	--	--	--	--	1,006.7
70	781.5	33.1	--	--	--	--	814.6
71	519.8	100.2	--	--	--	--	620.0
72	863.6	63.9	--	--	--	--	927.5
73	862.3	80.7	--	--	--	--	943.0
74	634.6	144.2	--	--	--	--	778.8
75	685.4	163.7	--	--	--	--	849.1
76	1,419.3	245.4	--	--	--	--	1,664.7
77	1,476.4	375.8	--	--	--	--	1,852.2
78	2,659.8	321.5	--	--	--	--	2,981.3
79	2,787.7	546.4	--	--	--	--	3,334.1
80	4,191.0	961.8	--	--	--	--	5,152.8
81	3,647.3	429.6	--	--	--	--	4,076.9
82	1,548.1	223.8	--	--	--	--	1,771.9
83	2,593.4	210.4	--	--	--	--	2,803.8
84	675.0	241.7	8.2	1,019.0	921.1	96.0	2,961.0
85	1,007.6	265.5	193.4	845.8	885.8	93.5	3,291.6
86	694.2	278.3	141.2	938.9	1,351.4	90.5	3,494.5
87	989.6	251.0	123.6	1,067.0	2,980.4	79.7	5,491.3
88	1,207.9	295.3	93.7	1,495.0	1,824.7	175.6	5,092.2
89	1,086.1	339.8	169.5	960.0	1,896.7	246.3	4,698.4
90	1,048.8	242.6	115.2	897.5	1,808.9	262.8	4,375.8
91	629.9	266.7	60.2	603.6	915.5	302.5	2,778.4
92	612.8	191.5	26.3	998.3	600.8	559.6	2,989.3
93	609.2	238.9	272.3	842.9	1,018.3	604.7	3,586.3
Total	41,245.0	11,053.7	1,203.6	9,668.0	14,203.6	2,511.2	79,885.1

Table 11. Annual Oregon landings (mt) for PMFC area 3B by species category, 1963-93.

Year	CATEGORY						Total
	410	413	406	433	431	468	
63	43.8	75.8	--	--	--	--	119.6
64	53.1	376.0	--	--	--	--	429.1
65	23.1	13.6	--	--	--	--	36.7
66	14.5	10.0	--	--	--	--	24.5
67	30.8	7.3	--	--	--	--	38.1
68	138.2	24.6	--	--	--	--	162.8
69	94.3	0.0	--	--	--	--	94.3
70	68.9	0.9	--	--	--	--	69.8
71	113.4	2.7	--	--	--	--	116.1
72	141.1	0.5	--	--	--	--	141.6
73	29.0	0.0	--	--	--	--	29.0
74	26.8	0.0	--	--	--	--	26.8
75	22.7	0.5	--	--	--	--	23.2
76	0.5	0.1	--	--	--	--	0.6
77	0.5	0.0	--	--	--	--	0.5
78	--	--	--	--	--	--	0.0
79	--	--	--	--	--	--	0.0
80	5.4	0.0	--	--	--	--	5.4
81	50.9	11.5	--	--	--	--	62.4
82	584.6	25.3	--	--	--	--	609.9
83	453.9	56.9	--	--	--	--	510.8
84	172.4	92.9	1.9	131.9	8.2	32.3	439.6
85	242.2	110.7	3.4	67.2	14.2	64.3	502.0
86	202.1	91.1	7.1	263.8	40.6	53.9	658.6
87	163.7	60.1	6.5	80.6	22.9	50.7	384.5
88	97.6	76.6	0.4	154.3	24.5	57.9	411.3
89	249.2	93.6	25.2	263.8	125.7	128.1	885.6
90	119.6	61.2	7.4	206.3	148.5	146.4	689.4
91	946.8	314.0	46.8	399.7	332.5	313.9	2,353.7
92	675.8	252.3	18.8	545.7	488.7	578.3	2,559.6
93	585.6	253.9	82.0	510.3	587.9	888.4	2,908.1
Total	5,350.5	2,012.1	199.5	2,623.6	1,793.7	2,314.2	14,293.6

Table 12. Category 410 (other rockfish) landings (mt) by depth strata (fm) in PMFC area 2A, 1963-93. fm = fathoms

Year	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
63	0.0	0.0	0.0	0.0	0.0
64	0.0	0.0	0.0	0.0	0.0
65	0.0	0.0	0.0	0.0	0.0
66	0.0	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0	0.0
68	7.9	0.0	0.0	0.0	7.9
69	37.6	40.1	21.2	--	98.9
70	0.0	0.0	0.0	0.0	0.0
71	--	17.3	64.3	--	81.6
72	0.0	0.0	0.0	0.0	0.0
73	0.0	0.0	0.0	0.0	0.0
74	0.0	0.0	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0	0.0
76	0.0	0.0	0.0	0.0	0.0
77	0.0	0.0	0.0	0.0	0.0
78	0.0	0.0	0.0	0.0	0.0
79	--	603.7	--	--	603.7
80	--	276.9	--	39.9	316.8
81	--	290.1	4.6	75.2	369.9
82	82.9	1,109.8	125.9	--	1,318.6
83	23.6	552.8	346.9	58.4	981.7
84	19.7	27.6	114.1	102.9	264.3
85	7.1	7.0	62.1	101.2	177.4
86	40.2	46.4	--	22.5	109.1
87	23.6	--	80.1	48.8	152.5
88	--	--	48.3	87.2	135.5
89	--	55.1	57.2	--	112.3
90	--	92.1	5.0	--	97.1
91	2.5	17.2	--	12.0	31.7
92	53.4	23.4	0.4	11.3	88.5
93	34.2	71.3	17.2	10.4	133.1
Total	332.7	3,230.8	947.3	569.8	5,080.6

Table 13. Category 410 (other rockfish) landings (mt) by depth strata (fm) in PMFC area 2B, 1963-93. fm = fathoms

Year	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
63	--	112.4	96.9	230.6	439.9
64	0.0	0.0	0.0	0.0	0.0
65	--	--	252.6	--	252.6
66	236.4	--	86.5	--	322.9
67	0.8	--	10.5	154.7	166.0
68	7.3	322.3	8.3	7.3	345.2
69	46.7	165.6	64.4	53.1	329.8
70	87.6	122.7	104.7	156.7	471.7
71	86.2	326.8	100.0	21.3	534.3
72	55.5	112.0	409.4	62.7	639.6
73	35.0	314.6	10.1	5.9	365.6
74	87.4	194.5	5.2	--	287.1
75	7.4	190.2	23.9	72.0	293.5
76	0.0	0.0	0.0	0.0	0.0
77	--	185.4	262.7	38.2	486.3
78	12.6	512.4	296.2	35.4	856.6
79	--	2,517.1	--	2.8	2,519.9
80	--	684.9	514.2	188.4	1,387.5
81	--	2,524.3	--	15.2	2,539.5
82	0.1	2,521.2	1,274.5	0.3	3,796.1
83	--	696.0	2,868.4	92.3	3,656.7
84	117.1	280.5	151.9	58.4	607.9
85	62.0	216.2	165.2	176.2	619.6
86	83.2	177.2	164.6	141.6	566.6
87	321.4	97.1	232.2	110.4	761.1
88	106.1	132.5	306.8	135.7	681.1
89	122.3	187.1	203.5	98.1	611.0
90	354.9	85.0	127.7	65.1	632.7
91	10.5	564.8	458.2	153.2	1,186.7
92	14.0	472.9	170.3	14.7	671.9
93	8.4	336.2	233.6	27.5	605.7
Total	1,862.9	14,051.9	8,602.5	2,117.8	26,635.1

Table 14. Category 410 (other rockfish) landings (mt) by depth strata (fm) in PMFC area 2C, 1963-93. fm = fathoms

Year	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
63	37.7	6.0	252.4	89.5	385.6
64	--	27.4	262.9	--	290.3
65	--	532.6	32.7	144.1	709.4
66	6.4	430.0	--	--	436.4
67	--	--	332.9	--	332.9
68	--	90.4	--	0.3	90.7
69	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0
71	23.5	36.3	--	--	59.8
72	0.0	0.0	0.0	0.0	0.0
73	13.2	228.1	--	--	241.3
74	68.5	9.6	35.3	--	113.4
75	37.0	35.0	6.3	0.2	78.5
76	19.0	23.2	--	--	42.2
77	--	100.9	--	--	100.9
78	219.3	75.3	--	208.6	503.2
79	186.9	--	1,389.9	703.3	2,280.1
80	--	--	609.4	--	609.4
81	3.3	862.5	405.9	81.5	1,353.2
82	16.3	1,627.0	859.0	329.5	2,831.8
83	21.5	764.2	2,826.5	679.5	4,291.7
84	1,391.8	19.2	21.1	0.4	1,432.5
85	1,462.3	1.1	17.0	92.9	1,573.3
86	563.5	0.7	2.1	178.4	744.7
87	533.1	1.8	23.3	354.0	912.2
88	724.1	--	76.3	244.8	1,045.2
89	942.7	74.6	136.8	136.9	1,291.0
90	123.8	--	8.6	140.4	272.8
91	--	116.1	81.5	609.1	806.7
92	19.8	157.7	425.7	279.7	882.9
93	--	637.4	173.8	228.4	1,039.6
Total	6,413.7	5,857.1	7,979.4	4,501.5	24,751.7

Table 15. Category 410 (other rockfish) landings (mt) by depth strata (fm) in PMFC area 3A, 1963-93. fm = fathoms

Year	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
63	456.3	478.0	295.8	7.0	1,237.1
64	291.9	756.8	258.0	0.1	1,306.8
65	275.9	316.2	167.3	7.6	767.0
66	352.2	527.0	510.7	7.2	1,397.1
67	380.9	401.3	425.1	78.6	1,285.9
68	368.0	538.4	126.4	--	1,032.8
69	641.1	97.4	246.0	--	984.5
70	461.2	320.3	--	--	781.5
71	370.7	61.6	87.5	--	519.8
72	451.0	412.6	--	--	863.6
73	343.1	519.2	--	--	862.3
74	154.0	398.8	81.8	--	634.6
75	305.6	379.3	0.3	--	685.2
76	1,059.0	360.3	--	--	1,419.3
77	15.5	1,290.8	170.1	--	1,476.4
78	431.0	1,413.3	815.5	--	2,659.8
79	296.8	1,018.9	1,131.5	340.5	2,787.7
80	14.1	2,312.0	1,864.9	--	4,191.0
81	353.3	818.4	1,556.9	918.7	3,647.3
82	513.6	311.7	642.5	80.3	1,548.1
83	57.1	1,028.7	1,357.1	90.6	2,533.5
84	109.7	176.9	342.1	46.3	675.0
85	48.8	56.0	723.2	179.6	1,007.6
86	115.2	39.3	380.9	158.8	694.2
87	59.0	108.7	514.1	307.8	989.6
88	127.7	98.0	528.1	454.1	1,207.9
89	76.1	96.3	470.0	443.7	1,086.1
90	35.6	125.5	428.4	459.3	1,048.8
91	1.3	100.4	239.7	288.5	629.9
92	1.2	204.9	166.0	240.7	612.8
93	39.6	54.1	361.6	153.9	609.2
Total	8,206.5	14,821.1	13,891.5	4,263.3	41,182.4

Table 16. Category 410 (other rockfish) landings (mt) by depth strata (fm) in PMFC area 3B, 1963-93. fm = fathoms

Year	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
63	--	--	43.8	--	43.8
64	--	--	53.1	--	53.1
65	0.0	0.0	0.0	0.0	0.0
66	0.0	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0	0.0
68	11.0	127.2	--	--	138.2
69	--	94.3	--	--	94.3
70	1.3	32.1	33.3	2.2	68.9
71	29.9	83.5	--	--	113.4
72	--	141.1	--	--	141.1
73	0.0	0.0	0.0	0.0	0.0
74	0.0	0.0	0.0	0.0	0.0
75	--	22.7	--	--	22.7
76	0.0	0.0	0.0	0.0	0.0
77	0.0	0.0	0.0	0.0	0.0
78	0.0	0.0	0.0	0.0	0.0
79	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0
81	--	40.8	10.1	--	50.9
82	24.9	146.3	392.1	21.3	584.6
83	41.4	148.1	252.2	12.2	453.9
84	16.9	42.4	107.4	4.8	171.5
85	1.9	72.1	6.2	162.0	242.2
86	16.1	--	63.9	122.1	202.1
87	8.4	41.4	89.4	24.5	163.7
88	--	11.0	33.0	53.6	97.6
89	--	110.3	103.0	35.9	249.2
90	0.2	9.3	89.5	20.6	119.6
91	0.9	247.2	557.8	140.9	946.8
92	27.1	111.6	495.6	41.5	675.8
93	0.6	74.4	403.5	107.1	585.6
Total	180.6	1,555.8	2,733.9	748.7	5,219.0

Table 17. Category 410 (other rockfish) landings (mt) from the <50 fm depth strata by PMFC area, 1963-93. fm = fathoms

Year	PMFC AREA (fm)						Total
	1C	2A	2B	2C	3A	3B	
63	0.0	0.0	--	37.7	456.3	--	494.0
64	0.0	0.0	0.0	--	291.9	--	291.9
65	0.0	0.0	--	--	275.9	0.0	275.9
66	0.0	0.0	236.4	6.4	352.2	0.0	595.0
67	0.0	0.0	0.8	--	380.9	0.0	381.7
68	0.0	7.9	7.3	--	368.0	11.0	394.2
69	0.0	37.6	46.7	0.0	641.1	--	725.4
70	0.0	0.0	87.6	0.0	461.2	1.3	550.1
71	0.0	--	86.2	23.5	370.7	29.9	510.3
72	0.0	0.0	55.5	0.0	451.0	--	506.5
73	0.0	0.0	35.0	13.2	343.1	0.0	391.3
74	0.0	0.0	87.4	68.5	154.0	0.0	309.9
75	0.0	0.0	7.4	37.0	305.6	--	350.0
76	0.0	0.0	0.0	19.0	1,059.0	0.0	1,078.0
77	0.0	0.0	--	0.0	15.5	0.0	15.5
78	0.0	0.0	12.6	219.3	431.0	0.0	662.9
79	0.0	--	--	186.9	296.8	0.0	483.7
80	0.0	--	--	--	14.1	0.0	14.1
81	0.0	--	--	3.3	353.3	--	356.6
82	0.0	82.9	0.1	16.3	513.6	24.9	637.8
83	0.0	23.6	--	21.5	57.1	41.4	143.6
84	0.0	19.7	117.1	1,391.8	109.7	16.9	1,655.2
85	0.0	7.1	62.0	1,462.3	48.8	1.9	1,582.1
86	0.0	40.2	83.2	563.5	115.2	16.1	818.2
87	0.0	23.6	321.4	533.1	59.0	8.4	945.5
88	0.0	--	106.1	724.1	127.7	--	957.9
89	0.0	--	122.3	942.7	76.1	--	1,141.1
90	0.0	--	354.9	123.8	35.6	0.2	514.5
91	0.0	2.5	10.5	--	1.3	0.9	15.2
92	0.0	53.4	14.0	19.8	1.2	27.1	115.5
93	0.6	34.2	8.4	--	39.6	0.6	83.4
Total	0.6	332.7	1,862.9	6,413.7	8,206.5	180.6	16,997.0

Table 18. Category 410 (other rockfish) landings (mt) from the 51-80 fm depth strata by PMFC area, 1963-93. fm= fathoms

Year	PMFC AREA (fm)						Total
	1C	2A	2B	2C	3A	3B	
63	0.0	0.0	112.4	6.0	478.0	--	596.4
64	0.0	0.0	0.0	27.4	756.8	--	784.2
65	0.0	0.0	--	532.6	316.2	0.0	848.8
66	0.0	0.0	--	430.0	527.0	0.0	957.0
67	0.0	0.0	--	--	401.3	0.0	401.3
68	0.0	--	322.3	90.8	538.4	127.2	1,078.7
69	0.0	40.1	165.6	0.0	97.4	94.3	397.4
70	0.0	0.0	122.7	0.0	320.3	32.1	475.1
71	0.0	17.3	326.8	36.3	61.6	83.5	525.5
72	0.0	0.0	112.0	0.0	412.6	141.1	665.7
73	0.0	0.0	314.6	228.1	519.2	0.0	1,061.9
74	0.0	0.0	194.5	9.6	398.8	0.0	602.9
75	0.0	0.0	190.2	35.0	379.3	22.7	627.2
76	0.0	0.0	0.0	23.2	360.3	0.0	383.5
77	0.0	0.0	185.4	100.9	1,290.8	0.0	1,577.1
78	0.0	0.0	512.4	75.3	1,413.3	0.0	2,001.0
79	0.0	603.7	2,517.1	--	1,018.9	0.0	4,139.7
80	0.0	276.9	684.9	--	2,312.0	0.0	3,273.8
81	0.0	290.1	2,524.3	862.5	818.4	40.8	4,536.1
82	0.0	1,109.8	2,521.2	1,627.0	311.7	146.3	5,716.0
83	0.0	552.8	696.0	764.2	1,028.7	148.1	3,189.8
84	0.0	27.6	280.5	19.2	176.9	42.4	546.6
85	0.0	7.0	216.2	1.1	56.0	72.1	352.4
86	0.0	46.4	177.2	0.7	39.3	--	263.6
87	0.0	--	97.1	1.8	108.7	41.4	249.0
88	0.0	--	132.5	0.0	98.0	11.0	241.5
89	0.0	55.1	187.1	74.6	96.3	110.3	523.4
90	0.0	92.1	85.0	--	125.5	9.3	311.9
91	0.0	17.2	564.8	116.1	100.4	247.2	1,045.7
92	0.0	23.4	472.9	157.7	204.9	111.6	970.5
93	2.5	71.3	336.2	637.4	54.1	74.4	1,175.9
Total	2.5	3,230.8	14,051.9	5,857.5	14,821.1	1,555.8	39,519.6

Table 19. Category 410 (other rockfish) landings (mt) from the 81-120 fm depth strata by PMFC area, 1963-93. fm = fathoms

Year	PMFC AREA (fm)						Total
	1C	2A	2B	2C	3A	3B	
63	0.0	0.0	96.9	252.4	295.8	43.8	688.9
64	0.0	0.0	0.0	262.9	258.0	53.1	574.0
65	0.0	0.0	252.6	32.7	167.3	0.0	452.6
66	0.0	0.0	86.5	--	510.7	0.0	597.2
67	0.0	0.0	10.5	332.9	425.1	0.0	768.5
68	0.0	--	8.3	--	126.4	--	134.7
69	0.0	21.2	64.4	0.0	246.0	--	331.6
70	0.0	0.0	104.7	0.0	--	33.3	138.0
71	0.0	64.3	100.0	--	87.5	--	251.8
72	0.0	0.0	409.4	0.0	--	--	409.4
73	0.0	0.0	10.1	--	--	0.0	10.1
74	0.0	0.0	5.2	35.3	81.8	0.0	122.3
75	0.0	0.0	23.9	6.3	0.3	--	30.5
76	0.0	0.0	0.0	--	--	0.0	0.0
77	0.0	0.0	262.7	0.0	170.1	0.0	432.8
78	0.0	0.0	296.2	--	815.5	0.0	1,111.7
79	0.0	--	--	1,389.9	1,131.5	0.0	2,521.4
80	0.0	--	514.2	609.4	1,864.9	0.0	2,988.5
81	0.0	4.6	--	405.9	1,556.9	10.1	1,977.5
82	0.0	125.9	1,274.5	859.0	642.5	392.1	3,294.0
83	0.0	346.9	2,868.4	2,826.5	1,357.1	252.2	7,651.1
84	0.0	114.1	151.9	21.1	342.1	107.4	736.6
85	0.0	62.1	165.2	17.0	723.2	6.2	973.7
86	0.0	--	164.6	2.1	380.9	63.9	611.5
87	0.0	80.1	232.2	23.3	514.1	89.4	939.1
88	0.0	48.3	306.9	76.3	528.1	33.0	992.6
89	0.0	57.2	203.5	136.8	470.0	103.0	970.5
90	0.0	5.0	127.7	8.6	428.4	89.5	659.2
91	0.0	--	458.2	81.5	239.7	557.8	1,337.2
92	0.0	0.4	170.3	425.7	166.0	495.6	1,258.0
93	0.1	17.2	233.6	173.8	361.6	403.5	1,189.8
Total	0.1	947.3	8,602.6	7,979.4	13,891.5	2,733.9	34,154.8

Table 20. Category 410 (other rockfish) landings (mt) from the >120 fm depth strata by PMFC area, 1963-93. fm = fathoms

Year	PMFC AREA (fm)						Total
	1C	2A	2B	2C	3A	3B	
63	0.0	0.0	230.6	89.5	7.0	--	327.1
64	0.0	0.0	0.0	--	0.1	--	0.1
65	0.0	0.0	--	144.1	7.6	0.0	151.7
66	0.0	0.0	--	--	7.5	0.0	7.5
67	0.0	0.0	154.7	--	78.6	0.0	233.3
68	0.0	--	7.3	0.3	--	--	7.6
69	0.0	--	53.1	0.0	--	--	53.1
70	0.0	0.0	156.7	0.0	--	2.2	158.9
71	0.0	--	21.3	--	0.0	--	21.3
72	0.0	0.0	62.7	0.0	--	--	62.7
73	0.0	0.0	5.9	--	--	0.0	5.9
74	0.0	0.0	--	--	--	0.0	0.0
75	0.0	0.0	72.0	0.2	--	--	72.2
76	0.0	0.0	0.0	--	--	0.0	0.0
77	0.0	0.0	38.2	0.0	--	0.0	38.2
78	0.0	0.0	35.4	208.6	--	0.0	244.0
79	0.0	--	2.8	703.3	340.5	0.0	1,046.6
80	0.0	39.9	188.4	--	--	0.0	228.3
81	0.0	75.2	15.2	81.5	918.7	--	1,090.6
82	0.0	--	0.3	329.5	80.3	21.3	431.4
83	0.0	58.4	92.3	679.5	90.6	12.2	933.0
84	0.0	102.9	58.4	0.4	46.3	4.8	212.8
85	0.0	101.2	176.2	92.9	179.6	162.0	711.9
86	0.0	22.5	141.6	178.4	158.8	122.1	623.4
87	0.0	48.8	110.5	354.0	307.8	24.5	845.6
88	0.0	87.2	135.7	244.8	454.1	53.6	975.4
89	0.0	--	98.1	136.9	443.7	35.9	714.6
90	0.0	--	65.1	140.4	459.3	20.6	685.4
91	0.0	12.0	153.2	609.1	288.5	140.9	1,203.7
92	0.0	11.3	14.7	279.7	240.7	41.5	587.9
93	1.5	10.4	27.5	228.4	153.9	107.1	528.8
Total	1.5	569.8	2,117.9	4,501.5	4,263.6	748.7	12,203.0

APPENDIX A

List of Scientific and Common Names for *Scorpaenidae* Sampled
in Oregon Landings, 1963-93

APPENDIX A

List of Scientific and Common Names for *Scorpaenidae* Sampled in Oregon Landings, 1963-93

Genus, Species	Common Name
<i>Sebastolobus:</i>	
<i>alascanus</i>	shortspine thornyhead
<i>altivelis</i>	longspine thornyhead
<i>Sebastes:</i>	
<i>aleutianus</i>	rougheye rockfish
<i>alutus</i>	Pacific ocean perch
<i>aurora</i>	aurora rockfish
<i>babcocki</i>	redbanded rockfish
<i>borealis</i>	shortraker rockfish
<i>brevispinis</i>	silvergray rockfish
<i>caurinus</i>	copper rockfish
<i>chlorostictus</i>	greenspotted rockfish
<i>crameri</i>	darkblotched rockfish
<i>diploproa</i>	splitnose rockfish
<i>elongatus</i>	greenstriped rockfish
<i>entomelas</i>	widow rockfish
<i>flavidus</i>	yellowtail rockfish
<i>goodei</i>	chilipepper rockfish
<i>helvomaculatus</i>	rosethorn rockfish
<i>jordani</i>	shortbelly rockfish
<i>maliger</i>	quillback rockfish
<i>melanops</i>	black rockfish
<i>melanostomus</i>	blackgill rockfish
<i>miniatus</i>	vermillion rockfish
<i>mystinus</i>	blue rockfish
<i>nebulosus</i>	China rockfish
<i>nigrocinctus</i>	tiger rockfish
<i>ovalis</i>	speckled rockfish
<i>paucispinis</i>	bocaccio
<i>pinniger</i>	canary rockfish
<i>proriger</i>	redstripe rockfish
<i>reedi</i>	yellowmouth rockfish
<i>rosaceus</i>	rosy rockfish
<i>ruberrimus</i>	yelloweye rockfish
<i>rufus</i>	bank rockfish
<i>saxicola</i>	stripetail rockfish
<i>wilsoni</i>	pygmy rockfish
<i>zacentrus</i>	sharpchin rockfish

APPENDIX B

Tables of Oregon Landings by Species Category,
PMFC Area, and Species

Appendix Table B-1. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1963.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B*
<i>S. alutus</i>	--	359.4	1,611.1	1,422.4	--
<i>S. aurora</i>	--	0.0	0.0	0.0	--
<i>S. babcocki</i>	--	0.0	3.3	0.0	--
<i>S. brevispinus</i>	--	0.0	0.0	1.5	--
<i>S. borealis</i>	--	0.0	0.0	0.0	--
<i>S. crameri</i>	--	40.5	8.1	41.5	--
<i>S. diploproa</i>	--	0.0	11.5	0.0	--
<i>S. elongatus</i>	--	0.0	0.0	0.0	--
<i>S. entomelas</i>	--	0.0	0.0	1.5	--
<i>S. flavidus</i>	--	7.6	0.0	3.0	--
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	--
<i>S. melanops</i>	--	0.0	0.0	0.0	--
<i>S. paucispinus</i>	--	5.5	0.0	0.0	--
<i>S. pinniger</i>	--	3.8	0.1	0.0	--
<i>S. proriger</i>	--	0.0	0.0	0.0	--
<i>S. reedi</i>	--	0.0	0.0	0.0	--
<i>S. rubberimus</i>	--	0.0	0.0	0.0	--
<i>S. saxicola</i>	--	0.0	0.0	1.5	--
<i>S. zacentrus</i>	--	3.8	0.0	0.0	--
<i>S. alascanus</i>	--	0.0	0.0	0.0	--
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	--
<i>S. aleutianus</i>	--	0.0	0.0	0.0	--
<i>S. goodei</i>	--	1.7	0.1	10.4	--
Other	--	0.0	3.3	0.1	--
Total mt Landed	0.9	422.3	1,637.5	1,481.9	75.8
Sampled mt	0.0	10.3	214.6	145.0	0.0

*PMFC areas 2A & 3B not sampled.

Appendix Table B-2. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1964.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B
<i>S. alutus</i>	--	1,090.8	1,617.8	932.2	365.1
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.1	8.4	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	22.7	6.9	96.4	8.6
<i>S. diploproa</i>	--	0.0	8.5	10.5	2.3
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	0.0	49.4	0.0	0.0
<i>S. flavidus</i>	--	0.0	3.4	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	1.7	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	22.7	3.4	0.0	0.0
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	6.9	0.1	0.0
<i>S. alascanus</i>	--	0.0	0.1	0.1	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	5.1	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.1	0.0
Total mt Landed	0.5	1,136.2	1,703.3	1,047.8	376.0
Sampled mt	0.0	11.4	273.8	171.1	38.1

*PMFC area 2A not sampled.

Appendix Table B-3. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1965.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B*
<i>S. alutus</i>	--	816.2	3,326.5	1,094.4	--
<i>S. aurora</i>	--	0.0	0.0	0.0	--
<i>S. babcocki</i>	--	26.6	0.0	1.2	--
<i>S. brevispinus</i>	--	0.0	0.0	0.0	--
<i>S. borealis</i>	--	0.0	0.0	0.0	--
<i>S. crameri</i>	--	16.9	112.4	43.8	--
<i>S. diploproa</i>	--	0.0	541.8	4.9	--
<i>S. elongatus</i>	--	0.0	0.0	1.2	--
<i>S. entomelas</i>	--	0.0	0.0	6.1	--
<i>S. flavidus</i>	--	8.9	0.0	8.5	--
<i>S. helvomaculatus</i>	--	0.0	16.1	0.1	--
<i>S. melanops</i>	--	0.0	0.0	0.0	--
<i>S. paucispinus</i>	--	13.3	0.0	2.4	--
<i>S. pinniger</i>	--	0.0	0.0	3.6	--
<i>S. proriger</i>	--	0.0	0.0	13.4	--
<i>S. reedi</i>	--	0.0	0.0	15.8	--
<i>S. rubberimus</i>	--	0.0	0.0	0.1	--
<i>S. saxicola</i>	--	0.0	0.0	7.3	--
<i>S. zacentrus</i>	--	5.3	0.0	1.2	--
<i>S. alascanus</i>	--	0.0	16.1	2.4	--
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	--
<i>S. aleutianus</i>	--	0.0	0.0	6.1	--
<i>S. goodei</i>	--	0.0	0.0	0.0	--
Other	--	0.0	0.0	3.6	--
Total mt Landed	0.1	887.2	4,012.9	1,216.1	13.6
Sampled mt	0.0	32.8	53.7	662.5	0.0

*PMFC areas 2A & 3B not sampled.

Appendix Table B-4. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1966.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B*
<i>S. alutus</i>	--	112.6	686.0	462.0	--
<i>S. aurora</i>	--	0.0	0.0	0.0	--
<i>S. babcocki</i>	--	0.0	0.1	0.0	--
<i>S. brevispinus</i>	--	0.0	4.9	0.5	--
<i>S. borealis</i>	--	0.0	0.0	0.0	--
<i>S. crameri</i>	--	77.9	160.9	18.5	--
<i>S. diploproa</i>	--	0.0	43.4	2.1	--
<i>S. elongatus</i>	--	0.0	0.1	0.5	--
<i>S. entomelas</i>	--	0.0	13.8	2.6	--
<i>S. flavidus</i>	--	0.0	2.0	3.6	--
<i>S. helvomaculatus</i>	--	0.0	0.0	0.1	--
<i>S. melanops</i>	--	0.0	0.0	0.0	--
<i>S. paucispinus</i>	--	0.0	18.8	1.0	--
<i>S. pinniger</i>	--	0.0	6.9	1.5	--
<i>S. proriger</i>	--	0.0	18.8	5.6	--
<i>S. reedi</i>	--	0.0	6.9	6.7	--
<i>S. rubberimus</i>	--	0.0	0.1	0.1	--
<i>S. saxicola</i>	--	0.0	4.9	3.1	--
<i>S. zacentrus</i>	--	0.0	10.9	0.5	--
<i>S. alascanus</i>	--	0.0	6.9	1.0	--
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	--
<i>S. aleutianus</i>	--	0.0	2.0	2.6	--
<i>S. goodei</i>	--	0.0	0.0	0.0	--
Other	--	0.0	0.1	1.5	--
Total mt Landed	9.5	190.5	987.5	513.5	10.0
Sampled mt	0.0	9.8	19.5	115.7	0.0

*PMFC areas 2A & 3B not sampled.

Appendix Table B-5. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1967.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B*
<i>S. alutus</i>	--	5.2	148.6	120.8	--
<i>S. aurora</i>	--	0.0	0.0	0.0	--
<i>S. babcocki</i>	--	1.0	4.2	1.0	--
<i>S. brevispinus</i>	--	0.0	0.0	0.4	--
<i>S. borealis</i>	--	0.0	0.0	0.0	--
<i>S. cramerii</i>	--	72.8	25.3	40.4	--
<i>S. diploproa</i>	--	32.4	8.3	1.0	--
<i>S. elongatus</i>	--	0.0	0.0	0.2	--
<i>S. entomelas</i>	--	0.0	0.4	2.3	--
<i>S. flavidus</i>	--	0.6	0.4	0.6	--
<i>S. helvomaculatus</i>	--	0.0	0.4	0.0	--
<i>S. melanops</i>	--	0.6	0.0	0.0	--
<i>S. paucispinus</i>	--	0.0	0.0	1.0	--
<i>S. pinniger</i>	--	0.0	0.4	0.2	--
<i>S. proriger</i>	--	0.0	0.4	12.2	--
<i>S. reedi</i>	--	0.2	206.7	17.2	--
<i>S. rubberimus</i>	--	0.0	4.2	0.0	--
<i>S. saxicola</i>	--	0.0	7.5	3.5	--
<i>S. zacentrus</i>	--	0.0	7.5	0.8	--
<i>S. alascanus</i>	--	3.3	0.8	0.8	--
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	--
<i>S. aleutianus</i>	--	0.0	0.8	3.9	--
<i>S. goodei</i>	--	0.0	0.0	0.0	--
Other	--	0.0	0.4	1.0	--
Total mt Landed	0.0	116.1	416.3	207.3	7.3
Sampled mt	0.0	20.9	23.1	207.3	0.0

*PMFC areas 2A & 3B not sampled.

Appendix Table B-6. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1968.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B
S. alutus	--	0.1	149.0	28.0	24.3
S. aurora	--	0.0	0.0	0.0	0.0
S. babcocki	--	0.1	0.0	0.1	0.1
S. brevispinus	--	0.0	0.0	0.0	0.0
S. borealis	--	0.0	0.0	0.0	0.0
S. crameri	--	1.2	0.0	3.2	0.0
S. diploproa	--	73.6	4.5	0.3	0.0
S. elongatus	--	0.0	0.0	0.1	0.0
S. entomelas	--	0.0	0.0	1.5	0.0
S. flavidus	--	0.0	0.0	0.3	0.0
S. helvomaculatus	--	0.0	0.0	0.1	0.0
S. melanops	--	0.0	0.0	0.0	0.0
S. paucispinus	--	0.0	0.0	0.0	0.0
S. pinniger	--	1.9	0.0	0.3	0.0
S. proriger	--	0.0	0.0	0.7	0.0
S. reedi	--	0.1	31.8	17.5	0.0
S. rubberimus	--	0.0	0.0	0.0	0.0
S. saxicola	--	0.0	0.0	0.1	0.0
S. zacentrus	--	0.0	0.0	1.0	0.0
S. alascanus	--	0.0	18.2	0.3	0.1
S. chlorostictus	--	0.0	0.0	0.0	0.0
S. aleutianus	--	0.1	0.0	0.8	0.1
S. goodei	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.6	0.1	0.0
Total mt Landed	0.0	77.1	204.1	54.4	24.6
Sampled mt	0.0	5.7	2.0	4.3	24.6

*PMFC area 2A not sampled.

Appendix Table B-7. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1969.

Species	PMFC AREA				
	2A*	2B*	2C*	3A	3B*
<i>S. alutus</i>	--	--	--	15.6	--
<i>S. aurora</i>	--	--	--	0.0	--
<i>S. babcocki</i>	--	--	--	0.1	--
<i>S. brevispinus</i>	--	--	--	0.0	--
<i>S. borealis</i>	--	--	--	0.0	--
<i>S. crameri</i>	--	--	--	1.0	--
<i>S. diploproa</i>	--	--	--	0.1	--
<i>S. elongatus</i>	--	--	--	0.0	--
<i>S. entomelas</i>	--	--	--	0.0	--
<i>S. flavidus</i>	--	--	--	0.0	--
<i>S. helvomaculatus</i>	--	--	--	0.0	--
<i>S. melanops</i>	--	--	--	0.1	--
<i>S. paucispinus</i>	--	--	--	0.1	--
<i>S. pinniger</i>	--	--	--	2.6	--
<i>S. proriger</i>	--	--	--	0.0	--
<i>S. reedi</i>	--	--	--	0.1	--
<i>S. rubberimus</i>	--	--	--	0.1	--
<i>S. saxicola</i>	--	--	--	0.0	--
<i>S. zacentrus</i>	--	--	--	0.0	--
<i>S. alascanus</i>	--	--	--	0.6	--
<i>S. chlorostictus</i>	--	--	--	0.0	--
<i>S. aleutianus</i>	--	--	--	0.4	--
<i>S. goodei</i>	--	--	--	0.0	--
Other	--	--	--	0.1	--
Total mt Landed	10.4	98.9	151.9	20.9	0.0
Sampled mt	0.0	0.0	0.0	4.8	0.0

*PMFC areas 2A, 2B, 2C & 3B not sampled.

Appendix Table B-8. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1970.

Species	PMFC AREA				
	2A*	2B*	2C	3A	3B*
<i>S. alutus</i>	--	--	118.2	24.3	--
<i>S. aurora</i>	--	--	0.0	0.0	--
<i>S. babcocki</i>	--	--	0.0	0.5	--
<i>S. brevispinus</i>	--	--	2.8	0.3	--
<i>S. borealis</i>	--	--	0.0	0.0	--
<i>S. cramerii</i>	--	--	30.9	3.0	--
<i>S. diploproa</i>	--	--	0.0	0.2	--
<i>S. elongatus</i>	--	--	0.0	0.0	--
<i>S. entomelas</i>	--	--	0.0	0.0	--
<i>S. flavidus</i>	--	--	0.0	0.0	--
<i>S. helvomaculatus</i>	--	--	0.0	0.0	--
<i>S. melanops</i>	--	--	0.0	0.0	--
<i>S. paucispinus</i>	--	--	0.0	0.4	--
<i>S. pinniger</i>	--	--	0.0	0.1	--
<i>S. proriger</i>	--	--	0.0	3.0	--
<i>S. reedi</i>	--	--	36.0	1.1	--
<i>S. rubberimus</i>	--	--	0.0	0.0	--
<i>S. saxicola</i>	--	--	0.0	0.0	--
<i>S. zacentrus</i>	--	--	0.0	0.1	--
<i>S. alascanus</i>	--	--	0.8	0.1	--
<i>S. chlorostictus</i>	--	--	0.0	0.0	--
<i>S. aleutianus</i>	--	--	0.0	0.0	--
<i>S. goodei</i>	--	--	0.0	0.0	--
Other	--	--	0.0	0.0	--
Total mt Landed	0.1	57.6	188.7	33.1	0.9
Sampled mt	0.0	0.0	32.6	31.4	0.0

*PMFC areas 2A, 2B & 3B not sampled.

Appendix Table B-9. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1971.

Species	PMFC AREA				
	2A	2B	2C*	3A	3B*
<i>S. alutus</i>	2.5	26.3	--	64.1	--
<i>S. aurora</i>	0.0	0.0	--	0.0	--
<i>S. babcocki</i>	0.5	6.3	--	4.0	--
<i>S. brevispinus</i>	0.0	0.0	--	0.7	--
<i>S. borealis</i>	0.0	0.0	--	0.0	--
<i>S. crameri</i>	8.0	40.3	--	16.3	--
<i>S. diploproa</i>	2.2	13.1	--	2.3	--
<i>S. elongatus</i>	0.0	1.5	--	0.3	--
<i>S. entomelas</i>	0.1	3.8	--	0.0	--
<i>S. flavidus</i>	0.0	2.3	--	0.3	--
<i>S. helvomaculatus</i>	0.0	0.0	--	0.0	--
<i>S. melanops</i>	0.0	0.8	--	0.0	--
<i>S. paucispinus</i>	0.2	23.2	--	1.7	--
<i>S. pinniger</i>	0.0	7.8	--	0.0	--
<i>S. proriger</i>	0.0	7.8	--	0.6	--
<i>S. reedi</i>	0.0	0.0	--	0.3	--
<i>S. rubberimus</i>	0.0	0.8	--	0.6	--
<i>S. saxicola</i>	0.0	1.5	--	2.7	--
<i>S. zacentrus</i>	0.0	0.0	--	2.3	--
<i>S. alascanus</i>	0.1	51.1	--	3.0	--
<i>S. chlorostictus</i>	0.0	0.0	--	0.0	--
<i>S. aleutianus</i>	0.0	2.7	--	1.0	--
<i>S. goodei</i>	0.0	0.0	--	0.0	--
Other	0.0	0.8	--	0.0	--
Total mt Landed	13.6	190.1	96.2	100.2	2.7
Sampled mt	13.6	11.1	0.0	13.6	0.0

*PMFC areas 2C & 3B not sampled.

Appendix Table B-10. Species composition of category 413 (Pacific ocean perch) landings (metric tons by PMFC area, 1972).

Species	PMFC AREA				
	2A*	2B	2C*	3A	3B*
<i>S. alutus</i>	--	9.8	--	43.7	--
<i>S. aurora</i>	--	0.0	--	0.0	--
<i>S. babcocki</i>	--	8.6	--	2.0	--
<i>S. brevispinus</i>	--	0.0	--	0.0	--
<i>S. borealis</i>	--	0.0	--	0.0	--
<i>S. crameri</i>	--	58.1	--	6.6	--
<i>S. diploproa</i>	--	17.8	--	0.1	--
<i>S. elongatus</i>	--	0.0	--	0.1	--
<i>S. entomelas</i>	--	0.1	--	0.2	--
<i>S. flavidus</i>	--	1.1	--	3.5	--
<i>S. helvomaculatus</i>	--	0.0	--	0.0	--
<i>S. melanops</i>	--	0.0	--	0.5	--
<i>S. paucispinus</i>	--	2.7	--	0.1	--
<i>S. pinniger</i>	--	1.3	--	1.4	--
<i>S. proriger</i>	--	0.0	--	0.1	--
<i>S. reedi</i>	--	0.0	--	0.0	--
<i>S. rubberimus</i>	--	0.0	--	0.0	--
<i>S. saxicola</i>	--	1.9	--	0.1	--
<i>S. zacentrus</i>	--	0.0	--	0.2	--
<i>S. alascanus</i>	--	3.7	--	2.0	--
<i>S. chlorostictus</i>	--	0.0	--	0.0	--
<i>S. aleutianus</i>	--	0.1	--	0.6	--
<i>S. goodei</i>	--	0.0	--	0.0	--
Other	--	0.0	--	2.7	--
Total mt Landed	3.6	105.2	99.8	63.9	0.5
Sampled mt	0.0	9.5	0.0	15.9	0.0

*PMFC areas 2A, 2C & 3B not sampled.

Appendix Table B-11. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1973.

Species	PMFC AREA				
	2A	2B	2C	3A	3B*
<i>S. alutus</i>	0.1	7.2	35.0	62.7	--
<i>S. aurora</i>	0.1	0.2	0.0	0.0	--
<i>S. babcocki</i>	0.0	4.3	0.0	1.2	--
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	--
<i>S. borealis</i>	0.0	0.0	0.0	0.0	--
<i>S. crameri</i>	0.0	23.8	22.0	13.6	--
<i>S. diploproa</i>	0.0	8.5	0.1	0.0	--
<i>S. elongatus</i>	0.0	0.7	0.0	0.5	--
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	--
<i>S. flavidus</i>	0.1	1.1	0.0	0.0	--
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	--
<i>S. melanops</i>	0.0	0.0	0.0	0.0	--
<i>S. paucispinus</i>	0.0	5.8	0.0	0.0	--
<i>S. pinniger</i>	0.1	11.6	0.0	0.0	--
<i>S. proriger</i>	0.0	0.0	0.0	0.0	--
<i>S. reedi</i>	0.0	0.0	1.8	0.3	--
<i>S. rubberimus</i>	0.0	0.4	0.0	0.0	--
<i>S. saxicola</i>	0.0	1.7	0.0	0.0	--
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	--
<i>S. alascanus</i>	1.9	34.7	0.0	0.0	--
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	--
<i>S. aleutianus</i>	0.0	1.1	0.0	0.4	--
<i>S. goodei</i>	0.0	0.0	0.0	0.0	--
Other	0.0	0.5	0.0	2.0	--
Total mt Landed	2.3	101.6	58.9	80.7	0.0
Sampled mt	1.9	20.5	19.5	4.0	0.0

*PMFC area 3B not sampled.

Appendix Table B-12. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1974.

Species	PMFC AREA				
	2A*	2B	2C*	3A	3B*
<i>S. alutus</i>	--	25.9	--	76.3	--
<i>S. aurora</i>	--	0.0	--	0.0	--
<i>S. babcocki</i>	--	3.9	--	5.2	--
<i>S. brevispinus</i>	--	0.0	--	0.0	--
<i>S. borealis</i>	--	0.0	--	0.0	--
<i>S. crameri</i>	--	88.3	--	12.4	--
<i>S. diploproa</i>	--	30.7	--	0.1	--
<i>S. elongatus</i>	--	0.3	--	0.0	--
<i>S. entomelas</i>	--	0.2	--	5.0	--
<i>S. flavidus</i>	--	0.3	--	0.0	--
<i>S. helvomaculatus</i>	--	0.0	--	0.0	--
<i>S. melanops</i>	--	0.0	--	0.0	--
<i>S. paucispinus</i>	--	1.6	--	0.0	--
<i>S. pinniger</i>	--	0.4	--	0.0	--
<i>S. proriger</i>	--	0.0	--	0.0	--
<i>S. reedi</i>	--	0.0	--	45.1	--
<i>S. rubberimus</i>	--	0.3	--	0.0	--
<i>S. saxicola</i>	--	1.2	--	0.0	--
<i>S. zacentrus</i>	--	0.2	--	0.0	--
<i>S. alascanus</i>	--	18.1	--	0.0	--
<i>S. chlorostictus</i>	--	0.0	--	0.0	--
<i>S. aleutianus</i>	--	1.0	--	0.1	--
<i>S. goodei</i>	--	0.0	--	0.0	--
Other	--	0.0	--	0.0	--
Total mt Landed	0.1	172.4	24.0	144.2	0.0
Sampled mt	0.0	30.0	0.0	18.6	0.0

*PMFC areas 2A, 2C & 3B not sampled.

Appendix Table B-13. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1975.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B*
<i>S. alutus</i>	--	18.8	38.9	125.1	--
<i>S. aurora</i>	--	0.6	0.0	0.0	--
<i>S. babcocki</i>	--	1.3	2.7	1.1	--
<i>S. brevispinus</i>	--	0.0	0.0	0.6	--
<i>S. borealis</i>	--	0.6	0.0	0.0	--
<i>S. crameri</i>	--	28.6	40.7	26.4	--
<i>S. diploproa</i>	--	10.0	0.0	0.1	--
<i>S. elongatus</i>	--	0.0	2.0	1.4	--
<i>S. entomelas</i>	--	0.8	0.0	0.3	--
<i>S. flavidus</i>	--	1.1	0.0	0.8	--
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	--
<i>S. melanops</i>	--	0.0	0.0	0.0	--
<i>S. paucispinus</i>	--	1.4	0.0	0.0	--
<i>S. pinniger</i>	--	1.8	0.0	1.5	--
<i>S. proriger</i>	--	0.0	0.0	0.2	--
<i>S. reedi</i>	--	0.0	0.0	0.2	--
<i>S. rubberimus</i>	--	0.0	0.0	0.4	--
<i>S. saxicola</i>	--	0.0	0.0	1.0	--
<i>S. zacentrus</i>	--	2.2	0.0	0.6	--
<i>S. alascanus</i>	--	28.3	85.3	3.8	--
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	--
<i>S. aleutianus</i>	--	1.4	0.0	0.2	--
<i>S. goodei</i>	--	1.5	0.0	0.0	--
Other	--	0.0	0.0	0.0	--
Total mt Landed	3.2	98.4	169.6	163.7	0.5
Sampled mt	0.0	25.3	4.0	53.6	0.0

*PMFC areas 2A & 3B not sampled.

Appendix Table B-14. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1976.

Species	PMFC AREA				
	2A*	2B*	2C	3A	3B*
<i>S. alutus</i>	--	--	352.2	175.9	--
<i>S. aurora</i>	--	--	0.0	0.0	--
<i>S. babcocki</i>	--	--	2.3	0.0	--
<i>S. brevispinus</i>	--	--	0.0	0.0	--
<i>S. borealis</i>	--	--	0.0	0.0	--
<i>S. crameri</i>	--	--	200.4	44.6	--
<i>S. diploproa</i>	--	--	0.1	0.1	--
<i>S. elongatus</i>	--	--	1.2	0.1	--
<i>S. entomelas</i>	--	--	0.0	0.5	--
<i>S. flavidus</i>	--	--	0.0	0.2	--
<i>S. helvomaculatus</i>	--	--	0.0	0.0	--
<i>S. melanops</i>	--	--	0.0	0.0	--
<i>S. paucispinus</i>	--	--	0.0	0.0	--
<i>S. pinniger</i>	--	--	0.0	11.1	--
<i>S. proriger</i>	--	--	0.0	0.0	--
<i>S. reedi</i>	--	--	0.0	0.0	--
<i>S. rubberimus</i>	--	--	0.0	0.0	--
<i>S. saxicola</i>	--	--	0.0	0.0	--
<i>S. zacentrus</i>	--	--	0.0	0.1	--
<i>S. alascanus</i>	--	--	26.2	12.8	--
<i>S. chlorostictus</i>	--	--	0.0	0.0	--
<i>S. aleutianus</i>	--	--	0.0	0.0	--
<i>S. goodei</i>	--	--	0.0	0.0	--
Other	--	--	0.0	0.0	--
Total mt Landed	0.9	190.1	582.4	245.4	0.1
Sampled mt	0.0	0.0	22.8	24.8	0.0

*PMFC areas 2A, 2B & 3B not sampled.

Appendix Table B-15. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1977.

Species	PMFC AREA				
	2A*	2B*	2C	3A	3B*
<i>S. alutus</i>	--	--	86.7	321.0	--
<i>S. aurora</i>	--	--	0.0	0.0	--
<i>S. babcocki</i>	--	--	0.0	0.4	--
<i>S. brevispinus</i>	--	--	0.0	0.0	--
<i>S. borealis</i>	--	--	0.0	0.0	--
<i>S. crameri</i>	--	--	56.0	33.4	--
<i>S. diploproa</i>	--	--	5.4	0.4	--
<i>S. elongatus</i>	--	--	0.0	0.4	--
<i>S. entomelas</i>	--	--	0.0	1.3	--
<i>S. flavidus</i>	--	--	0.0	0.0	--
<i>S. helvomaculatus</i>	--	--	0.0	0.4	--
<i>S. melanops</i>	--	--	0.0	0.0	--
<i>S. paucispinus</i>	--	--	0.0	0.0	--
<i>S. pinniger</i>	--	--	0.0	0.0	--
<i>S. proriger</i>	--	--	0.0	0.4	--
<i>S. reedi</i>	--	--	0.0	6.4	--
<i>S. rubberimus</i>	--	--	0.0	0.0	--
<i>S. saxicola</i>	--	--	0.0	0.0	--
<i>S. zacentrus</i>	--	--	0.1	2.3	--
<i>S. alascanus</i>	--	--	28.9	9.4	--
<i>S. chlorostictus</i>	--	--	0.0	0.0	--
<i>S. aleutianus</i>	--	--	0.0	0.0	--
<i>S. goodei</i>	--	--	0.0	0.0	--
Other	--	--	4.0	0.0	--
Total mt Landed	11.8	107.8	181.1	375.8	0.0
Sampled mt	0.0	0.0	41.9	47.9	0.0

*PMFC areas 2A, 2B & 3B not sampled.

Appendix Table B-16. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1978.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B*
<i>S. alutus</i>	--	1.8	59.3	272.2	--
<i>S. aurora</i>	--	0.0	0.5	0.3	--
<i>S. babcocki</i>	--	1.0	8.6	1.6	--
<i>S. brevispinus</i>	--	0.0	0.0	1.6	--
<i>S. borealis</i>	--	0.0	0.0	0.0	--
<i>S. crameri</i>	--	7.6	25.2	4.8	--
<i>S. diploproa</i>	--	1.6	7.6	6.1	--
<i>S. elongatus</i>	--	1.4	0.5	4.2	--
<i>S. entomelas</i>	--	0.1	0.9	0.3	--
<i>S. flavidus</i>	--	0.2	0.0	0.0	--
<i>S. helvomaculatus</i>	--	0.0	0.1	0.1	--
<i>S. melanops</i>	--	0.0	0.0	0.0	--
<i>S. paucispinus</i>	--	0.0	0.3	2.3	--
<i>S. pinniger</i>	--	0.2	0.1	1.6	--
<i>S. proriger</i>	--	0.0	0.0	1.3	--
<i>S. reedi</i>	--	0.1	1.1	0.3	--
<i>S. rubberimus</i>	--	0.0	0.4	0.6	--
<i>S. saxicola</i>	--	0.1	0.5	0.1	--
<i>S. zacentrus</i>	--	0.1	0.3	18.7	--
<i>S. alascanus</i>	--	7.8	21.7	5.2	--
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	--
<i>S. aleutianus</i>	--	0.2	6.0	0.1	--
<i>S. goodei</i>	--	0.0	0.0	0.0	--
Other	--	0.0	0.0	0.1	--
Total mt Landed	6.6	22.2	133.1	321.5	--
Sampled mt	0.0	7.7	64.1	217.3	0.0

*PMFC areas 2A & 3B not sampled.

Appendix Table B-17. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1979.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B*
<i>S. alutus</i>	--	0.9	53.6	488.0	--
<i>S. aurora</i>	--	0.0	0.0	0.0	--
<i>S. babcocki</i>	--	0.6	0.0	0.5	--
<i>S. brevispinus</i>	--	0.0	0.0	0.0	--
<i>S. borealis</i>	--	0.0	0.0	0.0	--
<i>S. cramerii</i>	--	17.9	50.3	16.9	--
<i>S. diploproa</i>	--	1.0	12.7	0.5	--
<i>S. elongatus</i>	--	0.0	0.0	1.6	--
<i>S. entomelas</i>	--	0.0	14.4	4.9	--
<i>S. flavidus</i>	--	0.0	0.0	4.9	--
<i>S. helvomaculatus</i>	--	0.0	0.0	0.1	--
<i>S. melanops</i>	--	0.0	0.0	0.0	--
<i>S. paucispinus</i>	--	0.7	0.0	0.0	--
<i>S. pinniger</i>	--	0.0	0.0	0.0	--
<i>S. proriger</i>	--	0.0	0.0	0.5	--
<i>S. reedi</i>	--	0.8	127.2	12.6	--
<i>S. rubberimus</i>	--	0.0	0.0	0.0	--
<i>S. saxicola</i>	--	0.4	0.0	0.0	--
<i>S. zacentrus</i>	--	0.0	9.9	3.3	--
<i>S. alascanus</i>	--	0.3	5.5	5.5	--
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	--
<i>S. aleutianus</i>	--	0.0	2.8	0.0	--
<i>S. goodei</i>	--	0.0	0.0	0.0	--
Other	--	0.0	0.0	7.1	--
Total mt Landed	0.4	22.6	276.4	546.4	--
Sampled mt	0.0	22.6	269.6	102.1	0.0

*PMFC areas 2A & 3B not sampled.

Appendix Table B-18. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1980.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B*
<i>S. alutus</i>	--	1.5	69.3	740.7	--
<i>S. aurora</i>	--	0.1	0.6	0.0	--
<i>S. babcocki</i>	--	0.4	0.6	1.0	--
<i>S. brevispinus</i>	--	0.0	0.0	0.0	--
<i>S. borealis</i>	--	0.0	0.1	0.0	--
<i>S. crameri</i>	--	9.5	27.7	118.2	--
<i>S. diploproa</i>	--	1.3	16.1	9.6	--
<i>S. elongatus</i>	--	0.0	0.0	1.0	--
<i>S. entomelas</i>	--	0.0	3.3	1.9	--
<i>S. flavidus</i>	--	0.0	0.1	1.0	--
<i>S. helvomaculatus</i>	--	0.1	0.0	1.0	--
<i>S. melanops</i>	--	0.0	0.0	0.0	--
<i>S. paucispinus</i>	--	0.0	0.1	0.0	--
<i>S. pinniger</i>	--	0.0	0.1	0.0	--
<i>S. proriger</i>	--	0.0	0.0	1.9	--
<i>S. reedi</i>	--	0.0	21.1	43.2	--
<i>S. rubberimus</i>	--	0.0	0.0	0.0	--
<i>S. saxicola</i>	--	0.0	0.1	0.0	--
<i>S. zacentrus</i>	--	0.0	0.1	27.9	--
<i>S. alascanus</i>	--	1.0	9.2	4.8	--
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	--
<i>S. aleutianus</i>	--	0.0	2.3	4.8	--
<i>S. goodei</i>	--	0.0	0.0	0.0	--
Other	--	0.0	0.0	4.8	--
Total mt Landed	0.1	13.9	150.8	961.8	0.0
Sampled mt	0.0	5.0	87.7	462.1	0.0

*PMFC areas 2A & 3B not sampled.

Appendix Table B-19. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1981.

Species	PMFC AREA				
	2A	2B*	2C	3A	3B
<i>S. alutus</i>	0.1	--	127.3	231.4	7.3
<i>S. aurora</i>	0.0	--	0.3	0.0	0.0
<i>S. babcocki</i>	0.1	--	3.0	4.3	1.8
<i>S. brevispinus</i>	0.0	--	5.4	0.0	0.0
<i>S. borealis</i>	0.0	--	0.0	0.0	0.0
<i>S. crameri</i>	0.2	--	41.6	53.3	0.5
<i>S. diploproa</i>	1.1	--	16.6	16.8	0.3
<i>S. elongatus</i>	0.1	--	1.7	0.4	0.1
<i>S. entomelas</i>	0.0	--	3.0	0.9	0.0
<i>S. flavidus</i>	0.0	--	0.0	0.9	0.0
<i>S. helvomaculatus</i>	0.0	--	0.3	0.4	0.0
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	--	7.4	0.0	0.0
<i>S. pinniger</i>	0.0	--	1.7	0.0	0.0
<i>S. proriger</i>	0.0	--	20.9	0.9	0.3
<i>S. reedi</i>	0.0	--	75.1	87.6	0.0
<i>S. rubberimus</i>	0.0	--	2.0	0.0	0.2
<i>S. saxicola</i>	0.0	--	0.7	0.0	0.0
<i>S. zacentrus</i>	0.0	--	23.3	20.2	1.0
<i>S. alascanus</i>	0.1	--	4.1	3.9	0.0
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	--	3.0	4.7	0.0
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
Other	0.0	--	1.0	3.9	0.0
Total mt Landed	1.8	76.0	338.4	429.6	11.5
Sampled mt	1.7	0.0	187.3	210.1	11.5

*PMFC area 2B not sampled.

Appendix Table B-20. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1982.

Species	PMFC AREA				
	2A	2B	2C	3A	3B
<i>S. alutus</i>	2.1	5.9	28.8	128.5	13.1
<i>S. aurora</i>	0.0	0.3	1.1	0.0	0.0
<i>S. babcocki</i>	0.5	0.6	0.7	2.0	0.6
<i>S. brevispinus</i>	0.0	0.0	0.2	0.0	0.0
<i>S. borealis</i>	0.3	0.3	0.0	0.0	0.4
<i>S. crameri</i>	28.2	20.7	6.5	42.8	1.7
<i>S. diploproa</i>	1.1	4.9	2.8	5.8	2.0
<i>S. elongatus</i>	0.1	0.4	0.5	4.5	0.1
<i>S. entomelas</i>	0.1	0.3	0.4	0.7	0.2
<i>S. flavidus</i>	0.1	0.0	0.1	0.1	0.2
<i>S. helvomaculatus</i>	0.1	1.0	0.0	0.1	0.5
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.3	0.6	0.4	0.0	0.0
<i>S. pinniger</i>	0.1	0.1	0.5	0.0	0.2
<i>S. proriger</i>	0.1	10.9	103.4	12.1	0.0
<i>S. reedi</i>	0.0	0.6	16.8	4.7	0.1
<i>S. rubberimus</i>	0.0	0.0	0.2	0.0	0.0
<i>S. saxicola</i>	0.1	0.1	0.0	0.0	0.0
<i>S. zacentrus</i>	0.1	3.3	7.6	11.4	0.5
<i>S. alascanus</i>	0.1	2.1	5.1	7.6	4.2
<i>S. chlorostictus</i>	0.1	0.1	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	0.5	0.9	2.2	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.1	1.1	0.5	1.3	1.5
Total mt Landed	33.7	53.8	176.5	223.8	25.3
Sampled mt	33.7	53.8	176.5	133.2	25.3

Appendix Table B-21. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1983.

Species	PMFC AREA				
	2A	2B	2C	3A	3B
<i>S. alutus</i>	1.2	22.4	323.9	143.3	30.0
<i>S. aurora</i>	0.2	0.3	8.5	0.0	0.0
<i>S. babcocki</i>	1.3	3.1	3.5	2.1	1.5
<i>S. brevispinus</i>	0.0	0.1	0.7	0.0	0.0
<i>S. borealis</i>	0.1	0.0	0.0	0.0	0.0
<i>S. crameri</i>	9.0	64.5	24.7	18.9	4.7
<i>S. diploproa</i>	2.6	18.6	16.9	3.8	3.5
<i>S. elongatus</i>	0.3	0.6	0.1	5.3	
<i>S. entomelas</i>	0.1	0.3	0.1	0.6	0.4
<i>S. flavidus</i>	0.1	0.2	0.0	1.7	0.1
<i>S. helvomaculatus</i>	0.1	0.9	0.1	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	1.0	1.0	0.7	0.0	0.0
<i>S. pinniger</i>	0.1	0.4	0.7	0.0	0.0
<i>S. proriger</i>	0.1	15.0	147.7	6.3	1.2
<i>S. reedi</i>	0.1	1.3	21.2	1.9	0.7
<i>S. rubberimus</i>	0.1	0.1	0.0	0.0	0.0
<i>S. saxicola</i>	0.6	0.4	0.1	0.0	0.0
<i>S. zacentrus</i>	0.5	5.4	145.5	11.4	1.9
<i>S. alascanus</i>	0.2	4.1	0.1	10.0	6.4
<i>S. chlorostictus</i>	0.1	0.1	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	0.4	12.0	1.9	1.8
<i>S. goodei</i>	0.1	0.2	0.0	0.0	0.0
Other	0.2	3.7	0.0	3.2	4.7
Total mt Landed	18.2	143.1	706.5	210.4	56.9
Sampled mt	17.9	61.2	114.4	116.3	27.2

Appendix Table B-22. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1984.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	13.5	1.7	371.2	142.0	77.6
<i>S. aurora</i>	--	0.0	0.0	0.0	0.5	0.2
<i>S. babcocki</i>	--	0.1	0.1	0.0	3.9	1.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.7	0.4
<i>S. borealis</i>	--	0.0	0.0	0.0	9.7	0.5
<i>S. crameri</i>	--	0.1	0.1	1.1	33.0	3.5
<i>S. diploproa</i>	--	0.1	0.1	1.7	6.1	2.4
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.9	0.1
<i>S. entomelas</i>	--	0.0	0.0	0.0	0.0	0.1
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.1	0.3
<i>S. helvomaculatus</i>	--	0.0	0.1	0.1	0.4	0.1
<i>S. melanops</i>	--	0.0	0.0	0.0	0.1	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.1	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	1.2	0.1
<i>S. proriger</i>	--	0.0	1.3	0.0	0.9	0.0
<i>S. reedi</i>	--	0.0	0.1	0.4	2.0	0.4
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.1	0.1	0.0	0.1	0.0
<i>S. zacentrus</i>	--	0.1	0.1	1.3	14.4	0.3
<i>S. alascanus</i>	--	0.2	0.3	0.1	20.8	4.9
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	4.2	0.8
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	--	0.0	0.0	0.0	0.5	0.1
<i>S. jordani</i>	--	0.0	0.0	0.0	0.1	0.0
Other	--	0.0	0.0	0.0	0.0	0.1
Total mt Landed	0.2	14.2	4.0	375.9	241.7	92.9
Sampled mt	0.0	3.1	4.0	63.5	13.1	14.4

*PMFC area 1C not sampled.

Appendix Table B-23. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1985.

Species	PMFC AREA					
	1C*	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	24.1	32.5	330.0	245.3	92.0
<i>S. aurora</i>	--	0.1	0.5	0.0	0.1	0.5
<i>S. babcocki</i>	--	0.0	0.2	0.1	0.1	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0	0.1
<i>S. borealis</i>	--	0.0	0.0	0.1	0.0	0.8
<i>S. crameri</i>	--	0.6	1.3	1.7	6.6	6.6
<i>S. diploproa</i>	--	0.7	1.7	1.6	3.0	1.1
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0	0.1
<i>S. helvomaculatus</i>	--	0.0	0.2	0.1	0.1	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.1	0.1	0.0
<i>S. proriger</i>	--	0.1	2.7	0.1	0.1	0.0
<i>S. reedi</i>	--	0.1	13.2	2.2	3.4	1.4
<i>S. rubberimus</i>	--	0.0	0.1	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.1	0.4	0.7	2.7	0.3
<i>S. alascanus</i>	--	0.1	0.6	0.5	3.0	0.6
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.1	0.1	0.1	1.0	7.2
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	--	0.0	0.1	0.0	0.0	0.0
<i>S. wilsoni</i>	--	0.1	0.0	0.0	0.0	0.0
Other	--	0.0	0.2	0.0	0.0	0.0
Total mt Landed	3.5	26.1	53.8	337.3	265.5	110.7
Sampled mt	0.0	11.2	6.0	113.1	57.7	20.4

*PMFC area 1C not sampled.

Appendix Table B-24. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1986.

Species	PMFC AREA					
	1C*	2A*	2B	2C	3A	3B
<i>S. alutus</i>	--	--	38.5	226.0	251.5	81.1
<i>S. aurora</i>	--	--	0.9	0.6	0.2	0.1
<i>S. babcocki</i>	--	--	0.0	0.1	0.1	0.0
<i>S. brevispinus</i>	--	--	0.0	0.0	1.1	0.1
<i>S. borealis</i>	--	--	0.0	0.3	1.4	1.2
<i>S. crameri</i>	--	--	2.6	2.9	5.6	1.0
<i>S. diploproa</i>	--	--	0.2	5.0	4.9	1.9
<i>S. elongatus</i>	--	--	0.0	0.0	0.1	0.1
<i>S. entomelas</i>	--	--	0.0	0.0	0.1	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.6	0.1
<i>S. helvomaculatus</i>	--	--	0.0	1.0	0.1	0.1
<i>S. melanops</i>	--	--	0.0	0.0	0.4	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.4	0.0
<i>S. pinniger</i>	--	--	0.1	0.0	2.0	0.0
<i>S. proriger</i>	--	--	0.0	0.1	0.1	0.0
<i>S. reedi</i>	--	--	0.1	4.1	1.2	0.4
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.1	0.0
<i>S. zacentrus</i>	--	--	0.1	1.0	7.9	0.5
<i>S. alascanus</i>	--	--	0.0	0.1	0.2	1.2
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.1	0.4	0.2	3.3
<i>S. goodei</i>	--	--	0.0	0.0	0.0	0.0
Other	--	--	0.0	0.1	0.1	0.0
Total mt Landed	0.2	5.6	42.6	241.7	278.3	91.1
Sampled mt	0.0	0.0	3.3	85.9	33.1	29.6

*PMFC areas 1C & 2A not sampled.

Appendix Table B-25. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1987.

Species	PMFC AREA				
	2A*	2B*	2C	3A	3B
<i>S. alutus</i>	--	--	195.4	220.5	56.5
<i>S. aurora</i>	--	--	0.1	0.1	0.2
<i>S. babcocki</i>	--	--	0.3	0.4	0.1
<i>S. brevispinus</i>	--	--	3.0	0.0	0.0
<i>S. borealis</i>	--	--	0.1	0.7	0.0
<i>S. crameri</i>	--	--	4.8	3.3	1.5
<i>S. diploproa</i>	--	--	1.1	5.3	0.1
<i>S. elongatus</i>	--	--	0.1	3.3	0.0
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.1
<i>S. helvomaculatus</i>	--	--	0.1	0.1	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.1
<i>S. proriger</i>	--	--	0.1	1.6	0.5
<i>S. reedi</i>	--	--	1.0	10.4	0.3
<i>S. rubberimus</i>	--	--	0.0	0.0	0.1
<i>S. saxicola</i>	--	--	0.0	0.1	0.0
<i>S. zacentrus</i>	--	--	0.5	1.4	0.2
<i>S. alascanus</i>	--	--	2.4	2.6	0.2
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	2.1	1.2	0.2
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	6.4	23.0	211.1	251.0	60.1
Sampled mt	0.0	0.0	55.6	48.5	9.8

*PMFC area 2A & 2B not sampled.

Appendix Table B-26. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1988.

Species	PMFC AREA					
	1C*	2A*	2B*	2C	3A	3B
<i>S. alutus</i>	--	--	--	254.9	281.4	68.2
<i>S. aurora</i>	--	--	--	0.1	0.1	0.1
<i>S. babcocki</i>	--	--	--	0.0	0.1	0.0
<i>S. brevispinus</i>	--	--	--	0.1	1.1	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	--	1.2	1.5	2.8
<i>S. diploproa</i>	--	--	--	2.6	1.2	2.3
<i>S. elongatus</i>	--	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.1	0.0
<i>S. flavidus</i>	--	--	--	0.1	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.1	0.0	0.1
<i>S. melanops</i>	--	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	4.0	0.0
<i>S. proriger</i>	--	--	--	0.1	0.1	0.0
<i>S. reedi</i>	--	--	--	3.4	0.9	1.1
<i>S. rubberimus</i>	--	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.2	4.0	0.4
<i>S. alascanus</i>	--	--	--	0.1	0.1	0.1
<i>S. chlorostictus</i>	--	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.1	0.7	1.5
<i>S. goodei</i>	--	--	--	0.0	0.0	0.0
Other	--	--	--	0.1	0.0	0.0
Total mt Landed	0.1	7.2	43.2	263.1	295.3	76.6
Sampled mt	0.0	0.0	0.0	49.5	36.9	6.6

*PMFC areas 1C, 2A & 2B not sampled.

Appendix Table B-27. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1989.

Species	PMFC AREA				
	2A*	2B*	2C	3A	3B
<i>S. alutus</i>	--	--	339.2	327.0	90.7
<i>S. aurora</i>	--	--	0.0	0.2	0.0
<i>S. babcocki</i>	--	--	0.0	0.0	0.0
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	1.4	5.9	0.0
<i>S. diploproa</i>	--	--	0.7	1.4	0.1
<i>S. elongatus</i>	--	--	0.2	0.1	0.0
<i>S. entomelas</i>	--	--	0.0	0.0	0.6
<i>S. flavidus</i>	--	--	0.1	0.0	0.4
<i>S. helvomaculatus</i>	--	--	0.0	0.1	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.1	0.3
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	1.0	0.6	1.3
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.1	2.0	0.0
<i>S. alascanus</i>	--	--	0.1	1.5	0.2
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.2	0.9	0.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	4.1	63.3	343.0	339.8	93.6
Sampled mt	0.0	0.0	48.4	37.0	5.3

*PMFC areas 2A & 2B not sampled.

Appendix Table B-28. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1990.

Species	PMFC AREA				
	2A*	2B*	2C	3A	3B
<i>S. alutus</i>	--	--	180.1	234.2	60.1
<i>S. aurora</i>	--	--	0.2	0.3	0.0
<i>S. babcocki</i>	--	--	0.1	0.0	0.0
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	2.4	2.4	0.4
<i>S. diploproa</i>	--	--	2.0	2.0	0.3
<i>S. elongatus</i>	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	0.0	0.1	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.2	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	1.2	0.8	0.2
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.1	1.2	0.0
<i>S. alascanus</i>	--	--	0.1	0.2	0.1
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	1.2	0.1
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	0.8	20.8	186.2	242.6	61.2
Sampled mt	0.0	0.0	29.7	29.0	10.4

*PMFC areas 2A & 2B not sampled.

Appendix Table B-29. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1991.

Species	PMFC AREA					
	1C*	2A*	2B	2C	3A	3B
<i>S. alutus</i>	--	--	10.0	153.5	260.1	309.7
<i>S. aurora</i>	--	--	0.0	0.8	0.3	0.0
<i>S. babcocki</i>	--	--	0.0	0.0	0.3	0.3
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.1	0.0	1.3	1.3
<i>S. diploproa</i>	--	--	0.0	0.0	0.5	0.6
<i>S. elongatus</i>	--	--	0.0	0.0	0.0	0.3
<i>S. entomelas</i>	--	--	0.0	0.0	0.3	0.3
<i>S. flavidus</i>	--	--	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0	0.3
<i>S. melanops</i>	--	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.0	0.3	0.3
<i>S. reedi</i>	--	--	0.2	3.0	1.3	0.3
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.1	0.0	1.1	0.3
<i>S. alascanus</i>	--	--	0.1	0.0	0.3	0.3
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.3	0.0	0.3	0.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	--	--	0.0	0.0	0.3	0.0
<i>S. altivelis</i>	--	--	0.0	0.0	0.3	0.0
Other	--	--	0.0	0.0	0.0	0.0
Total mt Landed	0.5	0.5	10.8	157.3	266.7	314.0
Sampled mt	0.0	0.0	1.4	3.8	28.3	30.8

*PMFC areas 1C & 2A not sampled.

Appendix Table B-30. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1992.

Species	PMFC AREA					
	1C*	2A*	2B*	2C	3A	3B
<i>S. alutus</i>	--	--	--	74.7	187.3	248.2
<i>S. aurora</i>	--	--	--	0.3	0.2	0.3
<i>S. babcocki</i>	--	--	--	0.0	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	--	0.2	0.8	0.8
<i>S. diploproa</i>	--	--	--	12.5	0.4	0.3
<i>S. elongatus</i>	--	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.2	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.1	0.2	0.3
<i>S. melanops</i>	--	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0	0.3
<i>S. reedi</i>	--	--	--	0.9	0.4	0.6
<i>S. rubberimus</i>	--	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	--	1.2	0.8	0.6
<i>S. alascanus</i>	--	--	--	0.0	0.2	0.6
<i>S. chlorostictus</i>	--	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	1.0	0.3
<i>S. goodei</i>	--	--	--	0.0	0.0	0.0
Other	--	--	--	0.0	0.0	0.0
Total mt Landed	0.0	0.0	4.1	89.9	191.5	252.3
Sampled mt	0.0	0.0	0.0	4.6	15.3	21.6

*PMFC areas 1C, 2A & 2B not sampled.

Appendix Table B-31. Species composition of category 413 (Pacific ocean perch) landings (mt) by PMFC area, 1993.

Species	PMFC AREA					
	1C*	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	0.4	4.8	204.4	232.3	247.1
<i>S. aurora</i>	--	0.1	0.0	0.4	0.0	0.0
<i>S. babcocki</i>	--	0.1	0.0	0.2	0.0	0.5
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.2	0.6	2.2	1.0
<i>S. diploproa</i>	--	0.0	0.1	1.0	0.4	0.3
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.2	0.0
<i>S. entomelas</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	0.0	0.0	0.4	0.5
<i>S. reedi</i>	--	0.0	0.1	0.6	1.4	1.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.2	0.0	0.6	1.4	2.0
<i>S. alascanus</i>	--	0.0	0.0	0.2	0.2	0.5
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.2	0.4	1.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. rufus</i>	--	0.0	0.0	0.2	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	0.0	0.8	5.2	208.4	238.9	253.9
Sampled mt	0.0	0.8	1.5	15.7	15.5	26.0

*PMFC area 1C not sampled.

Appendix Table B-32. Species composition of category 410 (other rockfish landings (mt) by PMFC area, 1963.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B*
<i>S. alutus</i>	--	102.4	32.8	24.8	0.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	29.0	2.7	0.0	0.0
<i>S. brevispinus</i>	--	0.0	2.7	28.5	21.2
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	113.8	2.3	0.0	0.0
<i>S. diploproa</i>	--	8.4	19.7	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.0	0.0	1.2
<i>S. entomelas</i>	--	0.4	0.0	147.4	0.0
<i>S. flavidus</i>	--	25.5	116.8	705.7	1.4
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	9.6	21.1	0.0
<i>S. paucispinus</i>	--	28.6	22.7	7.4	16.8
<i>S. pinniger</i>	--	131.2	165.1	293.5	1.4
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	4.9	0.9
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	3.5	0.0	0.9
<i>S. alascanus</i>	--	0.1	0.8	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.1	2.7	2.5	0.0
<i>S. goodei</i>	--	0.0	1.5	1.2	0.0
Other	--	0.4	2.7	0.1	0.0
Total mt Landed	12.7	439.9	385.6	1,237.1	43.8
Sampled mt	0.0	95.8	74.5	140.9	--

*PMFC area 2A not sampled, 3B sampled mt unknown.

Appendix Table B-33. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1964.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B
<i>S. alutus</i>	--	0.0	0.0	0.1	0.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.1	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.1	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.0	22.9	0.0
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.0	2.6	0.0
<i>S. entomelas</i>	--	0.0	105.9	177.2	0.0
<i>S. flavidus</i>	--	0.0	0.0	479.4	10.8
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	216.4	0.0	6.4	0.0
<i>S. paucispinus</i>	--	0.0	13.4	5.1	9.9
<i>S. pinniger</i>	--	0.0	171.0	611.4	32.4
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	1.3	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.1	0.0
<i>S. goodei</i>	--	0.0	0.0	0.1	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	29.5	216.4	290.3	1,306.8	53.1
Sampled mt	0.0	0.8	17.7	164.7	0.0

*PMFC area 2A not sampled.

Appendix Table B-34. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1965.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B*
<i>S. alutus</i>	--	0.0	95.8	39.1	--
<i>S. aurora</i>	--	0.0	0.0	0.0	--
<i>S. babcocki</i>	--	0.0	26.9	0.8	--
<i>S. brevispinus</i>	--	0.0	0.7	0.0	--
<i>S. borealis</i>	--	0.0	0.0	0.0	--
<i>S. crameri</i>	--	51.0	117.8	0.1	--
<i>S. diploproa</i>	--	0.0	0.7	0.1	--
<i>S. elongatus</i>	--	0.0	0.0	0.0	--
<i>S. entomelas</i>	--	0.0	0.0	29.1	--
<i>S. flavidus</i>	--	12.1	124.9	330.6	--
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	--
<i>S. melanops</i>	--	0.0	1.4	107.4	--
<i>S. paucispinus</i>	--	12.1	4.3	3.1	--
<i>S. pinniger</i>	--	126.4	325.6	255.1	--
<i>S. proriger</i>	--	0.0	0.0	0.0	--
<i>S. reedi</i>	--	0.0	0.0	0.0	--
<i>S. rubberimus</i>	--	51.0	0.0	0.8	--
<i>S. saxicola</i>	--	0.0	0.0	0.0	--
<i>S. zacentrus</i>	--	0.0	0.0	0.0	--
<i>S. alascanus</i>	--	0.0	0.7	0.0	--
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	--
<i>S. aleutianus</i>	--	0.0	8.5	0.8	--
<i>S. goodei</i>	--	0.0	0.0	0.0	--
Other	--	0.0	2.1	0.0	--
Total mt Landed	46.7	252.6	709.4	767.0	23.1
Sampled mt	0.0	9.4	91.1	224.0	0.0

*PMFC areas 2A & 3B not sampled.

Appendix Table B-35. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1966.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B*
S. alutus	--	0.0	0.0	11.2	--
S. aurora	--	0.0	0.0	0.0	--
S. babcocki	--	0.1	0.0	9.8	--
S. brevispinus	--	0.0	0.0	6.9	--
S. borealis	--	0.0	0.0	0.0	--
S. crameri	--	0.0	0.0	1.4	--
S. diploproa	--	0.1	0.0	0.0	--
S. elongatus	--	0.0	0.0	0.1	--
S. entomelas	--	0.0	62.8	286.4	--
S. flavidus	--	20.7	4.4	560.2	--
S. helvomaculatus	--	0.0	0.0	0.0	--
S. melanops	--	187.3	1.3	185.8	--
S. paucispinus	--	2.6	1.7	27.9	--
S. pinniger	--	112.1	366.2	304.5	--
S. proriger	--	0.0	0.0	0.0	--
S. reedi	--	0.0	0.0	0.0	--
S. rubberimus	--	0.0	0.0	1.4	--
S. saxicola	--	0.0	0.0	0.0	--
S. zacentrus	--	0.0	0.0	0.1	--
S. alascanus	--	0.0	0.0	0.0	--
S. chlorostictus	--	0.0	0.0	0.0	--
S. aleutianus	--	0.0	0.0	1.4	--
S. goodei	--	0.0	0.0	0.0	--
Other	--	0.0	0.0	0.0	--
Total mt Landed	22.7	322.9	436.4	1,397.1	14.5
Sampled mt	0.0	5.7	104.4	429.7	0.0

*PMFC areas 2A & 3B not sampled.

Appendix Table B-36. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1967.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B*
<i>S. alutus</i>	--	7.8	0.0	1.3	--
<i>S. aurora</i>	--	0.0	0.0	0.0	--
<i>S. babcocki</i>	--	1.5	0.0	0.0	--
<i>S. brevispinus</i>	--	0.0	0.0	0.1	--
<i>S. borealis</i>	--	0.0	0.0	0.0	--
<i>S. crameri</i>	--	103.8	0.0	0.0	--
<i>S. diploproa</i>	--	46.3	0.0	0.0	--
<i>S. elongatus</i>	--	0.0	0.0	0.0	--
<i>S. entomelas</i>	--	0.0	199.8	462.9	--
<i>S. flavidus</i>	--	0.8	133.1	443.7	--
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	--
<i>S. melanops</i>	--	0.8	0.0	234.0	--
<i>S. paucispinus</i>	--	0.0	0.0	18.0	--
<i>S. pinniger</i>	--	0.0	0.0	123.2	--
<i>S. proriger</i>	--	0.0	0.0	0.0	--
<i>S. reedi</i>	--	0.0	0.0	0.0	--
<i>S. rubberimus</i>	--	0.0	0.0	1.3	--
<i>S. saxicola</i>	--	0.0	0.0	0.0	--
<i>S. zacentrus</i>	--	0.0	0.0	0.0	--
<i>S. alascanus</i>	--	4.7	0.0	0.0	--
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	--
<i>S. aleutianus</i>	--	0.0	0.0	1.3	--
<i>S. goodei</i>	--	0.3	0.0	0.0	--
Other	--	0.0	0.0	0.1	--
Total mt Landed	5.9	166.0	332.9	1,285.9	30.8
Sampled mt	0.0	20.0	26.5	385.1	0.0

*PMFC areas 2A & 3B not sampled.

Appendix Table B-37. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1968.

Species	PMFC AREA				
	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.0	4.8	0.0	1.0	0.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	5.1	0.0	0.0	0.1
<i>S. brevispinus</i>	0.0	0.0	0.0	8.3	33.9
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	1.7	0.0	0.1	0.0
<i>S. diploproa</i>	0.0	13.8	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	1.7	0.0	1.0	0.0
<i>S. entomelas</i>	0.0	27.9	0.4	129.1	2.1
<i>S. flavidus</i>	0.4	29.7	57.2	474.1	14.4
<i>S. helvomaculatus</i>	0.0	0.0	0.0	1.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	118.8	0.0
<i>S. paucispinus</i>	0.0	7.2	0.0	5.2	2.9
<i>S. pinniger</i>	0.0	246.8	33.1	280.4	83.7
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.1	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	2.1	0.1
<i>S. saxicola</i>	0.0	0.0	0.0	0.1	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.1	0.0
<i>S. alascanus</i>	7.5	5.2	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.3	0.3	0.0	1.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	1.0	1.0	11.4	0.0
Total mt Landed	7.9	345.2	92.0	1,032.8	138.2
Sampled mt	0.5	36.0	23.3	345.9	65.7

Appendix Table B-38. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1969.

Species	PMFC AREA				
	2A	2B	2C*	3A	3B
<i>S. alutus</i>	0.9	5.5	--	34.5	0.0
<i>S. aurora</i>	0.0	0.0	--	0.0	0.0
<i>S. babcocki</i>	5.7	12.5	--	0.1	0.0
<i>S. brevispinus</i>	0.1	3.1	--	2.0	9.7
<i>S. borealis</i>	0.0	0.0	--	0.0	0.0
<i>S. crameri</i>	10.4	24.3	--	2.9	0.0
<i>S. diploproa</i>	3.4	18.8	--	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	--	0.1	0.1
<i>S. entomelas</i>	0.0	6.3	--	102.4	17.3
<i>S. flavidus</i>	31.4	83.8	--	536.7	39.3
<i>S. helvomaculatus</i>	0.0	0.0	--	0.0	0.0
<i>S. melanops</i>	1.4	0.0	--	219.6	8.9
<i>S. paucispinus</i>	9.1	23.5	--	21.7	0.1
<i>S. pinniger</i>	20.5	34.5	--	60.8	18.6
<i>S. proriger</i>	1.5	3.9	--	0.0	0.1
<i>S. reedi</i>	0.0	0.0	--	0.0	0.0
<i>S. rubberimus</i>	5.4	23.5	--	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	--	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	--	0.0	0.0
<i>S. alascanus</i>	9.1	90.1	--	3.9	0.0
<i>S. chlorostictus</i>	0.0	0.0	--	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	--	0.1	0.0
<i>S. goodei</i>	0.0	0.0	--	0.0	0.0
Other	0.0	0.0	--	1.0	0.2
Total mt Landed	98.9	329.8	126.6	985.8	94.3
Sampled mt	14.8	158.2	0.0	230.8	33.2

*PMFC area 2C not sampled.

Appendix Table B-39. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1970.

Species	PMFC AREA				
	2A*	2B	2C*	3A	3B
<i>S. alutus</i>	--	2.8	--	0.1	8.2
<i>S. aurora</i>	--	0.0	--	0.0	0.0
<i>S. babcocki</i>	--	76.4	--	0.1	0.1
<i>S. brevispinus</i>	--	0.0	--	0.1	0.1
<i>S. borealis</i>	--	0.0	--	0.0	0.0
<i>S. crameri</i>	--	20.3	--	0.0	0.0
<i>S. diploproa</i>	--	41.9	--	0.0	0.0
<i>S. elongatus</i>	--	2.4	--	0.0	0.0
<i>S. entomelas</i>	--	0.0	--	0.1	5.1
<i>S. flavidus</i>	--	80.7	--	112.5	28.2
<i>S. helvomaculatus</i>	--	0.0	--	0.0	0.0
<i>S. melanops</i>	--	10.4	--	312.3	0.1
<i>S. paucispinus</i>	--	54.7	--	0.1	6.1
<i>S. pinniger</i>	--	93.3	--	355.9	20.1
<i>S. proriger</i>	--	1.4	--	0.0	0.0
<i>S. reedi</i>	--	0.0	--	0.0	0.1
<i>S. rubberimus</i>	--	0.9	--	0.1	0.6
<i>S. saxicola</i>	--	0.0	--	0.0	0.0
<i>S. zacentrus</i>	--	0.1	--	0.0	0.1
<i>S. alascanus</i>	--	86.3	--	0.1	0.0
<i>S. chlorostictus</i>	--	0.0	--	0.0	0.0
<i>S. aleutianus</i>	--	0.0	--	0.1	0.0
<i>S. goodei</i>	--	0.0	--	0.0	0.0
Other	--	0.1	--	0.0	0.1
Total mt Landed	75.8	471.7	50.3	781.5	68.9
Sampled mt	0.0	51.0	0.0	168.1	68.9

*PMFC areas 2A & 2C not sampled.

Appendix Table B-40. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1971.

Species	PMFC AREA				
	2A	2B	2C	3A	3B
<i>S. alutus</i>	1.4	2.7	0.1	0.0	0.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	7.0	8.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.5	0.0	15.1	5.1
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. cramerii</i>	1.4	6.4	0.1	0.1	0.0
<i>S. diploproa</i>	0.1	1.1	0.0	0.0	0.0
<i>S. elongatus</i>	7.0	4.8	23.5	0.5	0.0
<i>S. entomelas</i>	1.4	16.0	0.0	0.5	0.1
<i>S. flavidus</i>	14.1	169.9	11.9	108.6	26.6
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	18.2	0.0	134.1	1.7
<i>S. paucispinus</i>	4.2	44.9	23.4	12.5	0.1
<i>S. pinniger</i>	28.2	240.2	0.1	247.9	79.8
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	4.8	0.1	0.0	0.0
<i>S. saxicola</i>	1.4	5.3	0.1	0.0	0.0
<i>S. zacentrus</i>	0.0	0.1	0.0	0.0	0.0
<i>S. alascanus</i>	15.4	10.2	0.5	0.5	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	1.1	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.1	0.0	0.0	0.0
Total mt Landed	81.6	534.3	59.8	519.8	113.4
Sampled mt	2.6	56.5	0.2	67.4	34.4

Appendix Table B-41. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1972.

Species	PMFC AREA				
	2A*	2B	2C*	3A	3B
<i>S. alutus</i>	--	2.6	--	0.1	0.0
<i>S. aurora</i>	--	0.0	--	0.0	0.0
<i>S. babcocki</i>	--	3.3	--	1.7	0.0
<i>S. brevispinus</i>	--	0.0	--	0.0	0.0
<i>S. borealis</i>	--	0.0	--	0.0	0.0
<i>S. cramerii</i>	--	39.9	--	2.4	0.0
<i>S. diploproa</i>	--	3.2	--	0.0	0.0
<i>S. elongatus</i>	--	52.1	--	0.0	0.0
<i>S. entomelas</i>	--	32.3	--	4.7	0.0
<i>S. flavidus</i>	--	157.9	--	440.6	2.5
<i>S. helvomaculatus</i>	--	0.0	--	0.0	0.0
<i>S. melanops</i>	--	35.6	--	115.5	0.0
<i>S. paucispinus</i>	--	29.3	--	3.0	11.0
<i>S. pinniger</i>	--	214.6	--	295.6	127.6
<i>S. proriger</i>	--	0.0	--	0.0	0.0
<i>S. reedi</i>	--	0.0	--	0.0	0.0
<i>S. rubberimus</i>	--	3.3	--	0.0	0.0
<i>S. saxicola</i>	--	11.9	--	0.0	0.0
<i>S. zacentrus</i>	--	0.0	--	0.0	0.0
<i>S. alascanus</i>	--	50.3	--	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	--	0.0	0.0
<i>S. aleutianus</i>	--	3.3	--	0.0	0.0
<i>S. goodei</i>	--	0.0	--	0.0	0.0
Other	--	0.0	--	0.0	0.0
Total mt Landed	53.1	639.6	104.3	863.6	141.1
Sampled mt	0.0	18.3	0.0	87.5	29.6

*PMFC areas 2A & 2C not sampled.

Appendix Table B-42. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1973.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B*
<i>S. alutus</i>	--	0.1	0.0	1.3	--
<i>S. aurora</i>	--	0.0	0.0	0.0	--
<i>S. babcocki</i>	--	1.7	0.0	0.0	--
<i>S. brevispinus</i>	--	0.0	0.0	0.0	--
<i>S. borealis</i>	--	0.0	0.0	0.0	--
<i>S. crameri</i>	--	0.1	0.0	0.4	--
<i>S. diploproa</i>	--	0.0	0.0	0.0	--
<i>S. elongatus</i>	--	1.3	0.0	0.1	--
<i>S. entomelas</i>	--	3.4	0.0	9.5	--
<i>S. flavidus</i>	--	93.9	3.0	447.7	--
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	--
<i>S. melanops</i>	--	7.6	10.0	48.3	--
<i>S. paucispinus</i>	--	14.2	9.0	6.0	--
<i>S. pinniger</i>	--	214.4	219.3	349.0	--
<i>S. proriger</i>	--	0.0	0.0	0.0	--
<i>S. reedi</i>	--	0.0	0.0	0.0	--
<i>S. rubberimus</i>	--	2.5	0.0	0.0	--
<i>S. saxicola</i>	--	0.0	0.0	0.0	--
<i>S. zacentrus</i>	--	0.0	0.0	0.0	--
<i>S. alascanus</i>	--	14.3	0.0	0.0	--
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	--
<i>S. aleutianus</i>	--	0.4	0.0	0.0	--
<i>S. goodei</i>	--	0.0	0.0	0.0	--
Other	--	11.7	0.0	0.0	--
Total mt Landed	64.9	365.6	241.3	862.3	29.0
Sampled mt	0.0	15.6	4.2	122.4	0.0

*PMFC areas 2A & 3B not sampled.

Appendix Table B-43. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1974.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B*
<i>S. alutus</i>	--	0.0	3.5	0.1	--
<i>S. aurora</i>	--	0.0	0.0	0.0	--
<i>S. babcocki</i>	--	2.9	0.9	0.1	--
<i>S. brevispinus</i>	--	0.0	0.0	0.1	--
<i>S. borealis</i>	--	0.0	0.0	0.0	--
<i>S. crameri</i>	--	9.7	4.9	0.0	--
<i>S. diploproa</i>	--	3.3	0.0	0.0	--
<i>S. elongatus</i>	--	3.2	2.2	0.1	--
<i>S. entomelas</i>	--	0.1	0.0	0.1	--
<i>S. flavidus</i>	--	36.7	14.3	200.5	--
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	--
<i>S. melanops</i>	--	108.2	52.3	74.9	--
<i>S. paucispinus</i>	--	10.6	5.9	7.6	--
<i>S. pinniger</i>	--	110.5	26.8	346.5	--
<i>S. proriger</i>	--	0.0	0.0	0.0	--
<i>S. reedi</i>	--	0.0	0.0	0.0	--
<i>S. rubberimus</i>	--	0.0	0.0	0.0	--
<i>S. saxicola</i>	--	0.0	2.4	0.0	--
<i>S. zacentrus</i>	--	0.0	0.0	0.0	--
<i>S. alascanus</i>	--	1.9	0.0	0.0	--
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	--
<i>S. aleutianus</i>	--	0.0	0.0	0.0	--
<i>S. goodei</i>	--	0.0	0.2	0.0	--
Other	--	0.0	0.0	4.6	--
Total mt Landed	45.4	287.1	113.4	634.6	26.8
Sampled mt	0.0	26.4	2.7	51.7	0.0

*PMFC area 2A & 3B not sampled.

Appendix Table B-44. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1975.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B
<i>S. alutus</i>	--	3.2	1.0	0.1	0.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	3.8	0.7	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.1	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	7.0	0.5	0.6	0.0
<i>S. diploproa</i>	--	0.3	0.0	0.0	0.0
<i>S. elongatus</i>	--	8.2	0.2	0.1	0.1
<i>S. entomelas</i>	--	0.0	3.1	4.1	0.0
<i>S. flavidus</i>	--	66.6	11.1	318.0	4.5
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	1.5	27.2	154.9	0.0
<i>S. paucispinus</i>	--	32.9	11.6	5.5	0.5
<i>S. pinniger</i>	--	139.8	22.0	200.5	17.4
<i>S. proriger</i>	--	0.0	0.0	0.2	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	1.1	0.6	0.2
<i>S. saxicola</i>	--	0.0	0.0	0.6	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.1	0.0
<i>S. alascanus</i>	--	28.7	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	1.5	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	38.6	293.5	78.5	685.4	22.7
Sampled mt	0.0	51.5	7.7	78.8	1.2

*PMFC area 2A not sampled.

Appendix Table B-45. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1976.

Species	PMFC AREA				
	2A*	2B*	2C	3A	3B*
<i>S. alutus</i>	--	--	0.0	5.5	--
<i>S. aurora</i>	--	--	0.0	0.0	--
<i>S. babcocki</i>	--	--	0.0	0.0	--
<i>S. brevispinus</i>	--	--	0.0	0.1	--
<i>S. borealis</i>	--	--	0.0	0.0	--
<i>S. crameri</i>	--	--	0.0	3.4	--
<i>S. diploproa</i>	--	--	0.0	0.0	--
<i>S. elongatus</i>	--	--	12.7	0.1	--
<i>S. entomelas</i>	--	--	0.0	53.0	--
<i>S. flavidus</i>	--	--	1.1	931.0	--
<i>S. helvomaculatus</i>	--	--	0.0	0.0	--
<i>S. melanops</i>	--	--	19.6	270.0	--
<i>S. paucispinus</i>	--	--	3.7	8.5	--
<i>S. pinniger</i>	--	--	4.8	144.9	--
<i>S. proriger</i>	--	--	0.0	0.0	--
<i>S. reedi</i>	--	--	0.0	0.0	--
<i>S. rubberimus</i>	--	--	0.3	0.0	--
<i>S. saxicola</i>	--	--	0.0	0.0	--
<i>S. zacentrus</i>	--	--	0.0	0.0	--
<i>S. alascanus</i>	--	--	0.0	2.8	--
<i>S. chlorostictus</i>	--	--	0.0	0.0	--
<i>S. aleutianus</i>	--	--	0.0	0.0	--
<i>S. goodei</i>	--	--	0.0	0.0	--
Other	--	--	0.0	0.0	--
Total mt Landed	72.6	521.2	42.2	1,419.3	0.5
Sampled mt	0.0	0.0	3.9	200.7	0.0

*PMFC areas 2A, 2B & 3B not sampled.

Appendix Table B-46. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1977.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B*
<i>S. alutus</i>	--	3.4	0.0	2.9	--
<i>S. aurora</i>	--	0.0	0.0	0.0	--
<i>S. babcocki</i>	--	0.1	0.0	0.0	--
<i>S. brevispinus</i>	--	28.2	0.0	2.9	--
<i>S. borealis</i>	--	0.0	0.0	0.0	--
<i>S. crameri</i>	--	1.9	0.0	2.9	--
<i>S. diploproa</i>	--	0.0	0.0	0.0	--
<i>S. elongatus</i>	--	1.0	0.0	0.1	--
<i>S. entomelas</i>	--	0.1	0.0	316.7	--
<i>S. flavidus</i>	--	40.8	4.0	1,016.0	--
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	--
<i>S. melanops</i>	--	0.0	0.0	14.8	--
<i>S. paucispinus</i>	--	25.3	0.0	5.9	--
<i>S. pinniger</i>	--	318.9	113.7	111.1	--
<i>S. proriger</i>	--	0.0	0.0	2.9	--
<i>S. reedi</i>	--	0.0	0.0	0.0	--
<i>S. rubberimus</i>	--	4.4	0.0	0.0	--
<i>S. saxicola</i>	--	0.5	0.0	0.0	--
<i>S. zacentrus</i>	--	0.0	0.0	0.1	--
<i>S. alascanus</i>	--	51.1	0.0	0.1	--
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	--
<i>S. aleutianus</i>	--	0.0	0.0	0.0	--
<i>S. goodei</i>	--	0.0	0.0	0.0	--
Other	--	10.6	12.7	0.0	--
Total mt Landed	11.3	486.3	130.4	1,476.4	0.5
Sampled mt	0.0	227.9	12.4	441.2	0.0

*PMFC areas 2A & 3B not sampled.

Appendix Table B-47. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1978.

Species	PMFC AREA				
	2A*	2B	2C	3A	3B*
<i>S. alutus</i>	--	2.6	14.6	7.9	--
<i>S. aurora</i>	--	0.0	0.0	0.0	--
<i>S. babcocki</i>	--	2.6	3.0	0.0	--
<i>S. brevispinus</i>	--	41.1	1.5	0.1	--
<i>S. borealis</i>	--	0.0	0.0	0.0	--
<i>S. crameri</i>	--	12.8	47.8	0.1	--
<i>S. diploproa</i>	--	4.3	1.5	0.0	--
<i>S. elongatus</i>	--	22.3	0.1	7.9	--
<i>S. entomelas</i>	--	0.9	0.0	465.5	--
<i>S. flavidus</i>	--	22.3	35.7	1,742.2	--
<i>S. helvomaculatus</i>	--	0.1	0.1	0.0	--
<i>S. melanops</i>	--	12.0	201.8	85.1	--
<i>S. paucispinus</i>	--	67.6	16.1	34.6	--
<i>S. pinniger</i>	--	630.1	22.9	287.2	--
<i>S. proriger</i>	--	1.7	0.0	0.0	--
<i>S. reedi</i>	--	0.0	12.1	0.0	--
<i>S. rubberimus</i>	--	6.0	4.5	7.9	--
<i>S. saxicola</i>	--	0.9	0.1	0.0	--
<i>S. zacentrus</i>	--	0.1	0.0	21.3	--
<i>S. alascanus</i>	--	28.3	141.4	0.0	--
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	--
<i>S. aleutianus</i>	--	0.9	0.0	0.0	--
<i>S. goodei</i>	--	0.0	0.0	0.0	--
Other	--	0.0	0.0	0.0	--
Total mt Landed	261.4	856.6	503.2	2,659.8	--
Sampled mt	0.0	415.3	9.8	334.9	--

*PMFC areas 2A & 3B not sampled.

Appendix Table B-48. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1979.

Species	PMFC AREA				
	2A	2B	2C	3A	3B*
<i>S. alutus</i>	0.0	0.0	428.7	178.4	--
<i>S. aurora</i>	0.0	0.0	0.0	0.0	--
<i>S. babcocki</i>	0.0	0.1	0.0	0.1	--
<i>S. brevispinus</i>	0.0	20.2	13.7	2.8	--
<i>S. borealis</i>	0.0	0.0	0.0	0.0	--
<i>S. crameri</i>	91.2	0.1	36.5	47.4	--
<i>S. diploproa</i>	156.4	0.1	70.7	0.0	--
<i>S. elongatus</i>	0.0	0.1	0.0	2.8	--
<i>S. entomelas</i>	0.0	37.8	453.7	540.8	--
<i>S. flavidus</i>	0.0	115.9	0.0	1,496.9	--
<i>S. helvomaculatus</i>	0.0	0.1	0.0	0.0	--
<i>S. melanops</i>	0.0	0.0	186.9	228.6	--
<i>S. paucispinus</i>	207.1	214.2	47.9	19.5	--
<i>S. pinniger</i>	0.0	2,002.8	291.8	178.4	--
<i>S. proriger</i>	0.0	10.1	0.0	0.0	--
<i>S. reedi</i>	149.0	17.6	750.2	22.3	--
<i>S. rubberimus</i>	0.0	70.6	0.0	0.0	--
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	--
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	--
<i>S. alascanus</i>	0.0	2.5	0.0	11.2	--
<i>S. chlorostictus</i>	0.0	27.7	0.0	0.0	--
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	--
<i>S. goodei</i>	0.0	0.0	0.0	0.0	--
Other	0.0	0.0	0.0	58.5	--
Total mt Landed	603.7	2,519.9	2,280.1	2,787.7	--
Sampled mt	4.9	136.5	46.9	303.0	0.0

*PMFC area 3B not sampled.

Appendix Table B-49. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1980.

Species	PMFC AREA				
	2A	2B	2C	3A	3B*
S. alutus	0.0	5.6	0.0	12.6	--
S. aurora	0.0	0.0	0.0	0.0	--
S. babcocki	3.8	2.8	0.1	0.1	--
S. brevispinus	0.0	2.8	75.6	67.1	--
S. borealis	0.0	0.0	0.0	0.0	--
S. cramerii	4.8	24.9	0.0	4.2	--
S. diploproa	5.4	16.6	13.4	0.0	--
S. elongatus	0.0	8.3	0.0	8.4	--
S. entomelas	39.6	98.5	415.6	238.9	--
S. flavidus	141.6	61.1	0.1	2,925.3	--
S. helvomaculatus	0.0	0.1	0.0	0.0	--
S. melanops	11.7	0.0	0.0	16.8	--
S. paucispinus	45.3	109.6	6.7	117.3	--
S. pinniger	51.2	868.9	6.7	779.3	--
S. proriger	0.0	15.3	3.7	0.0	--
S. reedi	7.3	0.1	80.7	0.0	--
S. rubberimus	3.8	31.9	6.7	0.0	--
S. saxicola	0.0	0.1	0.0	0.0	--
S. zacentrus	0.0	0.1	0.1	0.0	--
S. alascanus	0.0	131.0	0.0	0.1	--
S. chlorostictus	2.2	6.9	0.0	0.0	--
S. aleutianus	0.0	2.8	0.0	0.0	--
S. goodei	0.0	0.0	0.0	0.0	--
Other	0.1	0.1	0.0	20.9	--
Total mt Landed	316.8	1,387.5	609.4	4,191.0	5.4
Sampled mt	70.8	139.1	16.0	413.6	0.0

*PMFC area 3B not sampled.

Appendix Table B-50. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1981.

Species	PMFC AREA				
	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.4	5.1	1.4	14.5	0.0
<i>S. aurora</i>	0.4	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	3.3	0.0	1.4	3.6	0.0
<i>S. brevispinus</i>	0.1	0.0	5.4	36.5	0.8
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	1.5	0.0	6.8	0.1	0.0
<i>S. diploproa</i>	0.7	0.0	0.1	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	1.4	0.1	0.0
<i>S. entomelas</i>	41.1	15.2	270.7	1,232.8	3.1
<i>S. flavidus</i>	196.1	893.9	180.9	1,849.0	31.2
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	1.4	346.5	0.0
<i>S. paucispinus</i>	18.1	723.8	335.9	32.8	5.2
<i>S. pinniger</i>	76.3	871.1	483.7	94.8	9.7
<i>S. proriger</i>	0.0	0.0	28.6	0.0	0.8
<i>S. reedi</i>	0.1	0.0	0.1	0.0	0.0
<i>S. rubberimus</i>	1.5	0.0	27.2	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	4.1	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	6.8	0.0	0.0
<i>S. alascanus</i>	16.6	15.2	0.1	0.1	0.0
<i>S. chlorostictus</i>	2.2	0.0	4.1	0.0	0.0
<i>S. aleutianus</i>	11.1	15.2	0.1	0.0	0.0
<i>S. goodei</i>	0.4	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	36.5	0.1
Total mt Landed	369.9	2,539.5	1,360.2	3,647.3	50.9
Sampled mt	159.4	0.4	268.0	759.0	50.9

Appendix Table B-51. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1982.

Species	PMFC AREA				
	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.0	3.8	17.0	3.1	9.3
<i>S. aurora</i>	0.0	0.1	0.0	0.0	0.0
<i>S. babcocki</i>	4.0	7.6	0.1	1.5	0.6
<i>S. brevispinus</i>	0.1	38.0	50.9	27.9	12.8
<i>S. borealis</i>	0.0	0.1	0.0	0.0	0.0
<i>S. crameri</i>	4.0	7.6	82.1	1.5	1.2
<i>S. diploproa</i>	1.3	3.8	0.1	0.0	0.0
<i>S. elongatus</i>	9.2	75.9	0.1	4.6	0.6
<i>S. entomelas</i>	5.3	432.8	623.0	91.3	7.6
<i>S. flavidus</i>	209.1	371.8	254.7	796.0	361.2
<i>S. helvomaculatus</i>	0.0	11.4	0.0	0.0	0.0
<i>S. melanops</i>	67.3	0.1	14.2	244.6	24.6
<i>S. paucispinus</i>	54.1	561.8	130.3	37.2	9.9
<i>S. pinniger</i>	935.1	1,412.1	1,435.7	289.5	137.9
<i>S. proriger</i>	1.3	523.9	101.9	0.0	0.0
<i>S. reedi</i>	0.0	11.3	50.9	1.5	0.1
<i>S. rubberimus</i>	11.9	53.1	45.3	0.0	0.0
<i>S. saxicola</i>	0.0	11.3	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	144.3	0.1	0.0	0.0
<i>S. alascanus</i>	1.3	53.1	22.6	4.6	5.3
<i>S. chlorostictus</i>	13.2	19.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	7.6	2.8	1.5	1.2
<i>S. goodei</i>	1.3	34.2	0.0	0.0	0.0
Other	0.0	11.4	0.0	43.3	12.3
Total mt Landed	1,318.6	3,796.1	2,831.8	1,548.1	584.6
Sampled mt	50.1	540.3	306.3	403.5	504.8

Appendix Table B-52. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1983.

Species	PMFC AREA				
	2A	2B	2C	3A	3B
<i>S. alutus</i>	1.0	7.3	77.3	17.7	1.8
<i>S. aurora</i>	0.0	0.1	0.0	0.0	0.9
<i>S. babcocki</i>	2.9	7.3	4.3	10.1	2.7
<i>S. brevispinus</i>	4.9	65.8	283.3	0.1	14.5
<i>S. borealis</i>	0.0	0.1	0.1	0.0	3.6
<i>S. cramerii</i>	5.9	14.6	34.3	7.6	1.4
<i>S. diploproa</i>	0.1	0.1	0.1	2.5	0.0
<i>S. elongatus</i>	9.8	29.3	0.1	2.5	0.5
<i>S. entomelas</i>	13.7	223.1	639.5	263.5	7.3
<i>S. flavidus</i>	416.2	765.0	278.3	1,720.2	199.1
<i>S. helvomaculatus</i>	2.0	3.7	0.1	0.0	0.0
<i>S. melanops</i>	20.6	0.0	21.5	60.8	39.0
<i>S. paucispinus</i>	197.3	544.8	201.7	48.1	44.0
<i>S. pinniger</i>	239.4	1,834.6	2,398.8	288.0	121.7
<i>S. proriger</i>	1.0	14.6	4.3	0.0	0.0
<i>S. reedi</i>	0.0	25.6	321.9	5.1	0.1
<i>S. rubberimus</i>	8.8	58.5	21.5	0.0	0.0
<i>S. saxicola</i>	0.0	0.1	0.0	0.0	0.0
<i>S. zacentrus</i>	2.0	14.6	4.3	0.0	1.4
<i>S. alascanus</i>	31.4	21.9	0.1	10.1	3.2
<i>S. chlorostictus</i>	16.7	14.6	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	0.1	0.1	5.1	1.8
<i>S. goodei</i>	6.9	10.9	0.0	0.0	0.0
Other	1.0	0.0	0.1	152.0	10.9
Total mt Landed	981.7	3,656.7	4,291.7	2,593.4	453.9
Sampled mt	206.2	406.5	538.9	1,130.0	228.8

Appendix Table B-53. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1984.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.1	4.3	1.7	3.4	6.7	1.8
<i>S. aurora</i>	0.1	0.2	0.1	2.1	0.5	0.2
<i>S. babcocki</i>	0.2	8.6	4.9	2.1	4.9	5.8
<i>S. brevispinus</i>	0.1	2.0	5.7	39.0	23.0	10.5
<i>S. borealis</i>	0.0	0.1	3.5	3.4	3.0	6.5
<i>S. crameri</i>	0.9	68.6	48.4	62.7	13.4	1.6
<i>S. diploproa</i>	0.2	2.7	2.0	7.0	0.9	0.1
<i>S. elongatus</i>	0.1	3.1	0.1	0.1	0.3	0.1
<i>S. entomelas</i>	0.2	16.1	12.3	213.2	56.6	0.1
<i>S. flavidus</i>	2.3	50.9	211.7	305.0	365.3	87.2
<i>S. helvomaculatus</i>	0.1	0.1	0.1	0.1	0.1	0.1
<i>S. melanops</i>	0.6	0.1	0.0	0.1	67.2	0.0
<i>S. paucispinus</i>	1.3	69.7	66.3	72.6	15.6	5.2
<i>S. pinniger</i>	4.6	27.0	237.4	405.5	87.1	43.3
<i>S. proriger</i>	0.1	0.1	0.1	8.5	1.4	0.1
<i>S. reedi</i>	0.0	0.0	1.6	281.5	11.5	0.2
<i>S. rubberimus</i>	0.9	2.1	10.6	8.0	4.5	2.9
<i>S. saxicola</i>	0.1	0.1	0.0	0.0	0.1	0.0
<i>S. zacentrus</i>	0.1	0.1	0.2	2.7	5.2	0.1
<i>S. alascanus</i>	0.0	0.1	0.1	0.1	3.6	1.0
<i>S. chlorostictus</i>	0.2	6.8	0.4	0.1	0.0	0.0
<i>S. aleutianus</i>	0.0	0.1	0.2	10.5	3.6	2.2
<i>S. goodei</i>	0.1	0.9	0.1	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.3	0.1	0.0	0.0	2.2
<i>S. melanostomus</i>	0.0	0.1	0.1	0.1	0.5	1.2
<i>S. wilsoni</i>	0.0	0.1	0.1	0.0	0.0	0.0
<i>S. rufus</i>	0.0	0.1	0.1	4.6	0.0	0.0
<i>S. jordani</i>	0.0	0.0	0.0	0.1	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0
Total mt Landed	12.3	264.4	607.9	1,432.5	675.0	172.4
Sampled mt	12.3	73.7	250.5	538.7	637.3	66.8

Appendix Table B-54. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1985.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.9	8.4	13.9	13.2	31.9	6.2
<i>S. aurora</i>	0.1	0.9	0.5	0.7	1.1	1.7
<i>S. babcocki</i>	0.9	6.4	5.7	2.7	36.5	7.8
<i>S. brevispinus</i>	0.1	0.3	39.0	91.0	126.4	23.8
<i>S. borealis</i>	0.5	3.4	2.1	12.3	24.9	29.0
<i>S. crameri</i>	11.2	87.0	165.2	127.2	56.7	17.6
<i>S. diploproa</i>	1.2	7.8	10.5	69.3	11.7	13.0
<i>S. elongatus</i>	0.1	0.5	2.4	0.1	3.4	0.3
<i>S. entomelas</i>	0.1	1.2	18.2	2.7	3.2	0.9
<i>S. flavidus</i>	0.1	0.8	49.6	57.3	32.1	12.1
<i>S. helvomaculatus</i>	0.1	0.1	0.4	0.2	0.8	0.1
<i>S. melanops</i>	0.0	0.2	0.0	0.1	38.1	0.0
<i>S. paucispinus</i>	1.4	10.7	104.6	222.3	93.4	9.2
<i>S. pinniger</i>	1.4	30.6	152.6	305.2	381.2	74.2
<i>S. proriger</i>	0.0	0.1	1.3	56.0	8.8	1.4
<i>S. reedi</i>	0.3	1.4	21.0	485.9	50.0	9.0
<i>S. rubberimus</i>	0.4	7.1	14.3	42.9	15.2	3.7
<i>S. saxicola</i>	0.1	0.2	0.2	0.0	0.5	0.1
<i>S. zacentrus</i>	0.1	0.4	5.6	49.2	45.3	4.1
<i>S. alascanus</i>	0.3	2.2	3.0	2.8	21.6	13.2
<i>S. chlorostictus</i>	0.1	2.8	2.3	0.2	0.0	0.0
<i>S. aleutianus</i>	0.7	3.5	3.8	20.8	24.4	14.1
<i>S. goodei</i>	0.1	0.5	1.5	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.0	0.1	0.1	0.0	0.0
<i>S. melanostomus</i>	0.1	0.5	0.3	0.0	0.3	0.7
<i>S. wilsoni</i>	0.0	0.0	0.1	0.1	0.0	0.0
<i>S. rufus</i>	0.1	0.3	1.3	10.7	0.1	0.0
<i>S. jordani</i>	0.0	0.1	0.1	0.1	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0
Total mt Landed	20.4	177.4	619.6	1,573.1	1,007.6	242.2
Sampled mt	2.4	92.4	153.5	601.5	231.0	93.1

Appendix Table B-55. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1986.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.1	1.0	5.9	14.4	14.6	11.8
<i>S. aurora</i>	0.1	0.4	0.1	1.1	3.1	3.7
<i>S. babcocki</i>	0.2	6.0	4.2	4.6	13.1	1.7
<i>S. brevispinus</i>	0.1	0.5	11.9	39.2	114.6	25.4
<i>S. borealis</i>	0.1	0.1	0.0	6.1	26.0	29.7
<i>S. crameri</i>	0.3	16.7	114.1	79.0	59.1	15.9
<i>S. diploproa</i>	0.2	6.0	0.2	19.7	5.2	5.2
<i>S. elongatus</i>	0.1	0.2	1.8	0.1	0.1	0.1
<i>S. entomelas</i>	0.1	0.2	12.3	3.3	5.9	4.8
<i>S. flavidus</i>	0.1	0.1	64.2	13.3	13.5	0.3
<i>S. helvomaculatus</i>	0.1	0.4	0.1	0.1	0.1	0.1
<i>S. melanops</i>	0.0	1.8	0.0	0.1	55.4	0.0
<i>S. paucispinus</i>	0.3	10.4	156.0	39.1	47.3	7.5
<i>S. pinniger</i>	0.6	53.5	165.0	327.1	233.6	45.8
<i>S. proriger</i>	0.1	0.2	3.1	8.9	0.1	0.1
<i>S. reedi</i>	0.1	0.1	5.2	96.7	23.0	8.0
<i>S. rubberimus</i>	0.1	4.2	11.5	8.3	4.6	0.9
<i>S. saxicola</i>	0.1	0.3	0.1	0.0	0.1	0.0
<i>S. zacentrus</i>	0.1	0.8	3.1	4.8	12.6	1.1
<i>S. alascanus</i>	0.1	0.1	0.1	3.1	7.9	13.0
<i>S. chlorostictus</i>	0.1	3.3	1.8	0.1	0.0	0.0
<i>S. aleutianus</i>	0.1	1.2	5.4	72.0	43.5	25.5
<i>S. goodei</i>	0.1	1.0	0.1	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.1	0.1	0.1	0.0	0.0
<i>S. melanostomus</i>	0.0	0.0	0.0	0.0	10.8	1.5
<i>S. wilsoni</i>	0.1	0.1	0.1	0.1	0.0	0.0
<i>S. rufus</i>	0.0	0.0	0.0	3.1	0.0	0.0
<i>S. jordani</i>	0.0	0.0	0.1	0.1	0.0	0.0
Other	0.0	0.4	0.1	0.2	0.0	0.0
Total mt Landed	3.4	109.1	566.6	744.7	694.2	202.1
Sampled mt	1.8	9.6	158.2	336.0	145.8	79.8

Appendix Table B-56. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1987.

Species	PMFC AREA					
	1C*	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	3.3	4.2	34.4	30.0	3.8
<i>S. aurora</i>	--	0.0	0.1	0.1	0.2	0.1
<i>S. babcocki</i>	--	5.8	3.8	3.5	15.7	0.9
<i>S. brevispinus</i>	--	0.1	21.2	54.4	66.2	16.4
<i>S. borealis</i>	--	0.0	11.5	12.7	30.3	2.6
<i>S. crameri</i>	--	52.9	102.4	78.4	109.2	17.9
<i>S. diploproa</i>	--	1.3	5.9	42.6	15.2	1.3
<i>S. elongatus</i>	--	0.5	5.0	2.3	8.4	0.4
<i>S. entomelas</i>	--	1.3	11.5	8.2	7.1	0.1
<i>S. flavidus</i>	--	5.9	27.6	40.3	22.7	3.8
<i>S. helvomaculatus</i>	--	0.1	0.1	0.1	2.2	0.1
<i>S. melanops</i>	--	0.0	0.0	0.1	15.2	0.0
<i>S. paucispinus</i>	--	11.2	51.1	36.0	82.2	10.3
<i>S. pinniger</i>	--	64.4	453.8	364.0	390.7	81.9
<i>S. proriger</i>	--	0.2	20.2	5.4	23.9	1.2
<i>S. reedi</i>	--	0.1	12.8	100.3	23.4	3.4
<i>S. rubberimus</i>	--	1.4	17.9	21.3	13.3	3.7
<i>S. saxicola</i>	--	0.1	0.1	0.1	0.1	0.1
<i>S. zacentrus</i>	--	0.1	3.4	6.8	27.9	2.3
<i>S. alascanus</i>	--	0.2	3.3	0.2	18.3	8.4
<i>S. chlorostictus</i>	--	0.2	0.7	0.1	0.0	0.0
<i>S. aleutianus</i>	--	3.3	4.1	100.6	87.3	4.9
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	--	0.0	0.1	0.1	0.1	0.1
<i>S. melanostomus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. wilsoni</i>	--	0.1	0.1	0.1	0.0	0.0
<i>S. rufus</i>	--	0.0	0.0	0.1	0.0	0.0
<i>S. jordani</i>	--	0.0	0.1	0.0	0.0	0.0
Other	--	0.0	0.2	0.0	0.0	0.0
Total mt Landed	0.3	152.5	761.2	912.2	989.6	163.7
Sampled mt	0.0	11.8	172.7	213.2	260.9	80.8

*PMFC area 1C not sampled.

Appendix Table B-57. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1988.

Species	PMFC AREA					
	1C*	2A	2B	2C	3A	3B
S. alutus	--	3.7	11.6	27.0	35.6	6.2
S. aurora	--	2.1	0.1	6.5	7.3	3.2
S. babcocki	--	8.2	1.9	5.9	22.6	5.0
S. brevispinus	--	1.5	12.8	63.9	91.3	6.7
S. borealis	--	0.0	0.0	3.1	35.0	4.6
S. crameri	--	71.3	131.5	103.4	99.4	7.5
S. diploproa	--	2.8	6.3	37.3	15.5	8.8
S. elongatus	--	0.6	3.1	2.1	10.0	1.6
S. entomelas	--	2.4	9.9	3.6	6.5	0.5
S. flavidus	--	16.6	23.3	39.7	15.6	15.7
S. helvomaculatus	--	0.1	0.1	0.3	0.9	0.4
S. melanops	--	0.0	0.0	0.0	108.2	0.0
S. paucispinus	--	16.3	44.2	60.4	60.5	4.8
S. pinniger	--	4.8	398.3	420.0	384.1	21.2
S. proriger	--	0.3	4.1	15.1	33.7	0.9
S. reedi	--	0.3	2.0	139.7	62.8	5.5
S. rubberimus	--	3.3	26.6	47.0	19.5	0.7
S. saxicola	--	0.0	0.0	0.0	2.1	0.0
S. zacentrus	--	0.1	2.0	16.8	98.4	1.1
S. alascanus	--	0.0	0.4	4.0	39.6	1.6
S. chlorostictus	--	0.0	0.0	0.0	0.0	0.0
S. aleutianus	--	1.1	2.5	49.3	54.4	1.4
S. goodei	--	0.0	0.0	0.0	0.0	0.0
S. nigrocinctus	--	0.0	0.1	0.0	0.0	0.0
S. melanostomus	--	0.0	0.0	0.0	0.3	0.2
S. wilsoni	--	0.0	0.1	0.1	0.0	0.0
S. rufus	--	0.0	0.1	0.0	0.0	0.0
S. altivelis	--	0.0	0.1	0.0	4.6	0.0
Other	--	0.0	0.1	0.0	0.0	0.0
Total mt Landed	13.4	135.5	681.2	1,045.2	1,207.9	97.6
Sampled mt	0.0	3.6	107.6	194.6	206.8	32.5

*PMFC area 1C not sampled.

Appendix Table B-58. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1989.

Species	PMFC AREA					
	1C*	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	0.8	7.8	15.3	88.3	9.3
<i>S. aurora</i>	--	0.0	0.9	7.2	11.5	0.5
<i>S. babcocki</i>	--	2.6	2.4	1.8	15.5	3.2
<i>S. brevispinus</i>	--	1.7	10.3	88.0	52.5	17.5
<i>S. borealis</i>	--	0.0	0.8	15.9	52.9	9.7
<i>S. cramerii</i>	--	0.1	49.3	58.8	125.5	17.5
<i>S. diploproa</i>	--	0.0	2.8	17.2	20.3	2.4
<i>S. elongatus</i>	--	0.1	16.2	1.2	7.7	4.3
<i>S. entomelas</i>	--	3.4	57.4	10.2	7.0	0.6
<i>S. flavidus</i>	--	10.1	51.6	63.9	15.1	2.3
<i>S. helvomaculatus</i>	--	0.1	3.8	0.0	3.5	0.4
<i>S. melanops</i>	--	0.0	0.0	0.0	72.1	0.9
<i>S. paucispinus</i>	--	16.3	75.0	100.7	29.7	14.7
<i>S. pinniger</i>	--	74.0	214.1	675.7	247.6	112.2
<i>S. proriger</i>	--	0.1	10.8	29.3	69.3	9.3
<i>S. reedi</i>	--	0.0	35.3	84.0	69.7	10.6
<i>S. rubberimus</i>	--	2.7	7.7	55.6	39.8	10.8
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.2	0.1	13.0	72.3	16.9
<i>S. alascanus</i>	--	0.0	0.3	0.0	12.0	0.6
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	17.1	52.6	73.0	5.5
<i>S. goodei</i>	--	0.1	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	--	0.0	0.5	0.0	0.2	0.0
<i>S. wilsoni</i>	--	0.0	2.1	0.0	0.0	0.0
<i>S. rufus</i>	--	0.0	0.2	0.6	0.6	0.0
<i>S. jordani</i>	--	0.0	0.0	0.0	0.0	0.0
Other	--	0.0	44.5	0.0	0.0	0.0
Total mt Landed	1.1	112.3	611.0	1,291.0	1,086.1	249.2
Sampled mt	0.0	6.9	89.6	156.2	219.1	76.3

*PMFC area 1C not sampled.

Appendix Table B-59. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1990.

Species	PMFC AREA					
	1C*	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	0.0	9.8	5.6	15.5	2.7
<i>S. aurora</i>	--	0.0	0.1	1.3	15.0	0.3
<i>S. babcocki</i>	--	0.1	6.5	3.8	9.4	2.2
<i>S. brevispinus</i>	--	0.0	0.0	4.5	83.5	25.0
<i>S. borealis</i>	--	0.0	0.0	8.6	105.7	8.5
<i>S. crameri</i>	--	0.1	35.9	74.3	72.7	7.3
<i>S. diploproa</i>	--	2.6	24.6	6.4	12.6	1.1
<i>S. elongatus</i>	--	0.2	29.4	0.0	7.0	1.1
<i>S. entomelas</i>	--	0.4	3.0	0.8	7.7	0.3
<i>S. flavidus</i>	--	40.4	0.1	0.1	7.4	0.4
<i>S. helvomaculatus</i>	--	0.1	0.2	0.1	1.5	0.1
<i>S. melanops</i>	--	0.0	0.0	0.0	33.6	0.0
<i>S. paucispinus</i>	--	16.0	4.6	15.2	40.8	12.4
<i>S. pinniger</i>	--	36.2	351.2	58.1	335.3	47.4
<i>S. proriger</i>	--	0.0	154.2	1.4	77.7	1.9
<i>S. reedi</i>	--	0.0	0.1	57.3	67.4	0.8
<i>S. rubberimus</i>	--	0.9	0.1	8.2	16.0	2.5
<i>S. saxicola</i>	--	0.0	0.1	0.0	0.0	0.1
<i>S. zacentrus</i>	--	0.0	10.4	1.1	32.0	1.1
<i>S. alascanus</i>	--	0.0	0.1	0.1	2.0	0.1
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.1	0.1	24.2	105.4	3.9
<i>S. goodei</i>	--	0.0	1.9	0.1	0.0	0.0
<i>S. nigrocinctus</i>	--	0.0	0.0	0.0	0.0	0.1
<i>S. melanostomus</i>	--	0.0	0.1	0.0	0.4	0.2
<i>S. wilsoni</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. rufus</i>	--	0.0	0.1	1.6	0.2	0.0
<i>S. jordani</i>	--	0.0	0.0	0.0	0.0	0.0
Other	--	0.0	0.1	0.0	0.0	0.1
Total mt Landed	0.0	97.1	632.7	272.8	1,048.8	119.6
Sampled mt	0.0	6.5	52.3	41.3	134.4	119.6

*PMFC area 1C not sampled.

Appendix Table B-60. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1991.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	0.3	8.3	21.0	8.2	15.1
<i>S. aurora</i>	--	0.2	1.2	20.2	5.0	2.8
<i>S. babcocki</i>	--	1.2	3.6	2.4	8.8	22.7
<i>S. brevispinus</i>	--	0.0	20.2	4.0	23.3	254.1
<i>S. borealis</i>	--	0.0	4.7	33.1	48.5	27.5
<i>S. crameri</i>	--	4.9	98.5	85.5	69.9	39.7
<i>S. diploproa</i>	--	2.1	7.1	11.3	11.3	10.4
<i>S. elongatus</i>	--	0.2	1.2	4.0	6.9	11.4
<i>S. entomelas</i>	--	2.0	4.7	4.0	3.8	0.9
<i>S. flavidus</i>	--	3.6	34.4	54.0	8.2	10.4
<i>S. helvomaculatus</i>	--	0.1	1.2	1.6	1.2	0.9
<i>S. melanops</i>	--	1.7	1.2	0.8	1.8	0.9
<i>S. paucispinus</i>	--	3.1	51.0	9.7	40.9	198.8
<i>S. pinniger</i>	--	8.8	805.8	107.3	263.1	222.5
<i>S. proriger</i>	--	0.0	14.2	7.3	6.9	23.7
<i>S. reedi</i>	--	0.0	59.3	32.2	34.0	16.1
<i>S. rubberimus</i>	--	1.4	37.9	4.0	11.3	26.5
<i>S. saxicola</i>	--	0.3	1.2	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	2.4	2.4	27.7	27.5
<i>S. alascanus</i>	--	0.1	1.2	0.8	0.6	0.9
<i>S. chlorostictus</i>	--	0.7	2.4	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.4	5.9	390.6	41.6	31.2
<i>S. goodei</i>	--	0.0	3.6	0.0	0.0	0.0
<i>S. nigrocinctus</i>	--	0.0	1.2	0.0	0.0	0.9
<i>S. melanostomus</i>	--	0.1	1.2	9.7	0.6	1.9
<i>S. wilsoni</i>	--	0.0	1.2	0.0	0.0	0.0
<i>S. rufus</i>	--	0.1	5.9	0.0	6.3	0.0
<i>S. jordani</i>	--	0.1	1.2	0.0	0.0	0.0
<i>S. altivelis</i>	--	0.0	1.2	0.8	0.0	0.0
<i>S. rosaceus</i>	--	0.0	1.2	0.0	0.0	0.0
<i>S. maliger</i>	--	0.0	1.2	0.0	0.0	0.0
<i>S. mystinus</i>	--	0.3	1.2	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	4.4	31.7	1,186.7	806.7	629.9	946.8
Sampled mt	0.0	2.7	212.6	20.6	145.4	175.3

Appendix Table B-61. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1992.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	1.2	2.7	16.8	8.6	4.7
<i>S. aurora</i>	--	0.4	0.7	1.8	6.1	1.4
<i>S. babcocki</i>	--	0.5	2.0	0.9	3.1	4.1
<i>S. brevispinus</i>	--	0.0	5.4	18.5	23.9	58.1
<i>S. borealis</i>	--	0.0	0.7	12.3	22.6	10.1
<i>S. crameri</i>	--	6.5	16.1	54.7	67.4	12.2
<i>S. diploproa</i>	--	0.4	0.7	6.2	9.2	4.1
<i>S. elongatus</i>	--	0.3	1.4	2.6	9.2	1.4
<i>S. entomelas</i>	--	0.3	3.4	5.3	1.2	2.7
<i>S. flavidus</i>	--	2.0	57.1	9.7	0.6	2.7
<i>S. helvomaculatus</i>	--	0.1	0.7	0.9	1.2	0.7
<i>S. melanops</i>	--	30.5	7.4	0.0	1.2	39.9
<i>S. paucispinus</i>	--	0.7	25.5	94.5	30.6	73.0
<i>S. pinniger</i>	--	25.1	483.9	388.6	265.5	391.0
<i>S. proriger</i>	--	0.1	8.1	12.4	35.5	20.2
<i>S. reedi</i>	--	0.0	4.7	173.9	17.2	7.4
<i>S. rubberimus</i>	--	10.4	30.2	24.7	15.9	17.6
<i>S. saxicola</i>	--	0.1	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.1	0.7	4.4	12.9	8.8
<i>S. alascanus</i>	--	0.1	0.7	0.9	0.6	0.7
<i>S. chlorostictus</i>	--	0.4	2.7	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.3	3.4	52.9	79.1	10.8
<i>S. goodei</i>	--	0.0	7.4	0.0	0.0	0.0
<i>S. nigrocinctus</i>	--	0.1	0.7	0.0	0.6	1.4
<i>S. melanostomus</i>	--	0.1	0.7	0.0	0.6	0.7
<i>S. wilsoni</i>	--	0.0	0.0	0.0	0.0	0.7
<i>S. rufus</i>	--	0.1	0.7	0.9	0.0	0.0
<i>S. rosaceus</i>	--	0.1	0.0	0.0	0.0	0.0
<i>S. maliger</i>	--	0.6	0.7	0.0	0.0	0.0
<i>S. mystinus</i>	--	6.9	1.4	0.0	0.0	1.4
<i>S. nebularus</i>	--	0.3	0.7	0.0	0.0	0.0
<i>S. caurinus</i>	--	0.2	0.7	0.0	0.0	0.0
<i>S. miniatus</i>	--	0.6	1.4	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	0.1	88.5	672.6	882.9	612.8	675.8
Sampled mt	0.0	18.0	96.8	49.0	127.9	230.9

Appendix Table B-62. Species composition of category 410 (other rockfish) landings (mt) by PMFC area, 1993.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.0	0.4	13.9	5.2	7.9	4.7
<i>S. aurora</i>	0.0	0.4	7.9	6.2	1.2	2.3
<i>S. babcocki</i>	0.2	1.2	1.2	2.0	11.0	7.0
<i>S. brevispinus</i>	0.0	0.1	8.5	6.2	40.2	59.7
<i>S. borealis</i>	0.0	1.7	2.4	13.5	21.3	17.6
<i>S. crameri</i>	0.7	7.6	46.0	66.5	35.3	47.4
<i>S. diploproa</i>	0.0	0.2	0.6	11.4	3.7	3.5
<i>S. elongatus</i>	0.0	1.3	3.6	3.0	4.9	3.5
<i>S. entomelas</i>	0.1	4.4	10.3	1.0	0.6	0.6
<i>S. flavidus</i>	0.1	10.9	33.9	1.0	1.2	12.9
<i>S. helvomaculatus</i>	0.0	0.2	0.6	1.0	1.2	0.6
<i>S. melanops</i>	0.5	9.3	4.8	0.0	43.9	0.6
<i>S. paucispinus</i>	0.0	5.1	33.3	23.9	50.6	45.7
<i>S. pinniger</i>	2.4	55.6	341.4	739.7	262.1	277.6
<i>S. proriger</i>	0.0	1.5	5.5	4.2	49.3	32.8
<i>S. reedi</i>	0.0	0.1	26.0	19.7	17.7	7.0
<i>S. rubberimus</i>	0.2	18.6	43.6	9.4	23.1	8.2
<i>S. saxicola</i>	0.0	0.0	0.6	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.4	3.6	1.0	1.8	4.1
<i>S. alascanus</i>	0.0	0.1	0.6	0.0	0.6	0.6
<i>S. chlorostictus</i>	0.4	7.2	1.2	0.0	0.6	0.0
<i>S. aleutianus</i>	0.0	0.8	2.4	122.7	27.4	47.4
<i>S. goodei</i>	0.0	0.2	4.8	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.2	0.6	0.0	0.6	0.6
<i>S. melanostomus</i>	0.1	1.6	1.8	1.0	0.6	1.2
<i>S. wilsoni</i>	0.0	0.0	0.6	0.0	0.0	0.0
<i>S. rufus</i>	0.0	0.0	0.6	1.0	0.6	0.0
<i>S. jordani</i>	0.0	0.0	0.6	0.0	0.0	0.0
<i>S. altivelis</i>	0.0	0.0	0.6	0.0	0.6	0.0
<i>S. rosaceus</i>	0.0	0.1	1.2	0.0	0.0	0.0
<i>S. maliger</i>	0.0	0.4	0.6	0.0	0.0	0.0
<i>S. mystinus</i>	0.0	3.1	0.6	0.0	1.2	0.0
<i>S. nebularus</i>	0.0	0.1	0.6	0.0	0.0	0.0
<i>S. caurinus</i>	0.0	0.2	0.0	0.0	0.0	0.0
<i>S. ovalis</i>	0.0	0.0	0.6	0.0	0.0	0.0
<i>S. miniatus</i>	0.0	0.1	0.6	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0
Total mt Landed	4.7	133.1	605.7	1,039.6	609.2	585.6
Sampled mt	2.5	28.0	103.7	107.9	104.7	148.7

Appendix Table B-63. Species composition of category 431 (widow rockfish) landings (mt) by PMFC area, 1984.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.0	0.0	0.0	0.0	0.8	0.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.4	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.3	0.0	0.1
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	57.6	0.2	0.0	0.0	0.0
<i>S. entomelas</i>	67.9	379.4	1,151.3	2,540.0	871.6	7.9
<i>S. flavidus</i>	2.1	2.2	7.2	14.7	46.0	0.2
<i>S. helvomaculatus</i>	0.1	0.2	1.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.2	1.5	0.1	0.2	0.0
<i>S. pinniger</i>	0.0	1.1	3.8	0.0	1.7	0.0
<i>S. proriger</i>	0.9	7.0	22.3	0.5	0.4	0.0
<i>S. reedi</i>	0.0	0.1	0.5	1.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.2	1.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.9	8.4	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.1	0.5	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.2	0.2	0.0	0.0	0.0
<i>S. wilsoni</i>	0.0	0.4	0.8	0.0	0.0	0.0
<i>S. jordani</i>	0.1	0.2	0.7	0.3	0.0	0.0
Other	0.0	0.1	0.6	0.2	0.0	0.0
Total mt Landed	71.1	449.9	1,200.1	2,557.2	921.1	8.2
Sampled mt	2.7	13.7	454.0	882.6	413.7	3.2

Appendix Table B-64. Species composition of category 431 (widow rockfish) landings (mt) by PMFC area, 1985.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	14.7	278.9	1,292.3	1,848.3	859.8	13.3
<i>S. flavidus</i>	0.0	0.2	2.4	2.6	25.3	0.9
<i>S. helvomaculatus</i>	0.0	0.0	0.3	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	1.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.1	0.7	0.0	0.7	0.0
<i>S. proriger</i>	0.0	0.3	4.6	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.1	2.4	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. wilsoni</i>	0.0	0.0	0.6	0.0	0.0	0.0
<i>S. jordani</i>	0.0	0.0	0.7	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0
Total mt Landed	14.7	279.6	1,305.0	1,850.9	885.8	14.2
Sampled mt	2.6	74.7	413.2	731.3	503.7	2.3

Appendix Table B-65. Species composition of category 431 (widow rockfish) landings (mt) by PMFC area, 1986.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.4	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	0.2	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.1	0.0	0.1	0.0
<i>S. entomelas</i>	53.4	120.0	681.4	2,053.9	1,337.9	39.4
<i>S. flavidus</i>	0.2	0.1	10.2	1.5	8.3	1.2
<i>S. helvomaculatus</i>	0.0	0.0	0.2	0.0	0.2	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.2	0.5	0.0	1.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.1	0.0	0.8	0.0
<i>S. proriger</i>	0.0	0.0	0.9	0.4	2.7	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.5	0.0	0.0
<i>S. rubberimus</i>	0.0	0.1	0.1	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.1	0.1	2.8	0.0	0.4	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. wilsoni</i>	0.0	0.0	0.2	0.0	0.0	0.0
<i>S. jordani</i>	0.1	0.0	1.3	0.3	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0
Total mt Landed	53.8	120.5	698.4	2,056.6	1,351.4	40.6
Sampled mt	2.3	18.2	216.3	784.6	491.0	2.7

Appendix Table B-66. Species composition of category 431 (widow rockfish) landings (mt) by PMFC area, 1987.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	0.0	0.0	1.7	0.0	0.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.4	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.0	0.0	0.4	0.0
<i>S. diploproa</i>	--	0.0	0.0	0.0	2.4	0.0
<i>S. elongatus</i>	--	0.0	0.0	0.0	2.5	0.0
<i>S. entomelas</i>	--	236.1	479.4	2,535.8	2,921.8	22.7
<i>S. flavidus</i>	--	3.7	0.7	10.3	39.3	0.2
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.1	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	11.9	0.0
<i>S. proriger</i>	--	0.0	0.0	0.0	0.8	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	1.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.2	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	0.0	239.8	480.1	2,548.2	2,980.4	22.9
Sampled mt	0.0	22.4	164.7	675.4	726.8	1.8

Appendix Table B-67. Species composition of category 431 (widow rockfish) landings (mt) by PMFC area, 1988.

Species	PMFC AREA					
	1C*	2A*	2B	2C	3A	3B*
S. alutus	--	--	0.0	0.0	0.0	--
S. aurora	--	--	0.0	0.0	0.0	--
S. babcocki	--	--	0.0	0.0	0.0	--
S. brevispinus	--	--	0.5	0.0	0.0	--
S. borealis	--	--	0.0	0.0	0.0	--
S. crameri	--	--	0.0	0.0	0.0	--
S. diploproa	--	--	0.0	0.0	0.0	--
S. elongatus	--	--	0.0	0.0	3.1	--
S. entomelas	--	--	1,484.7	1,863.4	1,799.4	--
S. flavidus	--	--	2.1	16.6	18.9	--
S. helvomaculatus	--	--	0.0	0.0	0.0	--
S. melanops	--	--	0.0	0.0	0.0	--
S. paucispinus	--	--	0.0	1.1	0.0	--
S. pinniger	--	--	0.0	0.9	0.0	--
S. proriger	--	--	1.2	0.3	3.0	--
S. reedi	--	--	0.0	0.0	0.0	--
S. rubberimus	--	--	0.0	0.0	0.0	--
S. saxicola	--	--	0.0	0.0	0.0	--
S. zacentrus	--	--	0.0	0.0	0.0	--
S. alascanus	--	--	0.0	0.0	0.0	--
S. chlorostictus	--	--	0.0	0.0	0.0	--
S. aleutianus	--	--	0.0	0.0	0.0	--
S. goodei	--	--	0.0	0.0	0.0	--
S. jordani	--	--	0.0	0.0	0.3	--
Other	--	--	0.2	0.0	0.0	--
Total mt Landed	12.8	216.3	1,488.7	1,882.3	1,824.7	24.5
Sampled mt	0.0	0.0	92.9	658.2	196.5	0.0

*PMFC areas 1C, 2A & 3B not sampled.

Appendix Table B-68. Species composition of category 431 (widow rockfish) landings (mt) by PMFC area, 1989.

Species	PMFC AREA					
	1C*	2A	2B	2C	3A	3B
S. alutus	--	0.0	0.0	0.0	0.0	0.0
S. aurora	--	0.0	0.0	0.0	0.0	0.0
S. babcocki	--	0.0	0.0	0.0	0.0	0.0
S. brevispinus	--	0.0	0.0	0.0	0.3	0.0
S. borealis	--	0.0	0.0	0.0	0.0	0.0
S. crameri	--	0.0	0.0	0.0	0.0	0.0
S. diploproa	--	0.0	0.0	0.0	0.0	0.0
S. elongatus	--	0.0	0.0	4.0	0.0	0.0
S. entomelas	--	113.3	2,809.0	2,004.8	1,878.9	124.6
S. flavidus	--	0.0	1.7	2.9	13.5	1.1
S. helvomaculatus	--	0.0	0.0	0.0	0.0	0.0
S. melanops	--	0.0	0.0	0.0	0.0	0.0
S. paucispinus	--	0.0	0.0	0.0	0.9	0.0
S. pinniger	--	0.0	0.0	0.0	0.1	0.0
S. proriger	--	0.0	3.8	0.0	1.9	0.0
S. reedi	--	0.0	0.0	0.0	0.0	0.0
S. rubberimus	--	0.0	0.0	0.0	0.0	0.0
S. saxicola	--	0.0	0.0	0.0	0.0	0.0
S. zacentrus	--	0.0	1.2	0.0	1.1	0.0
S. alascanus	--	0.0	0.0	0.0	0.0	0.0
S. chlorostictus	--	0.0	0.0	0.0	0.0	0.0
S. aleutianus	--	0.0	0.0	0.0	0.0	0.0
S. goodei	--	0.0	0.0	0.0	0.0	0.0
S. jordani	--	0.0	4.2	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total	3.0	113.3	2,819.9	2,011.7	1,896.7	125.7
Sample Size	0.0	20.5	199.4	745.2	323.4	4.8

*PMFC area 1C not sampled.

Appendix Table B-69. Species composition of category 431 (widow rockfish) landings (mt) by PMFC area, 1990.

Species	PMFC AREA					
	1C*	2A	2B	2C	3A	3B
S. alutus	--	0.0	0.0	0.0	0.0	0.0
S. aurora	--	0.0	0.0	0.0	0.0	0.0
S. babcocki	--	0.0	0.0	0.0	0.0	0.0
S. brevispinus	--	0.0	0.0	0.0	0.0	0.0
S. borealis	--	0.0	0.0	0.0	0.0	0.0
S. crameri	--	0.0	0.0	0.0	0.0	0.0
S. diploproa	--	0.0	0.0	0.0	0.0	0.0
S. elongatus	--	0.0	0.0	0.0	0.0	0.0
S. entomelas	--	213.7	2,131.3	1,233.4	1,801.2	148.5
S. flavidus	--	0.0	0.5	0.0	4.8	0.0
S. helvomaculatus	--	0.0	0.0	0.0	0.0	0.0
S. melanops	--	0.0	0.0	0.0	0.0	0.0
S. paucispinus	--	0.0	0.0	0.0	0.0	0.0
S. pinniger	--	0.0	0.0	0.0	0.0	0.0
S. proriger	--	0.0	0.0	0.0	1.3	0.0
S. reedi	--	0.0	0.0	0.0	0.0	0.0
S. rubberimus	--	0.0	0.0	0.0	0.0	0.0
S. saxicola	--	0.0	0.0	0.0	0.0	0.0
S. zacentrus	--	0.0	0.0	0.0	1.6	0.0
S. alascanus	--	0.0	0.0	0.0	0.0	0.0
S. chlorostictus	--	0.0	0.0	0.0	0.0	0.0
S. aleutianus	--	0.0	0.0	0.0	0.0	0.0
S. goodei	--	0.0	0.0	0.0	0.0	0.0
S. wilsoni	--	0.0	0.4	0.0	0.0	0.0
S. jordani	--	0.0	0.1	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	21.9	213.7	2,132.3	1,233.4	1,808.9	148.5
Sampled mt	0.0	33.8	217.6	691.0	297.7	4.5

*PMFC area 1C not sampled.

Appendix Table B-70. Species composition of category 431 (widow rockfish) landings (mt) by PMFC area, 1991.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.8	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	27.6	800.0	1,758.3	900.0	332.5
<i>S. flavidus</i>	--	0.0	0.8	0.0	14.6	0.0
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	0.8	0.0	0.9	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.8	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. altivelis</i>	--	0.0	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	0.2	27.6	803.2	1,758.3	915.5	332.5
Sampled mt	0.0	1.2	164.6	21.1	278.5	17.8

Appendix Table B-71. Species composition of category 431 (widow rockfish) landings (mt) by PMFC area, 1992.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	0.2	0.0	0.0	0.0	0.0
<i>S. aurora</i>	--	0.2	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.2	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	1.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.2	1.0	0.0	0.0	0.0
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.2	6.1	0.0	0.0	0.0
<i>S. entomelas</i>	--	159.0	1,003.2	1,648.7	586.4	482.8
<i>S. flavidus</i>	--	0.0	2.0	4.9	13.8	5.9
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	2.1	1.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	1.0	1.7	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.6	0.0
<i>S. alascanus</i>	--	0.0	1.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. altivelis</i>	--	0.0	1.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	0.0	162.1	1,017.3	1,655.3	600.8	488.7
Sampled mt	0.0	28.7	221.3	52.4	156.4	19.4

Appendix Table B-72. Species composition of category 431 (widow rockfish) landings (mt) by PMFC area, 1993.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.0	0.0	1.2	0.0	0.0	0.0
<i>S. aurora</i>	0.0	0.0	1.2	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.3	1.2	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	1.2	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.8	1.2	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	1.2	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	1.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	1.5	154.7	1,156.8	2,290.9	1,003.1	586.1
<i>S. flavidus</i>	0.4	0.0	2.4	11.5	13.2	1.8
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	4.2	0.0	0.0	0.0	0.0
<i>S. proriger</i>	0.0	0.0	1.2	0.0	2.0	0.0
<i>S. reedi</i>	0.0	0.0	1.2	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	2.4	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.2	2.4	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	1.2	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	1.2	0.0	0.0	0.0
<i>S. melanostomus</i>	0.0	0.0	1.2	0.0	0.0	0.0
<i>S. rufus</i>	0.0	0.0	1.2	0.0	0.0	0.0
<i>S. altivelis</i>	0.0	0.0	1.2	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0
Total mt Landed	1.9	161.2	1,179.6	2,302.4	1,018.3	587.9
Sampled mt	1.4	5.9	232.9	175.2	170.8	54.8

Appendix Table B-73. Species composition of category 433 (yellowtail rockfish) landings (mt) by PMFC area, 1985.

Species	PMFC AREA					
	1C*	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	0.1	0.2	0.0	0.1	1.4
<i>S. aurora</i>	--	0.0	0.1	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.1	1.5	0.0	0.1	0.0
<i>S. brevispinus</i>	--	0.0	0.1	2.3	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. cramerii</i>	--	0.1	0.6	0.0	0.1	0.1
<i>S. diploproa</i>	--	0.1	2.8	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.1	0.9	0.0	1.0	0.0
<i>S. entomelas</i>	--	0.5	10.5	0.2	4.8	3.1
<i>S. flavidus</i>	--	57.2	244.5	237.5	831.1	61.9
<i>S. helvomaculatus</i>	--	0.1	0.3	0.0	0.1	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.1	0.0
<i>S. paucispinus</i>	--	0.1	10.8	3.5	0.5	0.0
<i>S. pinniger</i>	--	0.5	18.9	12.2	6.9	0.0
<i>S. proriger</i>	--	0.1	0.3	1.7	0.0	0.0
<i>S. reedi</i>	--	0.1	0.1	0.3	0.0	0.0
<i>S. rubberimus</i>	--	0.1	0.9	1.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.1	0.0
<i>S. zacentrus</i>	--	0.1	1.3	0.0	0.8	0.0
<i>S. alascanus</i>	--	0.1	0.6	0.0	0.1	0.1
<i>S. chlorostictus</i>	--	0.0	0.1	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.1	0.0	0.0	0.6
<i>S. goodei</i>	--	0.0	0.1	0.0	0.0	0.0
<i>S. wilsoni</i>	--	0.0	0.1	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	4.1	59.4	294.8	258.7	845.8	67.2
Sampled mt	0.0	22.1	134.5	57.3	207.6	7.9

*PMFC area 1C not sampled.

Appendix Table B-74. Species composition of category 433 (yellowtail rockfish) landings (mt) by PMFC area, 1986.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.1	0.1	0.2	0.0	1.0	0.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.1	0.3	0.0	0.0	0.0
<i>S. brevispinus</i>	0.1	0.1	0.5	0.1	1.5	2.7
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.1	0.1	1.2	0.0	0.1	0.0
<i>S. diploproa</i>	0.0	0.1	3.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.1	0.1	1.3	0.0	0.0	0.0
<i>S. entomelas</i>	0.2	0.4	34.0	0.4	9.0	26.5
<i>S. flavidus</i>	2.6	9.9	182.1	58.0	918.8	229.9
<i>S. helvomaculatus</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.1	0.4	9.7	0.2	0.9	1.3
<i>S. pinniger</i>	0.1	0.3	11.7	2.3	4.0	3.2
<i>S. proriger</i>	0.0	0.0	0.1	0.1	0.5	0.1
<i>S. reedi</i>	0.1	0.1	0.3	0.0	0.3	0.0
<i>S. rubberimus</i>	0.1	0.1	1.1	0.2	0.5	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.1	0.1	1.5	0.0	0.4	0.0
<i>S. alascanus</i>	0.0	0.1	0.1	0.0	1.9	0.1
<i>S. chlorostictus</i>	0.1	0.1	0.5	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. jordani</i>	0.1	0.1	0.1	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0
Total mt Landed	3.9	12.2	247.9	61.3	938.9	263.8
Sampled mt	0.9	2.7	125.2	25.3	228.6	70.8

Appendix Table B-75. Species composition of category 433 (yellowtail rockfish) landings (mt) by PMFC area, 1987.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	0.1	0.1	1.0	0.1	0.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.1	0.2	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.1	0.8	0.1	18.4	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.1	0.8	0.6	0.8	0.0
<i>S. diploproa</i>	--	0.0	0.1	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.3	0.7	0.6	0.8	0.0
<i>S. entomelas</i>	--	0.1	0.8	2.0	15.5	0.2
<i>S. flavidus</i>	--	32.0	202.2	223.7	1,017.9	80.2
<i>S. helvomaculatus</i>	--	0.0	0.1	0.0	0.1	0.0
<i>S. melanops</i>	--	0.0	0.1	0.0	0.5	0.0
<i>S. paucispinus</i>	--	1.0	5.8	0.0	0.1	0.0
<i>S. pinniger</i>	--	11.6	13.7	2.3	8.9	0.2
<i>S. proriger</i>	--	0.1	0.4	0.3	0.1	0.0
<i>S. reedi</i>	--	0.1	0.1	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.2	0.7	0.2	0.4	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.1	0.2	0.1	3.2	0.0
<i>S. alascanus</i>	--	0.0	0.1	0.0	0.1	0.0
<i>S. chlorostictus</i>	--	0.4	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.1	0.1	0.0	0.1	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. wilsoni</i>	--	0.0	0.1	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	0.0	46.4	227.1	230.9	1,067.0	80.6
Sampled mt	0.0	3.9	83.5	44.5	268.9	5.2

Appendix Table B-76. Species composition of category 433 (yellowtail rockfish) landings (mt) by PMFC area, 1988.

Species	PMFC AREA					
	1C	2A*	2B	2C	3A	3B
<i>S. alutus</i>	0.0	--	0.0	0.1	0.4	0.0
<i>S. aurora</i>	0.0	--	0.1	0.0	0.1	0.0
<i>S. babcocki</i>	0.0	--	0.1	0.0	0.2	0.0
<i>S. brevispinus</i>	0.0	--	0.0	1.3	0.0	0.0
<i>S. borealis</i>	0.0	--	0.0	0.0	1.9	0.0
<i>S. crameri</i>	0.0	--	0.1	0.1	0.6	0.0
<i>S. diploproa</i>	0.0	--	0.1	0.1	0.8	0.0
<i>S. elongatus</i>	0.1	--	0.2	0.1	0.1	0.0
<i>S. entomelas</i>	0.1	--	1.7	2.6	20.5	0.0
<i>S. flavidus</i>	3.4	--	358.2	244.6	1,462.8	154.3
<i>S. helvomaculatus</i>	0.0	--	0.0	0.0	0.1	0.0
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	--	0.1	0.0	1.1	0.0
<i>S. pinniger</i>	0.3	--	2.2	1.8	4.2	0.0
<i>S. proriger</i>	0.0	--	0.1	0.1	0.5	0.0
<i>S. reedi</i>	0.0	--	0.0	0.7	0.3	0.0
<i>S. rubberimus</i>	0.0	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	--	0.1	0.3	0.7	0.0
<i>S. alascanus</i>	0.0	--	0.0	0.1	0.0	0.0
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	--	0.1	0.0	0.7	0.0
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0	0.0
<i>S. wilsoni</i>	0.0	--	0.1	0.0	0.0	0.0
Other	0.0	--	0.0	0.0	0.0	0.0
Total mt Landed	3.9	73.0	363.2	251.9	1,495.0	154.3
Sampled mt	1.9	0.0	104.4	78.5	145.9	9.1

*PMFC area 2A not sampled.

Appendix Table B-77. Species composition of category 433 (yellowtail rockfish) landings (mt) by PMFC area, 1989.

Species	PMFC AREA					
	1C*	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	0.0	0.0	0.5	0.0	0.0
<i>S. aurora</i>	--	0.0	0.2	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.4	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	1.0	2.6	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. cramerii</i>	--	0.0	0.0	1.6	0.0	0.0
<i>S. diploproa</i>	--	0.0	0.0	0.5	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.1	0.0	0.2	0.0
<i>S. entomelas</i>	--	0.0	11.1	5.1	13.3	0.3
<i>S. flavidus</i>	--	84.4	328.9	213.4	936.1	263.5
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	1.4	0.6	0.0	0.0
<i>S. pinniger</i>	--	0.0	10.9	7.0	8.1	0.0
<i>S. proriger</i>	--	0.0	0.2	0.1	0.3	0.0
<i>S. reedi</i>	--	0.0	0.2	0.2	0.0	0.0
<i>S. rubberimus</i>	--	0.0	7.3	0.0	1.8	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	1.0	0.0	0.2	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.6	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	1.3	84.4	363.3	231.6	960.0	263.8
Sampled mt	0.0	6.3	83.5	56.1	118.3	13.9

*PMFC area 1C not sampled.

Appendix Table B-78. Species composition of category 433 (yellowtail rockfish) landings (mt) by PMFC area, 1990.

Species	PMFC AREA					
	1C*	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	--	0.0	0.1	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	2.1	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.0	0.3	0.2	0.0
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.3	0.0
<i>S. entomelas</i>	--	0.4	1.0	0.1	8.5	0.0
<i>S. flavidus</i>	--	42.7	267.0	182.9	881.4	206.3
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.5	0.0	0.0	0.0
<i>S. pinniger</i>	--	40.8	26.1	0.0	4.2	0.0
<i>S. proriger</i>	--	0.0	0.0	0.0	0.6	0.0
<i>S. reedi</i>	--	0.0	0.0	0.1	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.1	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.2	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.2	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	0.4	83.9	295.0	183.4	897.5	206.3
Sampled mt	0.0	1.4	70.7	44.3	99.4	14.6

*PMFC area 1C not sampled.

Appendix Table B-79. Species composition of category 433 (yellowtail rockfish) landings (mt) by PMFC area, 1991.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	--	0.0	0.2	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.2	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.4	0.0	0.6	0.0
<i>S. diploproa</i>	--	0.0	0.2	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.6	0.0
<i>S. entomelas</i>	--	1.2	6.5	0.0	0.6	0.8
<i>S. flavidus</i>	--	5.1	216.4	39.9	594.0	398.9
<i>S. helvomaculatus</i>	--	0.0	0.2	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	2.4	0.0
<i>S. pinniger</i>	--	2.7	2.5	0.0	4.8	0.0
<i>S. proriger</i>	--	0.0	2.5	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.2	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.6	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.2	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.2	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.8	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.2	0.4	0.0	0.6	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. wilsoni</i>	--	0.0	0.2	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	1.3	9.2	231.7	39.9	603.6	399.7
Sampled mt	0.0	0.4	47.2	2.9	68.2	37.0

Appendix Table B-80. Species composition of category 433 (yellowtail rockfish) landings (mt) by PMFC area, 1992.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	1.1	0.9	0.0	0.0	0.0
<i>S. aurora</i>	--	0.2	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.1	0.9	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.9	0.0	1.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	2.1	1.8	0.0	0.0	0.0
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.1	0.9	0.0	0.0	0.0
<i>S. entomelas</i>	--	0.1	18.9	0.0	1.0	4.4
<i>S. flavidus</i>	--	18.6	794.6	1,107.0	994.3	541.3
<i>S. helvomaculatus</i>	--	0.1	0.9	0.0	0.0	0.0
<i>S. melanops</i>	--	0.1	0.0	0.0	1.0	0.0
<i>S. paucispinus</i>	--	0.2	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.8	37.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	1.8	3.3	1.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	2.1	1.8	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.3	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.1	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. rosaceus</i>	--	0.1	0.0	0.0	0.0	0.0
<i>S. maliger</i>	--	0.1	0.0	0.0	0.0	0.0
<i>S. mystinus</i>	--	0.1	0.0	0.0	0.0	0.0
<i>S. caurinus</i>	--	0.1	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	0.0	26.4	860.4	1,110.3	998.3	545.7
Sampled mt	0.0	25.8	173.3	54.1	81.5	26.6

Appendix Table B-81. Species composition of category 433 (yellowtail rockfish) landings (mt) by PMFC area, 1993.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	0.0	0.2	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.2	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.2	0.7	0.8	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.1	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	0.1	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.1	0.2	0.0	0.0	0.5
<i>S. entomelas</i>	0.6	4.1	12.3	3.4	3.4	28.0
<i>S. flavidus</i>	2.2	33.2	226.1	672.2	837.9	480.8
<i>S. helvomaculatus</i>	0.0	0.1	0.2	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.2	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.1	0.2	0.0	0.0	0.0
<i>S. pinniger</i>	0.1	3.9	5.4	0.0	0.8	0.5
<i>S. proriger</i>	0.0	0.1	0.4	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.2	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.1	0.2	0.0	0.0	0.5
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.4	0.2	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.1	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.1	0.2	0.0	0.0	0.0
<i>S. rosaceus</i>	0.0	0.1	0.0	0.0	0.0	0.0
<i>S. mystinus</i>	0.0	0.6	0.0	0.0	0.0	0.0
<i>S. ovalis</i>	0.0	0.0	0.2	0.0	0.0	0.0
<i>S. miniatus</i>	0.0	0.1	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0
Total mt Landed	2.9	43.9	246.0	676.3	842.9	510.3
Sampled mt	1.2	26.0	45.9	52.2	96.8	45.0

Appendix Table B-82. Species composition of category 406 (small rockfish) landings (mt) by PMFC area, 1984.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.1	1.9	11.0	22.6	4.1	1.0
<i>S. aurora</i>	0.0	0.2	1.0	0.3	0.1	0.0
<i>S. babcocki</i>	0.0	1.3	3.0	1.3	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.4	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	2.8	0.1	0.0
<i>S. crameri</i>	0.7	66.5	81.9	81.1	2.6	0.6
<i>S. diploproa</i>	0.4	16.9	13.5	31.5	0.4	0.0
<i>S. elongatus</i>	0.1	1.9	10.4	0.2	0.1	0.0
<i>S. entomelas</i>	0.0	0.0	0.6	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	0.0	0.4	0.0	0.2	0.1
<i>S. helvomaculatus</i>	0.0	1.4	1.2	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.6	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.3	0.2	0.0	0.0
<i>S. proriger</i>	0.0	0.0	73.4	7.8	0.0	0.0
<i>S. reedi</i>	0.0	0.0	4.0	24.1	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	1.1	0.0	0.0	0.0
<i>S. saxicola</i>	0.1	0.2	1.2	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.1	12.8	8.1	0.1	0.0
<i>S. alascanus</i>	0.0	0.0	0.7	0.8	0.1	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.2	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	1.1	3.0	0.3	0.1
<i>S. goodei</i>	0.0	0.0	0.7	0.0	0.0	0.0
<i>S. melanostomus</i>	0.0	0.0	1.0	0.1	0.0	0.1
<i>S. wilsoni</i>	0.0	0.1	1.3	0.0	0.0	0.0
<i>S. rufus</i>	0.0	0.0	0.0	1.9	0.1	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0
Total mt Landed	1.4	90.5	221.4	186.2	8.2	1.9
Sampled mt	0.9	46.3	52.0	90.5	4.4	1.4

Appendix Table B-83. Species composition of category 406 (small rockfish) landings (mt) by PMFC area, 1985.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.1	2.6	16.5	9.7	9.7	0.1
<i>S. aurora</i>	0.2	1.0	0.5	0.8	0.0	0.0
<i>S. babcocki</i>	0.1	1.0	1.7	2.7	0.4	0.0
<i>S. brevispinus</i>	0.0	0.0	0.2	5.5	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	5.0	0.0
<i>S. crameri</i>	1.1	18.2	94.9	139.6	31.9	0.8
<i>S. diploproa</i>	0.8	13.6	50.0	35.2	1.5	0.0
<i>S. elongatus</i>	0.2	2.2	6.6	0.5	1.2	0.0
<i>S. entomelas</i>	0.0	0.0	3.4	0.2	0.0	0.0
<i>S. flavidus</i>	0.0	0.0	1.8	0.5	0.1	0.0
<i>S. helvomaculatus</i>	0.0	0.5	15.9	0.1	0.2	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	8.1	5.4	0.7	0.0
<i>S. pinniger</i>	0.0	0.1	1.2	5.5	35.3	0.0
<i>S. proriger</i>	0.0	0.1	116.3	21.1	40.1	2.1
<i>S. reedi</i>	0.0	0.0	2.6	63.6	1.3	0.0
<i>S. rubberimus</i>	0.1	0.3	1.9	0.6	0.0	0.0
<i>S. saxicola</i>	0.1	1.0	0.9	0.0	0.4	0.0
<i>S. zacentrus</i>	0.0	0.7	32.8	24.1	64.6	0.4
<i>S. alascanus</i>	0.1	0.6	7.5	2.7	0.8	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.9	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.1	1.0	7.1	0.2	0.0
<i>S. goodei</i>	0.0	0.4	0.6	0.0	0.0	0.0
<i>S. melanostomus</i>	0.0	0.2	0.1	0.0	0.0	0.0
<i>S. wilsoni</i>	0.0	0.0	41.9	0.0	0.0	0.0
<i>S. rufus</i>	0.0	0.4	0.2	1.9	0.0	0.0
<i>S. jordani</i>	0.0	0.0	10.8	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0
Total mt Landed	2.8	43.0	418.3	326.8	193.4	3.4
Sampled mt	1.4	14.8	159.1	173.8	63.8	1.8

Appendix Table B-84. Species composition of category 406 (small rockfish) landings (mt) by PMFC area, 1986.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.1	0.4	5.9	14.0	2.3	0.0
<i>S. aurora</i>	0.0	0.0	0.9	1.3	0.0	0.0
<i>S. babcocki</i>	0.0	0.4	2.5	2.4	1.1	0.0
<i>S. brevispinus</i>	0.0	0.0	0.2	6.9	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.4	2.8	0.0	0.0
<i>S. crameri</i>	2.8	17.1	132.7	127.0	20.6	0.0
<i>S. diploproa</i>	0.6	1.5	15.5	50.2	0.9	0.0
<i>S. elongatus</i>	0.3	0.3	26.3	0.6	0.4	0.0
<i>S. entomelas</i>	0.0	0.0	13.0	0.9	0.2	0.0
<i>S. flavidus</i>	0.1	0.0	2.2	2.9	0.0	0.0
<i>S. helvomaculatus</i>	0.1	0.0	5.8	0.8	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.1	0.1	3.5	4.4	0.0	0.0
<i>S. pinniger</i>	0.1	0.1	0.5	3.0	0.0	0.0
<i>S. proriger</i>	0.4	0.1	73.5	37.6	50.2	5.3
<i>S. reedi</i>	0.0	0.0	1.9	107.1	2.3	0.3
<i>S. rubberimus</i>	0.0	0.0	0.3	1.1	0.0	0.0
<i>S. saxicola</i>	0.1	0.0	0.3	0.0	0.0	0.0
<i>S. zacentrus</i>	0.7	0.2	38.8	10.3	62.7	1.5
<i>S. alascanus</i>	0.4	0.1	4.2	0.6	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	0.0	1.9	13.8	0.3	0.0
<i>S. goodei</i>	0.1	0.0	0.3	0.0	0.0	0.0
<i>S. wilsoni</i>	0.0	0.0	0.3	0.0	0.0	0.0
<i>S. rufus</i>	0.0	0.0	0.0	1.1	0.0	0.0
<i>S. jordani</i>	0.0	0.0	25.2	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.2	0.0
Total mt Landed	6.0	20.3	356.2	388.8	141.2	7.1
Sampled mt	2.3	18.9	82.4	214.3	45.3	3.0

Appendix Table B-85. Species composition of category 406 (small rockfish) landings (mt) by PMFC area, 1987.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.0	1.4	1.4	32.3	1.0	0.0
<i>S. aurora</i>	0.0	0.5	0.1	2.8	0.0	0.0
<i>S. babcocki</i>	0.0	0.1	0.6	3.8	0.6	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	24.7	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	1.6	0.0	0.0
<i>S. crameri</i>	0.0	6.6	17.5	213.1	6.7	0.4
<i>S. diploproa</i>	0.3	6.3	11.3	28.9	2.6	0.1
<i>S. elongatus</i>	0.0	1.0	33.6	16.4	0.0	0.0
<i>S. entomelas</i>	0.0	0.0	1.0	3.9	0.1	0.0
<i>S. flavidus</i>	0.0	0.0	0.1	2.7	0.0	0.0
<i>S. helvomaculatus</i>	0.0	0.2	2.7	0.3	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.6	0.5	9.5	0.8	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	9.2	0.9	0.1
<i>S. proriger</i>	0.0	4.7	100.6	12.6	75.2	4.1
<i>S. reedi</i>	0.0	0.0	0.4	105.0	7.1	0.2
<i>S. rubberimus</i>	0.0	0.0	0.1	0.9	0.0	0.0
<i>S. saxicola</i>	0.0	0.2	0.0	0.0	0.2	0.0
<i>S. zacentrus</i>	0.0	1.8	26.0	20.2	28.1	1.6
<i>S. alascanus</i>	0.0	0.8	0.7	9.8	0.3	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.2	0.1	0.0	0.0
<i>S. aleutianus</i>	0.0	0.4	0.3	8.2	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>S. wilsoni</i>	0.0	0.0	0.4	0.1	0.0	0.0
<i>S. rufus</i>	0.0	0.0	0.0	4.2	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0
Total mt Landed	0.3	24.6	197.5	510.4	123.6	6.5
Sampled mt	0.3	4.1	43.1	193.5	42.3	1.4

Appendix Table B-86. Species composition of category 406 (small rockfish) landings (mt) by PMFC area, 1988.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B*
<i>S. alutus</i>	0.0	3.5	10.6	23.7	7.9	--
<i>S. aurora</i>	0.0	0.5	0.2	3.8	0.2	--
<i>S. babcocki</i>	0.0	0.1	3.2	2.7	0.0	--
<i>S. brevispinus</i>	0.0	0.0	0.0	13.2	0.0	--
<i>S. borealis</i>	0.0	0.0	0.0	4.5	0.0	--
<i>S. crameri</i>	0.0	3.7	25.9	199.8	13.8	--
<i>S. diploproa</i>	0.0	10.5	19.1	35.5	0.6	--
<i>S. elongatus</i>	0.0	37.2	26.2	2.5	2.6	--
<i>S. entomelas</i>	0.0	0.2	3.2	5.0	0.0	--
<i>S. flavidus</i>	0.0	0.0	0.0	5.3	0.0	--
<i>S. helvomaculatus</i>	0.0	4.1	2.9	0.4	0.3	--
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. paucispinus</i>	0.0	0.0	2.6	2.9	0.2	--
<i>S. pinniger</i>	0.0	0.0	3.0	13.5	1.0	--
<i>S. proriger</i>	0.0	0.4	140.9	20.7	38.5	--
<i>S. reedi</i>	0.0	0.0	1.8	214.6	3.2	--
<i>S. rubberimus</i>	0.0	0.2	0.9	4.3	0.0	--
<i>S. saxicola</i>	0.0	0.0	0.4	0.0	0.0	--
<i>S. zacentrus</i>	0.0	2.7	29.1	0.0	25.1	--
<i>S. alascanus</i>	0.0	0.1	1.6	30.8	0.0	--
<i>S. chlorostictus</i>	0.0	0.0	0.0	1.1	0.0	--
<i>S. aleutianus</i>	0.0	0.0	1.2	12.1	0.3	--
<i>S. goodei</i>	10.4	0.6	0.0	0.0	0.0	--
<i>S. rufus</i>	0.0	0.0	0.0	1.8	0.0	--
Other	0.0	0.0	0.0	0.0	0.0	--
Total mt Landed	10.4	63.8	272.8	598.2	93.7	0.4
Sampled mt	2.0	3.4	22.1	257.5	13.8	0.0

*PMFC area 3B not sampled.

Appendix Table B-87. Species composition of category 406 (small rockfish) landings (mt) by PMFC area, 1989.

Species	PMFC AREA					
	1C*	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	1.0	43.0	38.6	7.2	0.9
<i>S. aurora</i>	--	0.0	4.5	6.1	1.2	0.1
<i>S. babcocki</i>	--	2.9	2.8	8.0	0.5	0.1
<i>S. brevispinus</i>	--	0.0	0.0	22.1	3.6	0.0
<i>S. borealis</i>	--	0.0	0.0	8.4	1.8	0.0
<i>S. crameri</i>	--	12.7	43.0	198.8	8.6	1.5
<i>S. diploproa</i>	--	4.5	22.2	46.0	8.2	0.9
<i>S. elongatus</i>	--	33.0	33.2	10.2	14.1	0.8
<i>S. entomelas</i>	--	0.5	2.3	11.8	1.0	0.1
<i>S. flavidus</i>	--	0.4	0.0	1.5	0.5	0.0
<i>S. helvomaculatus</i>	--	0.8	2.2	0.2	0.6	0.1
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	1.8	1.2	13.1	1.0	0.0
<i>S. pinniger</i>	--	0.0	0.3	10.3	7.0	0.2
<i>S. proriger</i>	--	0.1	37.2	59.0	28.1	17.0
<i>S. reedi</i>	--	0.0	18.1	117.4	23.2	0.0
<i>S. rubberimus</i>	--	0.0	1.9	3.5	5.8	0.5
<i>S. saxicola</i>	--	0.0	0.3	0.0	0.0	0.0
<i>S. zacentrus</i>	--	2.2	29.8	60.0	55.5	3.0
<i>S. alascanus</i>	--	0.0	0.4	0.5	1.6	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	1.4	17.6	0.0	0.0
<i>S. goodei</i>	--	0.0	1.0	0.0	0.0	0.0
<i>S. wilsoni</i>	--	0.0	0.1	0.0	0.0	0.0
<i>S. rufus</i>	--	0.0	0.4	5.6	0.0	0.0
<i>S. jordani</i>	--	0.0	1.8	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	0.8	59.9	247.1	638.7	169.5	25.2
Sampled mt	0.0	2.2	23.2	125.0	26.3	4.7

*PMFC area 1C not sampled.

Appendix Table B-88. Species composition of category 406 (small rockfish) landings (mt) by PMFC area, 1990.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	0.8	7.3	30.8	9.4	1.2
<i>S. aurora</i>	--	0.0	0.4	4.7	2.8	0.3
<i>S. babcocki</i>	--	0.4	3.1	5.8	0.1	0.4
<i>S. brevispinus</i>	--	0.0	0.0	14.3	0.1	0.0
<i>S. borealis</i>	--	0.0	0.0	3.7	0.2	0.0
<i>S. crameri</i>	--	0.8	26.3	480.3	10.8	5.2
<i>S. diploproa</i>	--	14.5	12.0	26.4	7.4	0.0
<i>S. elongatus</i>	--	5.5	13.8	7.9	4.7	0.0
<i>S. entomelas</i>	--	3.0	1.4	2.2	1.6	0.0
<i>S. flavidus</i>	--	0.0	0.1	5.6	0.0	0.0
<i>S. helvomaculatus</i>	--	0.9	0.7	0.4	0.4	0.1
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.1	18.8	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.3	45.7	2.4	0.0
<i>S. proriger</i>	--	1.5	72.0	59.9	52.2	0.0
<i>S. reedi</i>	--	0.0	31.7	158.6	5.7	0.0
<i>S. rubberimus</i>	--	0.0	0.1	23.6	0.1	0.0
<i>S. saxicola</i>	--	0.0	0.1	0.0	0.0	0.0
<i>S. zacentrus</i>	--	14.2	4.9	24.4	16.9	0.0
<i>S. alascanus</i>	--	0.0	0.2	1.0	0.1	0.2
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.5	21.7	0.2	0.0
<i>S. goodei</i>	--	0.0	0.9	0.0	0.0	0.0
<i>S. melanostomus</i>	--	0.0	0.1	0.5	0.1	0.0
<i>S. rufus</i>	--	0.0	0.3	3.4	0.0	0.0
Other	--	0.0	0.1	0.0	0.0	0.0
Total mt Landed	0.0	41.6	176.4	939.7	115.2	7.4
Sampled mt	0.0	0.7	31.0	292.2	22.7	0.2

Appendix Table B-89. Species composition of category 406 (small rockfish) landings (mt) by PMFC area, 1991.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	0.3	15.3	48.8	2.1	2.1
<i>S. aurora</i>	--	0.6	0.8	60.0	1.0	0.1
<i>S. babcocki</i>	--	0.4	2.8	1.0	0.1	0.5
<i>S. brevispinus</i>	--	0.0	0.4	0.0	0.1	0.7
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	4.2	60.1	246.4	9.5	1.8
<i>S. diploproa</i>	--	2.0	23.8	43.7	0.2	1.6
<i>S. elongatus</i>	--	4.7	21.0	50.9	3.5	2.8
<i>S. entomelas</i>	--	0.1	0.4	2.0	0.0	0.4
<i>S. flavidus</i>	--	0.0	0.8	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.7	2.4	2.0	0.2	0.1
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.8	3.0	0.0	0.1
<i>S. pinniger</i>	--	0.2	2.4	11.2	0.6	0.9
<i>S. proriger</i>	--	0.4	89.2	202.5	27.7	5.1
<i>S. reedi</i>	--	0.0	89.4	235.0	1.8	19.9
<i>S. rubberimus</i>	--	0.0	0.8	0.0	0.0	0.4
<i>S. saxicola</i>	--	0.5	1.6	0.0	0.0	0.0
<i>S. zacentrus</i>	--	1.5	82.7	109.9	13.0	10.3
<i>S. alascanus</i>	--	0.0	0.4	0.0	0.1	0.0
<i>S. chlorostictus</i>	--	0.6	0.8	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.6	1.2	0.0	0.2	0.0
<i>S. goodei</i>	--	0.1	1.6	0.0	0.0	0.0
<i>S. melanostomus</i>	--	0.0	0.4	0.0	0.1	0.0
<i>S. wilsoni</i>	--	0.0	1.2	0.0	0.0	0.0
<i>S. rufus</i>	--	0.0	0.4	0.0	0.0	0.0
<i>S. jordani</i>	--	0.0	2.0	1.0	0.0	0.0
<i>S. altivelis</i>	--	0.0	0.4	0.0	0.0	0.0
<i>S. rosaceus</i>	--	0.0	0.4	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	2.1	16.9	403.5	1,017.4	60.2	46.8
Sampled mt	0.0	2.6	93.6	4.2	8.4	3.4

Appendix Table B-90. Species composition of category 406 (small rockfish) landings (mt) by PMFC area, 1992.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	2.4	12.1	23.2	1.7	0.4
<i>S. aurora</i>	--	2.1	0.8	3.2	0.1	0.0
<i>S. babcocki</i>	--	0.7	2.0	0.5	0.2	0.6
<i>S. brevispinus</i>	--	0.0	0.3	1.6	0.1	0.0
<i>S. borealis</i>	--	0.0	0.0	22.1	0.0	0.0
<i>S. crameri</i>	--	1.9	95.5	85.2	4.8	3.0
<i>S. diploproa</i>	--	1.8	7.9	51.2	0.6	0.6
<i>S. elongatus</i>	--	2.4	28.4	16.7	1.7	3.1
<i>S. entomelas</i>	--	0.2	0.6	1.0	0.1	0.0
<i>S. flavidus</i>	--	0.1	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.2	4.2	5.9	0.1	0.2
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.3	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.2	0.6	0.0	0.1	1.6
<i>S. proriger</i>	--	0.2	57.0	148.8	1.8	5.1
<i>S. reedi</i>	--	0.0	2.2	91.7	10.5	1.2
<i>S. rubberimus</i>	--	0.1	0.8	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.5	1.1	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.8	54.9	52.8	4.2	2.2
<i>S. alascanus</i>	--	0.1	0.3	3.2	0.1	0.0
<i>S. chlorostictus</i>	--	0.6	0.6	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.1	2.0	24.8	0.1	0.8
<i>S. goodei</i>	--	0.0	3.1	0.0	0.0	0.0
<i>S. melanostomus</i>	--	0.0	0.3	2.7	0.0	0.0
<i>S. wilsoni</i>	--	0.0	0.8	1.0	0.0	0.0
<i>S. rufus</i>	--	0.1	1.1	1.0	0.0	0.0
<i>S. jordani</i>	--	0.0	3.4	0.0	0.1	0.0
<i>S. altivelis</i>	--	0.0	0.3	2.7	0.0	0.0
<i>S. rosaceus</i>	--	0.5	0.0	0.0	0.0	0.0
<i>S. ovalis</i>	--	0.0	0.3	0.0	0.0	0.0
Total mt Landed	0.6	15.0	280.9	539.3	26.3	18.8
Sampled mt	0.0	1.2	43.7	20.1	7.5	1.7

Appendix Table B-91. Species composition of category 406 (small rockfish) landings (mt) by PMFC area, 1993.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.2	3.2	20.9	15.9	1.6	2.2
<i>S. aurora</i>	0.1	1.6	0.9	10.2	0.3	0.2
<i>S. babcocki</i>	0.1	0.2	3.5	2.3	0.5	1.3
<i>S. brevispinus</i>	0.0	0.0	0.0	11.4	0.0	0.2
<i>S. borealis</i>	0.0	0.0	0.0	1.1	0.0	0.0
<i>S. crameri</i>	0.2	4.8	115.8	469.1	16.9	10.8
<i>S. diploproa</i>	0.0	1.1	22.6	38.7	1.6	0.7
<i>S. elongatus</i>	0.3	18.9	34.0	4.6	20.4	8.2
<i>S. entomelas</i>	0.0	0.3	0.4	0.0	0.8	0.1
<i>S. flavidus</i>	0.0	0.3	0.4	0.0	0.3	0.2
<i>S. helvomaculatus</i>	0.0	0.9	7.8	1.1	2.7	0.6
<i>S. melanops</i>	0.0	0.0	0.0	12.5	0.0	0.1
<i>S. paucispinus</i>	0.0	0.0	0.4	6.8	0.0	0.0
<i>S. pinniger</i>	0.0	0.2	10.5	60.4	0.8	3.5
<i>S. proriger</i>	0.0	1.3	54.0	52.4	117.4	26.5
<i>S. reedi</i>	0.0	0.4	23.1	360.2	1.1	3.9
<i>S. rubberimus</i>	0.0	0.7	3.0	4.6	0.3	0.1
<i>S. saxicola</i>	0.1	0.1	2.6	1.1	0.3	0.0
<i>S. zacentrus</i>	0.0	6.6	123.5	28.5	101.3	21.4
<i>S. alascanus</i>	0.0	0.1	0.9	1.1	0.3	0.1
<i>S. chlorostictus</i>	0.0	2.6	2.6	0.0	0.0	0.1
<i>S. aleutianus</i>	0.0	0.0	1.3	51.2	0.8	1.5
<i>S. goodei</i>	0.0	1.1	2.2	1.1	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.0	0.0	0.0	0.0	0.1
<i>S. melanostomus</i>	0.0	0.1	0.4	1.1	0.0	0.0
<i>S. wilsoni</i>	0.0	0.1	0.9	1.1	0.3	0.0
<i>S. rufus</i>	0.0	0.0	0.4	0.0	0.0	0.0
<i>S. jordani</i>	0.0	0.1	2.2	1.1	4.6	0.1
<i>S. altivelis</i>	0.0	0.0	0.4	1.1	0.0	0.0
<i>S. rosaceus</i>	0.0	1.1	0.4	0.0	0.0	0.0
<i>S. mystinus</i>	0.0	0.1	0.0	0.0	0.0	0.1
<i>S. caurinus</i>	0.0	0.1	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.4	0.0	0.0	0.0
Total mt Landed	1.0	46.0	435.5	1,138.7	272.3	82.0
Sampled mt	1.0	16.0	72.0	176.0	97.0	22.5

Appendix Table B-92. Species composition of category 468 (thornyhead rockfish) landings (mt) by PMFC area, 1984.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.0	1.5	0.0	0.0	1.0	0.1
<i>S. aurora</i>	0.0	0.8	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.4	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	4.3	0.0	0.0	0.8	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.9	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.1	0.1
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	0.0	0.0	0.0	0.8	0.0
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.0	0.4	0.0
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.1	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	1.9	40.3	434.6	108.0	38.9	5.8
<i>S. altivelis</i>	0.4	43.9	50.1	22.5	51.2	26.3
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.9	0.0	1.4	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0
Total mt Landed	2.3	90.8	485.6	130.5	96.0	32.3
Sampled mt	1.4	8.7	10.9	11.0	7.1	1.4

Appendix Table B-93. Species composition of category 468 (thornyhead rockfish) landings (mt) by PMFC area, 1985.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.0	0.0	0.1	0.0	1.6	6.9
<i>S. aurora</i>	0.0	0.0	0.4	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.1	0.0	1.2	0.1
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0	0.3
<i>S. crameri</i>	0.0	0.0	0.1	0.0	0.2	0.1
<i>S. diploproa</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	0.0	0.0	0.0	0.2	0.1
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.2	0.1
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.4	0.1
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.5	0.1
<i>S. alascanus</i>	7.1	162.4	366.1	230.5	87.3	56.3
<i>S. altivelis</i>	1.2	28.2	154.8	2.0	1.5	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.1	0.1	0.0	0.4	0.2
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0
Total mt Landed	8.3	190.7	521.8	232.5	93.5	64.3
Sampled mt	0.9	9.4	54.5	17.2	14.5	20.2

Appendix Table B-94. Species composition of category 468 (thornyhead rockfish) landings (mt) by PMFC area, 1986.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.1	0.1	0.1	0.7	0.0	0.0
<i>S. aurora</i>	0.1	0.1	0.2	0.1	0.1	0.1
<i>S. babcocki</i>	0.1	0.1	0.1	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. cramerii</i>	0.0	0.0	0.1	0.1	0.1	0.1
<i>S. diploproa</i>	0.0	0.1	0.1	1.2	0.0	0.0
<i>S. elongatus</i>	0.0	0.1	0.1	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	0.0	0.1	0.3	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.6	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.1	0.0	0.4	0.0	0.0
<i>S. alascanus</i>	6.8	43.4	195.4	167.0	89.3	53.4
<i>S. altivelis</i>	3.6	59.2	42.7	0.3	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.1	0.1	0.6	1.0	0.3
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. wilsoni</i>	0.0	0.0	0.1	0.0	0.0	0.0
Other	0.0	0.0	0.1	0.0	0.0	0.0
Total mt Landed	10.7	103.3	239.3	171.3	90.5	53.9
Sampled mt	1.4	6.4	30.1	34.7	9.5	7.6

Appendix Table B-95. Species composition of category 468 (thornyhead rockfish) landings (mt) by PMFC area, 1987.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.0	0.0	0.1	1.4	0.0	0.2
<i>S. aurora</i>	0.0	0.1	0.1	2.2	0.0	0.6
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0	6.4
<i>S. crameri</i>	0.0	0.1	1.0	0.3	0.0	0.0
<i>S. diploproa</i>	0.0	0.1	0.1	0.4	0.0	0.0
<i>S. elongatus</i>	0.0	0.1	0.2	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.1	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.1	0.0	0.0	0.1
<i>S. alascanus</i>	0.4	73.4	182.0	174.1	79.7	43.0
<i>S. altivelis</i>	0.0	26.3	109.4	1.1	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.1	0.0	0.0	0.4
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0
Total mt Landed	0.4	100.1	293.2	179.6	79.7	50.7
Sampled mt	0.4	7.8	46.7	22.2	5.1	3.3

Appendix Table B-96. Species composition of category 468 (thornyhead rockfish) landings (mt) by PMFC area, 1988.

Species	PMFC AREA					
	1C*	2A	2B	2C	3A	3B
S. alutus	--	0.0	0.0	0.1	0.0	0.0
S. aurora	--	0.1	0.1	0.0	0.0	0.0
S. babcocki	--	0.0	0.0	0.0	0.0	0.0
S. brevispinus	--	0.0	0.0	0.0	0.0	0.0
S. borealis	--	1.6	0.0	0.0	0.0	0.0
S. crameri	--	0.1	0.1	0.1	0.3	0.0
S. diploproa	--	0.1	0.0	0.3	0.0	0.0
S. elongatus	--	0.0	0.4	0.0	0.1	0.0
S. entomelas	--	0.0	0.0	0.0	0.0	0.0
S. flavidus	--	0.0	0.0	0.0	0.0	0.0
S. helvomaculatus	--	0.0	0.0	0.0	0.0	0.0
S. melanops	--	0.0	0.0	0.0	0.0	0.0
S. paucispinus	--	0.0	0.0	0.0	0.0	0.0
S. pinniger	--	0.0	0.0	0.0	0.0	0.0
S. proriger	--	0.0	0.0	0.0	0.0	0.0
S. reedi	--	0.0	0.0	0.0	0.0	0.0
S. rubberimus	--	0.0	0.0	0.0	0.0	0.0
S. saxicola	--	0.0	0.0	0.0	0.0	0.0
S. zacentrus	--	0.1	0.0	0.0	0.0	0.1
S. alascanus	--	140.7	190.1	177.4	174.0	57.8
S. altivelis	--	84.0	143.1	0.4	0.0	0.0
S. chlorostictus	--	0.0	0.0	0.0	0.0	0.0
S. aleutianus	--	0.0	0.0	0.0	1.2	0.0
S. goodei	--	0.0	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	73.8	226.7	333.8	178.3	175.6	57.9
Sampled mt	0.0	10.0	32.3	13.0	11.9	3.6

*PMFC area 1C not sampled.

Appendix Table B-97. Species composition of category 468 (thornyhead rockfish) landings (mt) by PMFC area, 1989.

Species	PMFC AREA					
	1C*	2A	2B	2C	3A	3B
<i>S. alutus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.8	0.0
<i>S. alascanus</i>	--	327.9	459.3	399.5	244.7	128.1
<i>S. altivelis</i>	--	231.1	616.6	23.4	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.8	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	107.2	559.0	1,075.9	422.9	246.3	128.1
Sampled mt	0.0	45.8	97.9	26.6	6.9	2.0

*PMFC area 1C not sampled.

Appendix Table B-98. Species composition of category 468 (thornyhead rockfish) landings (mt) by PMFC area, 1990.

Species	PMFC AREA					
	1C*	2A	2B	2C	3A	3B
S. alutus	--	0.0	0.0	0.0	0.0	0.7
S. aurora	--	0.0	0.0	0.0	0.1	0.0
S. babcocki	--	0.0	0.0	0.0	0.0	0.0
S. brevispinus	--	0.0	0.0	0.0	0.0	0.0
S. borealis	--	0.0	0.0	0.0	0.0	0.0
S. crameri	--	0.0	0.0	0.0	0.0	0.0
S. diploproa	--	0.0	0.0	0.0	0.0	0.0
S. elongatus	--	0.0	0.0	0.0	0.0	0.0
S. entomelas	--	0.0	0.0	0.0	0.0	0.0
S. flavidus	--	0.0	0.0	0.0	0.0	0.0
S. helvomaculatus	--	0.0	0.0	0.0	0.3	0.0
S. melanops	--	0.0	0.0	0.0	0.0	0.0
S. paucispinus	--	0.0	0.0	0.0	0.0	0.0
S. pinniger	--	0.0	0.0	0.0	0.0	0.0
S. proriger	--	0.0	0.0	0.0	0.0	0.0
S. reedi	--	0.0	0.0	0.0	0.0	0.0
S. rubberimus	--	0.0	0.0	0.0	0.0	0.0
S. saxicola	--	0.0	0.0	0.0	0.0	0.0
S. zacentrus	--	0.0	0.0	0.0	0.8	0.0
S. alascanus	--	242.3	653.5	334.6	231.7	144.8
S. altivelis	--	456.8	1,320.2	845.2	30.2	0.9
S. chlorostictus	--	0.0	0.0	0.0	0.0	0.0
S. aleutianus	--	0.0	0.0	0.0	0.5	0.0
S. goodei	--	0.0	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0	0.0
Total mt Landed	265.2	699.1	1,973.7	1,179.8	262.8	146.4
Sampled mt	0.0	28.8	247.7	125.0	20.9	9.1

*PMFC area 1C not sampled.

Appendix Table B-99. Species composition of category 468 (thornyhead rockfish) landings (mt) by PMFC area, 1991.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.3	0.3
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	1.1	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.3	0.0
<i>S. diploproa</i>	0.0	0.0	1.5	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	0.0	0.0	0.0	0.6	0.0
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0	0.3
<i>S. alascanus</i>	33.0	130.0	852.6	590.0	215.4	291.9
<i>S. altivelis</i>	3.7	87.0	693.4	487.4	85.9	21.4
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0
Total mt Landed	36.7	217.0	1,547.5	1,078.5	302.5	313.9
Sampled mt	2.5	19.3	107.6	23.3	47.0	27.5

Appendix Table B-100. Species composition of category 468 (thornyhead rockfish) landings (mt) by PMFC area, 1992.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.0	0.0	0.1	0.0	0.1	0.0
<i>S. aurora</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0	0.1
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.1	0.0
<i>S. diploproa</i>	0.0	0.0	0.1	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.4	85.3	628.0	459.6	265.6	258.3
<i>S. altivelis</i>	12.5	155.3	1,121.9	673.9	293.7	319.9
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.1	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0
Total mt Landed	12.9	240.6	1,750.2	1,133.5	559.6	578.3
Sampled mt	8.1	82.9	209.8	27.4	118.3	121.6

Appendix Table B-101. Species composition of category 468 (thornyhead rockfish) landings (mt) by PMFC area, 1993.

Species	PMFC AREA					
	1C	2A	2B	2C	3A	3B
<i>S. alutus</i>	0.0	0.2	0.0	0.0	0.6	--
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.6	--
<i>S. diploproa</i>	0.0	0.0	1.7	1.0	0.0	--
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. flavidus</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. pinniger</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. zacentrus</i>	0.0	0.2	1.7	0.0	0.0	--
<i>S. alascanus</i>	5.1	74.4	430.1	559.2	193.5	--
<i>S. altivelis</i>	4.4	160.0	1,294.0	410.6	410.0	--
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0	--
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0	--
Other	0.0	0.0	0.0	0.0	0.0	--
Total mt Landed	9.5	234.8	1,727.5	970.8	604.7	888.4
Sampled mt	2.1	56.6	90.2	15.3	98.3	0.0

APPENDIX C

Tables of Oregon Landings by Depth Strata, Species Category,
PMFC Area, and Species

Appendix Table C-1. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2A, 1971.
 fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	2.5	2.5
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.5	0.5
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	8.0	8.0
<i>S. diploproa</i>	--	--	--	2.2	2.2
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.1	0.1
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.2	0.2
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	0.1	0.1
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	13.6	13.6

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-2. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2A, 1973.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.1	0.1
<i>S. aurora</i>	--	--	--	0.1	0.1
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.1	0.1
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.1	0.1
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	1.9	1.9
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	2.3	2.3

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-3. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2A, 1981.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.1	0.1
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.1	0.1
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.2	0.2
<i>S. diploproa</i>	--	--	--	1.1	1.1
<i>S. elongatus</i>	--	--	--	0.1	0.1
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	0.1	0.1
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.1	0.1
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	1.8	1.8

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-4. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2A, 1982.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	2.1	2.1
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.5	0.5
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.3	0.3
<i>S. crameri</i>	--	--	--	28.2	28.2
<i>S. diploproa</i>	--	--	--	1.1	1.1
<i>S. elongatus</i>	--	--	--	0.1	0.1
<i>S. entomelas</i>	--	--	--	0.1	0.1
<i>S. flavidus</i>	--	--	--	0.1	0.1
<i>S. helvomaculatus</i>	--	--	--	0.1	0.1
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.3	0.3
<i>S. pinniger</i>	--	--	--	0.1	0.1
<i>S. proriger</i>	--	--	--	0.1	0.1
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.1	0.1
<i>S. zacentrus</i>	--	--	--	0.1	0.1
<i>S. alascanus</i>	--	--	--	0.1	0.1
<i>S. chlorostictus</i>	--	--	--	0.1	0.1
<i>S. aleutianus</i>	--	--	--	0.1	0.1
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.1	0.1
Total mt Landed	--	--	--	33.7	33.7

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-5. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2A, 1983.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.0	1.2	1.2
<i>S. aurora</i>	0.0	0.0	0.0	0.2	0.2
<i>S. babcocki</i>	0.0	0.0	0.1	1.2	1.3
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.1	0.1
<i>S. crameri</i>	0.0	0.0	0.2	8.8	9.0
<i>S. diploproa</i>	0.0	0.0	0.6	2.0	2.6
<i>S. elongatus</i>	0.0	0.0	0.0	0.3	0.3
<i>S. entomelas</i>	0.0	0.0	0.0	0.1	0.1
<i>S. flavidus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	1.0	1.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.1	0.1
<i>S. proriger</i>	0.0	0.0	0.0	0.1	0.1
<i>S. reedi</i>	0.0	0.0	0.0	0.1	0.1
<i>S. rubberimus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. saxicola</i>	0.0	0.0	0.4	0.2	0.6
<i>S. zacentrus</i>	0.0	0.0	0.3	0.2	0.5
<i>S. alascanus</i>	0.0	0.0	0.0	0.2	0.2
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. aleutianus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. goodei</i>	0.0	0.0	0.0	0.1	0.1
Other	0.0	0.0	0.0	0.2	0.2
Total mt Landed	0.0	0.0	1.6	16.3	17.9

Appendix Table C-6. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2A, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	7.6	0.0	0.0	5.9	13.5
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.1	0.0	0.0	0.0	0.1
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. cramerii</i>	0.1	0.0	0.0	0.0	0.1
<i>S. diploproa</i>	0.1	0.0	0.0	0.0	0.1
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.1	0.0	0.0	0.0	0.1
<i>S. zacentrus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. alascanus</i>	0.2	0.0	0.0	0.0	0.2
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	8.3	0.0	0.0	5.9	14.2

Appendix Table C-7. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2A, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	24.1	24.1
<i>S. aurora</i>	--	--	--	0.1	0.1
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. cramerii</i>	--	--	--	0.6	0.6
<i>S. diploproa</i>	--	--	--	0.7	0.7
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.1	0.1
<i>S. reedi</i>	--	--	--	0.1	0.1
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.1	0.1
<i>S. alascanus</i>	--	--	--	0.1	0.1
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.1	0.1
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.1	0.1
Total mt Landed	--	--	--	26.1	26.1

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-8. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2A, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120	
<i>S. alutus</i>	--	0.3	--	0.1	0.4
<i>S. aurora</i>	--	0.1	--	0.0	0.1
<i>S. babcocki</i>	--	0.1	--	0.0	0.1
<i>S. brevispinus</i>	--	0.0	--	0.0	0.0
<i>S. borealis</i>	--	0.0	--	0.0	0.0
<i>S. crameri</i>	--	0.0	--	0.0	0.0
<i>S. diploproa</i>	--	0.0	--	0.0	0.0
<i>S. elongatus</i>	--	0.0	--	0.0	0.0
<i>S. entomelas</i>	--	0.0	--	0.0	0.0
<i>S. flavidus</i>	--	0.0	--	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	--	0.0	0.0
<i>S. melanops</i>	--	0.0	--	0.0	0.0
<i>S. paucispinus</i>	--	0.0	--	0.0	0.0
<i>S. pinniger</i>	--	0.0	--	0.0	0.0
<i>S. proriger</i>	--	0.0	--	0.0	0.0
<i>S. reedi</i>	--	0.0	--	0.0	0.0
<i>S. rubberimus</i>	--	0.0	--	0.0	0.0
<i>S. saxicola</i>	--	0.0	--	0.0	0.0
<i>S. zacentrus</i>	--	0.2	--	0.0	0.2
<i>S. alascanus</i>	--	0.0	--	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	--	0.0	0.0
<i>S. aleutianus</i>	--	0.0	--	0.0	0.0
<i>S. goodei</i>	--	0.0	--	0.0	0.0
Other	--	0.0	--	0.0	0.0
Total mt Landed	--	0.7	--	0.1	0.8

*Depth strata <50 & 81-120 not sampled.

Appendix Table C-9. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1963.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	359.4	359.4
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	40.5	40.5
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	7.6	7.6
<i>S. helvômaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	5.5	5.5
<i>S. pinniger</i>	--	--	--	3.8	3.8
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	3.8	3.8
<i>S. alascanus</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	1.7	1.7
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	422.3	422.3

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-10. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1964.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	1,090.8	1,090.8
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	22.7	22.7
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	22.7	22.7
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	1,136.2	1,136.2

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-11. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1965.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	816.2	816.2
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	26.6	26.6
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	16.9	16.9
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	8.9	8.9
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	13.3	13.3
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	5.3	5.3
<i>S. alascanus</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	887.2	887.2

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-12. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1966.
 fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	112.6	112.6
<i>S. aurora</i>	--	--	--	0	0
<i>S. babcocki</i>	--	--	--	0	0
<i>S. brevispinus</i>	--	--	--	0	0
<i>S. borealis</i>	--	--	--	0	0
<i>S. crameri</i>	--	--	--	77.9	77.9
<i>S. diploproa</i>	--	--	--	0	0
<i>S. elongatus</i>	--	--	--	0	0
<i>S. entomelas</i>	--	--	--	0	0
<i>S. flavidus</i>	--	--	--	0	0
<i>S. helvomaculatus</i>	--	--	--	0	0
<i>S. melanops</i>	--	--	--	0	0
<i>S. paucispinus</i>	--	--	--	0	0
<i>S. pinniger</i>	--	--	--	0	0
<i>S. proriger</i>	--	--	--	0	0
<i>S. reedi</i>	--	--	--	0	0
<i>S. rubberimus</i>	--	--	--	0	0
<i>S. saxicola</i>	--	--	--	0	0
<i>S. zacentrus</i>	--	--	--	0	0
<i>S. alascanus</i>	--	--	--	0	0
<i>S. chlorostictus</i>	--	--	--	0	0
<i>S. aleutianus</i>	--	--	--	0	0
<i>S. goodei</i>	--	--	--	0	0
Other	--	--	--	0	0
Total mt Landed	--	--	--	190.5	190.5

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-13. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1967.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	0.0	--	0.0	5.2	5.2
<i>S. aurora</i>	0.0	--	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	--	1.0	0.0	1.0
<i>S. brevispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. borealis</i>	0.0	--	0.0	0.0	0.0
<i>S. crameri</i>	0.0	--	0.2	72.6	72.8
<i>S. diploproa</i>	0.0	--	3.5	28.9	32.4
<i>S. elongatus</i>	0.0	--	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	--	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	--	0.0	0.6	0.6
<i>S. helvomaculatus</i>	0.0	--	0.0	0.0	0.0
<i>S. melanops</i>	0.6	--	0.0	0.0	0.6
<i>S. paucispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	--	0.0	0.0	0.0
<i>S. proriger</i>	0.0	--	0.0	0.0	0.0
<i>S. reedi</i>	0.0	--	0.0	0.2	0.2
<i>S. rubberimus</i>	0.0	--	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	--	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	--	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	--	2.3	1.0	3.3
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	--	0.0	0.0	0.0
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	0.6	--	7.0	108.5	116.1

*Depth strata 51-80 not sampled.

Appendix Table C-14. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1968.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.1	0.1
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.1	0.1
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	1.2	1.2
<i>S. diploproa</i>	--	--	--	73.6	73.6
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	1.9	1.9
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.1	0.1
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.1	0.1
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	77.1	77.1

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-15. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1971.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	26.3	26.3
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	6.3	6.3
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	40.3	40.3
<i>S. diploproa</i>	--	--	--	13.1	13.1
<i>S. elongatus</i>	--	--	--	1.5	1.5
<i>S. entomelas</i>	--	--	--	3.8	3.8
<i>S. flavidus</i>	--	--	--	2.3	2.3
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.8	0.8
<i>S. paucispinus</i>	--	--	--	23.2	23.2
<i>S. pinniger</i>	--	--	--	7.8	7.8
<i>S. proriger</i>	--	--	--	7.8	7.8
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.8	0.8
<i>S. saxicola</i>	--	--	--	1.5	1.5
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	51.1	51.1
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	2.7	2.7
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.8	0.8
Total mt Landed	--	--	--	190.1	190.1

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-16. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1972.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	5.5	4.3	9.8
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	3.3	5.3	8.6
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	10.5	47.6	58.1
<i>S. diploproa</i>	--	--	9.2	8.6	17.8
<i>S. elongatus</i>	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	0.0	0.1	0.1
<i>S. flavidus</i>	--	--	0.3	0.8	1.1
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	2.5	0.2	2.7
<i>S. pinniger</i>	--	--	1.1	0.2	1.3
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.0	0.0
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	1.9	0.0	1.9
<i>S. zacentrus</i>	--	--	0.0	0.0	0.0
<i>S. alascanus</i>	--	--	0.8	2.9	3.7
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.1	0.1
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	35.1	70.1	105.2

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-17. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1973.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	0.1	7.1	7.2
<i>S. aurora</i>	--	--	0.0	0.2	0.2
<i>S. babcocki</i>	--	--	3.6	0.7	4.3
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	3.0	20.8	23.8
<i>S. diploproa</i>	--	--	2.3	6.2	8.5
<i>S. elongatus</i>	--	--	0.7	0.0	0.7
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.8	0.3	1.1
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	5.4	0.4	5.8
<i>S. pinniger</i>	--	--	7.6	4.0	11.6
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.0	0.0
<i>S. rubberimus</i>	--	--	0.4	0.0	0.4
<i>S. saxicola</i>	--	--	1.7	0.0	1.7
<i>S. zacentrus</i>	--	--	0.0	0.0	0.0
<i>S. alascanus</i>	--	--	15.7	19.0	34.7
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.4	0.7	1.1
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.5	0.0	0.5
Total mt Landed	--	--	42.2	59.4	101.6

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-18. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1974.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	3.5	22.4	25.9
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	1.9	2.0	3.9
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	10.0	78.3	88.3
<i>S. diploproa</i>	--	--	5.2	25.5	30.7
<i>S. elongatus</i>	--	--	0.0	0.3	0.3
<i>S. entomelas</i>	--	--	0.2	0.0	0.2
<i>S. flavidus</i>	--	--	0.3	0.0	0.3
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.9	0.7	1.6
<i>S. pinniger</i>	--	--	0.4	0.0	0.4
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.0	0.0
<i>S. rubberimus</i>	--	--	0.0	0.3	0.3
<i>S. saxicola</i>	--	--	0.6	0.6	1.2
<i>S. zacentrus</i>	--	--	0.0	0.2	0.2
<i>S. alascanus</i>	--	--	6.3	11.8	18.1
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	1.0	1.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	29.3	143.1	172.4

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-19. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1975.
 fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	18.8	18.8
<i>S. aurora</i>	--	--	--	0.6	0.6
<i>S. babcocki</i>	--	--	--	1.3	1.3
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.6	0.6
<i>S. crameri</i>	--	--	--	28.6	28.6
<i>S. diploproa</i>	--	--	--	10.0	10.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.8	0.8
<i>S. flavidus</i>	--	--	--	1.1	1.1
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	1.4	1.4
<i>S. pinniger</i>	--	--	--	1.8	1.8
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	2.2	2.2
<i>S. alascanus</i>	--	--	--	28.3	28.3
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	1.4	1.4
<i>S. goodei</i>	--	--	--	1.5	1.5
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	98.4	98.4

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-20. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1978.
fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	0.6	1.2	1.8
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.9	0.1	1.0
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	2.2	5.4	7.6
<i>S. diploproa</i>	--	--	0.7	0.9	1.6
<i>S. elongatus</i>	--	--	1.4	0.0	1.4
<i>S. entomelas</i>	--	--	0.1	0.0	0.1
<i>S. flavidus</i>	--	--	0.2	0.0	0.2
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.2	0.0	0.2
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.1	0.1
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.1	0.1
<i>S. zacentrus</i>	--	--	0.0	0.1	0.1
<i>S. alascanus</i>	--	--	2.0	5.8	7.8
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.2	0.2
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	8.3	13.9	22.2

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-21. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC 2B, 1979.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.9	0.9
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.6	0.6
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	17.9	17.9
<i>S. diploproa</i>	--	--	--	1.0	1.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.7	0.7
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.8	0.8
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.4	0.4
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	0.3	0.3
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	22.6	22.6

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-22. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1980.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	1.5	1.5
<i>S. aurora</i>	--	--	--	0.1	0.1
<i>S. babcocki</i>	--	--	--	0.4	0.4
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	9.5	9.5
<i>S. diploproa</i>	--	--	--	1.3	1.3
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.1	0.1
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	7.3	7.3
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	20.2	20.2

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-23. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1982.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	0.6	5.3	5.9
<i>S. aurora</i>	--	--	0.2	0.1	0.3
<i>S. babcocki</i>	--	--	0.1	0.5	0.6
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.3	0.3
<i>S. crameri</i>	--	--	1.4	19.3	20.7
<i>S. diploproa</i>	--	--	0.1	4.8	4.9
<i>S. elongatus</i>	--	--	0.2	0.2	0.4
<i>S. entomelas</i>	--	--	0.3	0.0	0.3
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.9	0.1	1.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.3	0.3	0.6
<i>S. pinniger</i>	--	--	0.1	0.0	0.1
<i>S. proriger</i>	--	--	10.8	0.1	10.9
<i>S. reedi</i>	--	--	0.2	0.4	0.6
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.1	0.1
<i>S. zacentrus</i>	--	--	3.0	0.3	3.3
<i>S. alascanus</i>	--	--	0.1	2.0	2.1
<i>S. chlorostictus</i>	--	--	0.0	0.1	0.1
<i>S. aleutianus</i>	--	--	0.2	0.3	0.5
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.3	0.8	1.1
Total mt Landed	--	--	18.8	35.0	53.8

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-24. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1983.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	0.1	22.3	22.4
<i>S. aurora</i>	--	--	0.0	0.3	0.3
<i>S. babcocki</i>	--	--	0.0	3.1	3.1
<i>S. brevispinus</i>	--	--	0.1	0.0	0.1
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.0	64.5	64.5
<i>S. diploproa</i>	--	--	0.0	18.6	18.6
<i>S. elongatus</i>	--	--	0.0	0.6	0.6
<i>S. entomelas</i>	--	--	0.1	0.2	0.3
<i>S. flavidus</i>	--	--	0.0	0.2	0.2
<i>S. helvomaculatus</i>	--	--	0.0	0.9	0.9
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.1	0.9	1.0
<i>S. pinniger</i>	--	--	0.1	0.3	0.4
<i>S. proriger</i>	--	--	14.5	0.5	15.0
<i>S. reedi</i>	--	--	0.4	0.9	1.3
<i>S. rubberimus</i>	--	--	0.1	0.0	0.1
<i>S. saxicola</i>	--	--	0.0	0.4	0.4
<i>S. zacentrus</i>	--	--	1.4	4.0	5.4
<i>S. alascanus</i>	--	--	0.0	4.1	4.1
<i>S. chlorostictus</i>	--	--	0.1	0.0	0.1
<i>S. aleutianus</i>	--	--	0.0	0.4	0.4
<i>S. goodei</i>	--	--	0.1	0.1	0.2
Other	--	--	0.3	3.4	3.7
Total mt Landed	--	--	17.4	125.7	143.1

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-25. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	1.6	--	0.0	0.1	1.7
<i>S. aurora</i>	0.0	--	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	--	0.1	0.0	0.1
<i>S. brevispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. borealis</i>	0.0	--	0.0	0.0	0.0
<i>S. crameri</i>	0.1	--	0.0	0.0	0.1
<i>S. diploproa</i>	0.1	--	0.0	0.0	0.1
<i>S. elongatus</i>	0.0	--	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	--	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	0.1	0.0	0.1
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	--	0.0	0.0	0.0
<i>S. proriger</i>	0.0	--	1.3	0.0	1.3
<i>S. reedi</i>	0.0	--	0.1	0.0	0.1
<i>S. rubberimus</i>	0.0	--	0.0	0.0	0.0
<i>S. saxicola</i>	0.1	--	0.0	0.0	0.1
<i>S. zacentrus</i>	0.0	--	0.1	0.0	0.1
<i>S. alascanus</i>	0.1	--	0.2	0.0	0.3
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	--	0.0	0.0	0.0
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	2.0	--	1.9	0.1	4.0

*Depth strata 51-80 not sampled.

Appendix Table C-26. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	8.4	--	--	24.1	32.5
<i>S. aurora</i>	0.0	--	--	0.5	0.5
<i>S. babcocki</i>	0.1	--	--	0.1	0.2
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. crameri</i>	0.1	--	--	1.2	1.3
<i>S. diploproa</i>	0.1	--	--	1.6	1.7
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.1	--	--	0.1	0.2
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	2.7	--	--	0.0	2.7
<i>S. reedi</i>	0.1	--	--	13.1	13.2
<i>S. rubberimus</i>	0.0	--	--	0.1	0.1
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.1	--	--	0.3	0.4
<i>S. alascanus</i>	0.4	--	--	0.2	0.6
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.0	--	--	0.1	0.1
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.3	0.3
Total mt Landed	12.1	--	--	41.7	53.8

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-27. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1986.
 fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	17.6	--	--	20.9	38.5
<i>S. aurora</i>	0.9	--	--	0.0	0.9
<i>S. babcocki</i>	0.0	--	--	0.0	0.0
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. crameri</i>	2.4	--	--	0.2	2.6
<i>S. diploproa</i>	0.2	--	--	0.0	0.2
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.1	--	--	0.0	0.1
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.1	--	--	0.0	0.1
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.1	--	--	0.0	0.1
<i>S. alascanus</i>	0.0	--	--	0.0	0.0
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.1	--	--	0.0	0.1
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	21.5	--	--	21.1	42.6

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-28. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	8.0	2.0	10.0
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.0	0.0	0.0
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.0	0.1	0.1
<i>S. diploproa</i>	--	--	0.0	0.0	0.0
<i>S. elongatus</i>	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.2	0.0	0.2
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.1	0.0	0.1
<i>S. alascanus</i>	--	--	0.1	0.0	0.1
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.2	0.1	0.3
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	8.6	2.2	10.8

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-29. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2B, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120	
<i>S. alutus</i>	--	4.6	--	0.2	4.8
<i>S. aurora</i>	--	0.0	--	0.0	0.0
<i>S. babcocki</i>	--	0.0	--	0.0	0.0
<i>S. brevispinus</i>	--	0.0	--	0.0	0.0
<i>S. borealis</i>	--	0.0	--	0.0	0.0
<i>S. crameri</i>	--	0.1	--	0.1	0.2
<i>S. diploproa</i>	--	0.0	--	0.1	0.1
<i>S. elongatus</i>	--	0.0	--	0.0	0.0
<i>S. entomelas</i>	--	0.0	--	0.0	0.0
<i>S. flavidus</i>	--	0.0	--	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	--	0.0	0.0
<i>S. melanops</i>	--	0.0	--	0.0	0.0
<i>S. paucispinus</i>	--	0.0	--	0.0	0.0
<i>S. pinniger</i>	--	0.0	--	0.0	0.0
<i>S. proriger</i>	--	0.0	--	0.0	0.0
<i>S. reedi</i>	--	0.1	--	0.0	0.1
<i>S. rubberimus</i>	--	0.0	--	0.0	0.0
<i>S. saxicola</i>	--	0.0	--	0.0	0.0
<i>S. zacentrus</i>	--	0.0	--	0.0	0.0
<i>S. alascanus</i>	--	0.0	--	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	--	0.0	0.0
<i>S. aleutianus</i>	--	0.0	--	0.0	0.0
<i>S. goodei</i>	--	0.0	--	0.0	0.0
Other	--	0.0	--	0.0	0.0
Total mt Landed	--	4.8	--	0.4	5.2

*Depth strata <50 & 81-120 not sampled.

Appendix Table C-30. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1963.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	67.7	1,543.4	1,611.1
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.0	3.3	3.3
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.0	8.1	8.1
<i>S. diploproa</i>	--	--	0.0	11.5	11.5
<i>S. elongatus</i>	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.1	0.0	0.1
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.0	0.0
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.0	0.0	0.0
<i>S. alascanus</i>	--	--	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.0	0.0
<i>S. goodei</i>	--	--	0.1	0.0	0.1
Other	--	--	0.0	3.3	3.3
Total mt Landed	--	--	67.9	1,569.6	1,637.5

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-31. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1964.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	1,617.8	1,617.8
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.1	0.1
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. cramerii</i>	--	--	--	6.9	6.9
<i>S. diploproa</i>	--	--	--	8.5	8.5
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	49.4	49.4
<i>S. flavidus</i>	--	--	--	3.4	3.4
<i>S. helvomaculatus</i>	--	--	--	1.7	1.7
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	3.4	3.4
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	6.9	6.9
<i>S. alascanus</i>	--	--	--	0.1	0.1
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	1,698.2	1,698.2

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-32. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1965.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	3,326.5	3,326.5
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	112.4	112.4
<i>S. diploproa</i>	--	--	--	541.8	541.8
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	16.1	16.1
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	16.1	16.1
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	4,012.9	4,012.9

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-33. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1966.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	6.9	679.1	686.0
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.1	0.0	0.1
<i>S. brevispinus</i>	--	--	4.9	0.0	4.9
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	9.2	151.7	160.9
<i>S. diploproa</i>	--	--	0.0	43.4	43.4
<i>S. elongatus</i>	--	--	0.1	0.0	0.1
<i>S. entomelas</i>	--	--	0.0	13.8	13.8
<i>S. flavidus</i>	--	--	2.0	0.0	2.0
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	14.1	4.7	18.8
<i>S. pinniger</i>	--	--	6.9	0.0	6.9
<i>S. proriger</i>	--	--	0.0	18.8	18.8
<i>S. reedi</i>	--	--	0.0	6.9	6.9
<i>S. rubberimus</i>	--	--	0.0	0.1	0.1
<i>S. saxicola</i>	--	--	4.9	0.0	4.9
<i>S. zacentrus</i>	--	--	10.9	0.0	10.9
<i>S. alascanus</i>	--	--	0.0	6.9	6.9
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	2.0	2.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.1	0.0	0.1
Total mt Landed	--	--	60.1	927.4	987.5

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-34. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1967.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	148.6	148.6
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	4.2	4.2
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	25.3	25.3
<i>S. diploproa</i>	--	--	--	8.3	8.3
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.4	0.4
<i>S. flavidus</i>	--	--	--	0.4	0.4
<i>S. helvomaculatus</i>	--	--	--	0.4	0.4
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.4	0.4
<i>S. proriger</i>	--	--	--	0.4	0.4
<i>S. reedi</i>	--	--	--	206.7	206.7
<i>S. rubberimus</i>	--	--	--	4.2	4.2
<i>S. saxicola</i>	--	--	--	7.5	7.5
<i>S. zacentrus</i>	--	--	--	7.5	7.5
<i>S. alascanus</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.8	0.8
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.4	0.4
Total mt Landed	--	--	--	415.5	415.5

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-35. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1968.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	149.0	149.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	4.5	4.5
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	31.8	31.8
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	18.2	18.2
<i>S. alascanus</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.6	0.6
Total mt Landed	--	--	--	204.1	204.1

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-36. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1970.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120*	
<i>S. alutus</i>	--	--	118.2	--	118.2
<i>S. aurora</i>	--	--	0.0	--	0.0
<i>S. babcocki</i>	--	--	0.0	--	0.0
<i>S. brevispinus</i>	--	--	2.8	--	2.8
<i>S. borealis</i>	--	--	0.0	--	0.0
<i>S. crameri</i>	--	--	30.9	--	30.9
<i>S. diploproa</i>	--	--	0.0	--	0.0
<i>S. elongatus</i>	--	--	0.0	--	0.0
<i>S. entomelas</i>	--	--	0.0	--	0.0
<i>S. flavidus</i>	--	--	0.0	--	0.0
<i>S. helvomaculatus</i>	--	--	0.0	--	0.0
<i>S. melanops</i>	--	--	0.0	--	0.0
<i>S. paucispinus</i>	--	--	0.0	--	0.0
<i>S. pinniger</i>	--	--	0.0	--	0.0
<i>S. proriger</i>	--	--	0.0	--	0.0
<i>S. reedi</i>	--	--	36.0	--	36.0
<i>S. rubberimus</i>	--	--	0.0	--	0.0
<i>S. saxicola</i>	--	--	0.0	--	0.0
<i>S. zacentrus</i>	--	--	0.0	--	0.0
<i>S. alascanus</i>	--	--	0.8	--	0.8
<i>S. chlorostictus</i>	--	--	0.0	--	0.0
<i>S. aleutianus</i>	--	--	0.0	--	0.0
<i>S. goodei</i>	--	--	0.0	--	0.0
Other	--	--	0.0	--	0.0
Total mt Landed	--	--	188.7	--	188.7

*Depth strata <50, 51-80 & >120 not sampled.

Appendix Table C-37. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1973.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	35.0	35.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	22.0	22.0
<i>S. diploproa</i>	--	--	--	0.1	0.1
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	1.8	1.8
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	58.9	58.9

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-38. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1975.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	17.1	21.8	38.9
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	2.7	0.0	2.7
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. cramerii</i>	--	--	27.0	13.7	40.7
<i>S. diploproa</i>	--	--	0.0	0.0	0.0
<i>S. elongatus</i>	--	--	2.0	0.0	2.0
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.0	0.0
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.0	0.0	0.0
<i>S. alascanus</i>	--	--	42.6	42.7	85.3
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.0	0.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	91.4	78.2	169.6

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-39. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1976.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	166.5	185.7	352.2
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.0	2.3	2.3
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	131.4	69.0	200.4
<i>S. diploproa</i>	--	--	0.0	0.1	0.1
<i>S. elongatus</i>	--	--	1.2	0.0	1.2
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.0	0.0
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.0	0.0	0.0
<i>S. alascanus</i>	--	--	15.3	10.9	26.2
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.0	0.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	314.4	268.0	582.4

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-40. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1977.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	86.7	86.7
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	56.0	56.0
<i>S. diploproa</i>	--	--	--	5.4	5.4
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.1	0.1
<i>S. alascanus</i>	--	--	--	28.9	28.9
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	4.0	4.0
Total mt Landed	--	--	--	181.1	181.1

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-41. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1978.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	3.6	55.7	59.3
<i>S. aurora</i>	--	--	0.0	0.5	0.5
<i>S. babcocki</i>	--	--	0.6	8.0	8.6
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.8	24.4	25.2
<i>S. diploproa</i>	--	--	0.0	7.6	7.6
<i>S. elongatus</i>	--	--	0.0	0.5	0.5
<i>S. entomelas</i>	--	--	0.0	0.9	0.9
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.1	0.1
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.3	0.3
<i>S. pinniger</i>	--	--	0.1	0.0	0.1
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	1.1	1.1
<i>S. rubberimus</i>	--	--	0.0	0.4	0.4
<i>S. saxicola</i>	--	--	0.0	0.5	0.5
<i>S. zacentrus</i>	--	--	0.0	0.3	0.3
<i>S. alascanus</i>	--	--	2.4	19.3	21.7
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	1.1	4.9	6.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	8.6	124.5	133.1

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-42. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1979.
 fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	53.6	53.6
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	50.3	50.3
<i>S. diploproa</i>	--	--	--	12.7	12.7
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	14.4	14.4
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	127.2	127.2
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	9.9	9.9
<i>S. alascanus</i>	--	--	--	5.5	5.5
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	2.8	2.8
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	276.4	276.4

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-43. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1980.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	24.0	45.3	69.3
<i>S. aurora</i>	--	--	0.0	0.6	0.6
<i>S. babcocki</i>	--	--	0.0	0.6	0.6
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.1	0.0	0.1
<i>S. crameri</i>	--	--	6.8	20.9	27.7
<i>S. diploproa</i>	--	--	1.9	14.2	16.1
<i>S. elongatus</i>	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	0.0	3.3	3.3
<i>S. flavidus</i>	--	--	0.1	0.0	0.1
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.1	0.0	0.1
<i>S. pinniger</i>	--	--	0.1	0.0	0.1
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	5.9	15.2	21.1
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.1	0.1
<i>S. zacentrus</i>	--	--	0.0	0.1	0.1
<i>S. alascanus</i>	--	--	0.8	8.4	9.2
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	2.3	2.3
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	39.8	111.0	150.8

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-44. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1981.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.1	56.8	70.4	127.3
<i>S. aurora</i>	--	0.0	0.0	0.3	0.3
<i>S. babcocki</i>	--	0.1	0.1	2.8	3.0
<i>S. brevispinus</i>	--	0.0	5.0	0.4	5.4
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	1.1	4.3	36.2	41.6
<i>S. diploproa</i>	--	0.0	9.5	7.1	16.6
<i>S. elongatus</i>	--	0.3	0.8	0.6	1.7
<i>S. entomelas</i>	--	0.0	2.8	0.2	3.0
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	0.1	0.2	0.3
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.1	4.8	2.5	7.4
<i>S. pinniger</i>	--	0.0	0.0	1.7	1.7
<i>S. proriger</i>	--	0.0	11.6	9.3	20.9
<i>S. reedi</i>	--	0.0	43.3	31.8	75.1
<i>S. rubberimus</i>	--	0.0	1.8	0.2	2.0
<i>S. saxicola</i>	--	0.0	0.2	0.5	0.7
<i>S. zacentrus</i>	--	0.1	13.4	9.8	23.3
<i>S. alascanus</i>	--	0.1	0.5	3.5	4.1
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.1	2.2	0.7	3.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	1.0	1.0
Total mt Landed	--	2.0	157.2	179.2	338.4

*Depth strata <50 not sampled.

Appendix Table C-45. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1982.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	20.0	8.8	28.8
<i>S. aurora</i>	--	--	0.2	0.9	1.1
<i>S. babcocki</i>	--	--	0.0	0.7	0.7
<i>S. brevispinus</i>	--	--	0.2	0.0	0.2
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	3.5	3.0	6.5
<i>S. diploproa</i>	--	--	0.7	2.1	2.8
<i>S. elongatus</i>	--	--	0.3	0.2	0.5
<i>S. entomelas</i>	--	--	0.3	0.1	0.4
<i>S. flavidus</i>	--	--	0.1	0.0	0.1
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.3	0.1	0.4
<i>S. pinniger</i>	--	--	0.3	0.2	0.5
<i>S. proriger</i>	--	--	101.8	1.6	103.4
<i>S. reedi</i>	--	--	10.0	6.8	16.8
<i>S. rubberimus</i>	--	--	0.2	0.0	0.2
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	5.4	2.2	7.6
<i>S. alascanus</i>	--	--	1.3	3.8	5.1
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.3	0.6	0.9
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.5	0.5
Total mt Landed	--	--	144.9	31.6	176.5

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-46. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1983.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	58.6	265.3	323.9
<i>S. aurora</i>	--	--	0.0	8.5	8.5
<i>S. babcocki</i>	--	--	0.0	3.5	3.5
<i>S. brevispinus</i>	--	--	0.0	0.7	0.7
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.0	24.7	24.7
<i>S. diploproa</i>	--	--	2.0	14.9	16.9
<i>S. elongatus</i>	--	--	0.0	0.1	0.1
<i>S. entomelas</i>	--	--	0.0	0.1	0.1
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.1	0.1
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.7	0.7
<i>S. pinniger</i>	--	--	0.2	0.5	0.7
<i>S. proriger</i>	--	--	6.5	141.2	147.7
<i>S. reedi</i>	--	--	11.9	9.3	21.2
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.1	0.1
<i>S. zacentrus</i>	--	--	16.3	129.2	145.5
<i>S. alascanus</i>	--	--	0.0	0.1	0.1
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	12.0	12.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	95.5	611.0	706.5

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-47. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	371.2	--	--	--	371.2
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. crameri</i>	1.1	--	--	--	1.1
<i>S. diploproa</i>	1.7	--	--	--	1.7
<i>S. elongatus</i>	0.0	--	--	--	0.0
<i>S. entomelas</i>	0.0	--	--	--	0.0
<i>S. flavidus</i>	0.0	--	--	--	0.0
<i>S. helvomaculatus</i>	0.1	--	--	--	0.1
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	0.0	--	--	--	0.0
<i>S. proriger</i>	0.0	--	--	--	0.0
<i>S. reedi</i>	0.4	--	--	--	0.4
<i>S. rubberimus</i>	0.0	--	--	--	0.0
<i>S. saxicola</i>	0.0	--	--	--	0.0
<i>S. zacentrus</i>	1.3	--	--	--	1.3
<i>S. alascanus</i>	0.1	--	--	--	0.1
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	375.9	--	--	--	375.9

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-48. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	298.3	--	--	31.7	330.0
<i>S. aurora</i>	0.0	--	--	0.0	0.0
<i>S. babcocki</i>	0.0	--	--	0.1	0.1
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.1	0.1
<i>S. crameri</i>	1.2	--	--	0.5	1.7
<i>S. diploproa</i>	0.9	--	--	0.7	1.6
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	--	0.1	0.1
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.1	0.1
<i>S. proriger</i>	0.1	--	--	0.0	0.1
<i>S. reedi</i>	1.2	--	--	1.0	2.2
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.6	--	--	0.1	0.7
<i>S. alascanus</i>	0.1	--	--	0.4	0.5
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.0	--	--	0.1	0.1
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	302.4	--	--	34.9	337.3

*Depth strata 51-80, & 81-120 not sampled.

Appendix Table C-49. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	152.6	--	--	73.4	226.0
<i>S. aurora</i>	0.4	--	--	0.2	0.6
<i>S. babcocki</i>	0.1	--	--	0.0	0.1
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.3	--	--	0.0	0.3
<i>S. crameri</i>	0.8	--	--	2.1	2.9
<i>S. diploproa</i>	3.8	--	--	1.2	5.0
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.9	--	--	0.1	1.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.1	0.1
<i>S. reedi</i>	2.9	--	--	1.2	4.1
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.8	--	--	0.2	1.0
<i>S. alascanus</i>	0.0	--	--	0.1	0.1
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.2	--	--	0.2	0.4
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.1	--	--	0.0	0.1
Total mt Landed	162.9	--	--	78.8	241.7

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-50. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	150.8	--	--	44.6	195.4
<i>S. aurora</i>	0.0	--	--	0.1	0.1
<i>S. babcocki</i>	0.3	--	--	0.0	0.3
<i>S. brevispinus</i>	3.0	--	--	0.0	3.0
<i>S. borealis</i>	0.0	--	--	0.1	0.1
<i>S. crameri</i>	4.4	--	--	0.4	4.8
<i>S. diploproa</i>	0.8	--	--	0.3	1.1
<i>S. elongatus</i>	0.1	--	--	0.0	0.1
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	--	0.1	0.1
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.1	--	--	0.0	0.1
<i>S. reedi</i>	0.4	--	--	0.6	1.0
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.4	--	--	0.1	0.5
<i>S. alascanus</i>	2.3	--	--	0.1	2.4
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.2	--	--	1.9	2.1
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	162.8	--	--	48.3	211.1

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-51. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	157.4	--	8.7	88.8	254.9
<i>S. aurora</i>	0.1	--	0.0	0.0	0.1
<i>S. babcocki</i>	0.0	--	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	--	0.1	0.0	0.1
<i>S. borealis</i>	0.0	--	0.0	0.0	0.0
<i>S. crameri</i>	0.9	--	0.2	0.1	1.2
<i>S. diploproa</i>	2.2	--	0.2	0.2	2.6
<i>S. elongatus</i>	0.0	--	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	--	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	--	0.1	0.0	0.1
<i>S. helvomaculatus</i>	0.1	--	0.0	0.0	0.1
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	--	0.0	0.0	0.0
<i>S. proriger</i>	0.1	--	0.0	0.0	0.1
<i>S. reedi</i>	1.5	--	1.8	0.1	3.4
<i>S. rubberimus</i>	0.0	--	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	--	0.0	0.0	0.0
<i>S. zacentrus</i>	0.1	--	0.1	0.0	0.2
<i>S. alascanus</i>	0.1	--	0.0	0.0	0.1
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	--	0.0	0.0	0.1
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
Other	0.1	--	0.0	0.0	0.1
Total mt Landed	162.7	--	11.2	89.2	263.1

*Depth strata 51-80 not sampled.

Appendix Table C-52. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	148.7	--	--	190.5	339.2
<i>S. aurora</i>	0.0	--	--	0.0	0.0
<i>S. babcocki</i>	0.0	--	--	0.0	0.0
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. crameri</i>	0.9	--	--	0.5	1.4
<i>S. diploproa</i>	0.3	--	--	0.4	0.7
<i>S. elongatus</i>	0.2	--	--	0.0	0.2
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.1	--	--	0.0	0.1
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.0	--	--	1.0	1.0
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.1	--	--	0.0	0.1
<i>S. alascanus</i>	0.0	--	--	0.1	0.1
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.0	--	--	0.2	0.2
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	150.3	--	--	192.7	343.0

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-53. Species composition of category 413 (Pacific (ocean perch) landings (mt) by depth strata, PMFC area 2C, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120	
<i>S. alutus</i>	--	152.0	--	28.1	180.1
<i>S. aurora</i>	--	0.2	--	0.0	0.2
<i>S. babcocki</i>	--	0.1	--	0.0	0.1
<i>S. brevispinus</i>	--	0.0	--	0.0	0.0
<i>S. borealis</i>	--	0.0	--	0.0	0.0
<i>S. crameri</i>	--	2.4	--	0.0	2.4
<i>S. diploproa</i>	--	1.9	--	0.1	2.0
<i>S. elongatus</i>	--	0.0	--	0.0	0.0
<i>S. entomelas</i>	--	0.0	--	0.0	0.0
<i>S. flavidus</i>	--	0.0	--	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	--	0.0	0.0
<i>S. melanops</i>	--	0.0	--	0.0	0.0
<i>S. paucispinus</i>	--	0.0	--	0.0	0.0
<i>S. pinniger</i>	--	0.0	--	0.0	0.0
<i>S. proriger</i>	--	0.0	--	0.0	0.0
<i>S. reedi</i>	--	1.2	--	0.0	1.2
<i>S. rubberimus</i>	--	0.0	--	0.0	0.0
<i>S. saxicola</i>	--	0.0	--	0.0	0.0
<i>S. zacentrus</i>	--	0.1	--	0.0	0.1
<i>S. alascanus</i>	--	0.0	--	0.1	0.1
<i>S. chlorostictus</i>	--	0.0	--	0.0	0.0
<i>S. aleutianus</i>	--	0.0	--	0.0	0.0
<i>S. goodei</i>	--	0.0	--	0.0	0.0
Other	--	0.0	--	0.0	0.0
Total mt Landed	--	157.9	--	28.3	186.2

*Depth strata <50 & 81-120 not sampled.

Appendix Table C-54. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	153.5	153.5
<i>S. aurora</i>	--	--	--	0.8	0.8
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	3.0	3.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	157.3	157.3

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-55. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	74.7	74.7
<i>S. aurora</i>	--	--	--	0.3	0.3
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.2	0.2
<i>S. diploproa</i>	--	--	--	12.5	12.5
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.1	0.1
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.9	0.9
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	1.2	1.2
<i>S. alascanus</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	89.9	89.9

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-56. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 2C, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	204.4	204.4
<i>S. aurora</i>	--	--	--	0.4	0.4
<i>S. babcocki</i>	--	--	--	0.2	0.2
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.6	0.6
<i>S. diploproa</i>	--	--	--	1.0	1.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.6	0.6
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.6	0.6
<i>S. alascanus</i>	--	--	--	0.2	0.2
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.2	0.2
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	208.2	208.2

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-57. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1963.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	11.4	439.5	971.5	1,422.4
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	1.5	0.0	1.5
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.0	41.5	41.5
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	0.0	1.5	0.0	1.5
<i>S. flavidus</i>	--	0.0	3.0	0.0	3.0
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	1.5	1.5
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.5	9.9	10.4
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	11.4	446.0	1,024.4	1,481.8

*Depth strata <50 not sampled.

Appendix Table C-58. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1964.
fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	206.0	726.2	932.2
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.0	8.4	8.4
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	13.3	83.1	96.4
<i>S. diploproa</i>	--	--	2.4	8.1	10.5
<i>S. elongatus</i>	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.0	0.0
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.1	0.0	0.1
<i>S. alascanus</i>	--	--	0.1	0.0	0.1
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.0	0.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.1	0.0	0.1
Total mt Landed	--	--	222.0	825.8	1,047.8

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-59. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1965.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	2.2	245.1	847.1	1,094.4
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.3	0.9	1.2
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	6.5	37.3	43.8
<i>S. diploproa</i>	--	0.0	2.0	2.9	4.9
<i>S. elongatus</i>	--	0.0	1.2	0.0	1.2
<i>S. entomelas</i>	--	0.0	2.3	3.8	6.1
<i>S. flavidus</i>	--	0.0	8.5	0.0	8.5
<i>S. helvomaculatus</i>	--	0.0	0.0	0.1	0.1
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	1.8	0.6	2.4
<i>S. pinniger</i>	--	0.0	3.6	0.0	3.6
<i>S. proriger</i>	--	0.0	13.4	0.0	13.4
<i>S. reedi</i>	--	0.0	1.1	14.7	15.8
<i>S. rubberimus</i>	--	0.0	0.0	0.1	0.1
<i>S. saxicola</i>	--	0.0	3.7	3.6	7.3
<i>S. zacentrus</i>	--	0.0	0.8	0.4	1.2
<i>S. alascanus</i>	--	0.0	1.3	1.1	2.4
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	6.1	6.1
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	3.6	0.0	3.6
Total mt Landed	--	2.2	295.2	918.7	1,216.1

*Depth strata <50 not sampled.

Appendix Table C-60. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1966.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.5	215.3	246.2	462.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.2	0.3	0.5
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	5.8	12.7	18.5
<i>S. diploproa</i>	--	0.0	0.8	1.3	2.1
<i>S. elongatus</i>	--	0.0	0.0	0.5	0.5
<i>S. entomelas</i>	--	0.0	0.9	1.7	2.6
<i>S. flavidus</i>	--	1.5	1.5	0.6	3.6
<i>S. helvomaculatus</i>	--	0.0	0.0	0.1	0.1
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.7	0.3	1.0
<i>S. pinniger</i>	--	0.0	0.3	1.2	1.5
<i>S. proriger</i>	--	0.0	0.0	5.6	5.6
<i>S. reedi</i>	--	0.0	2.8	3.9	6.7
<i>S. rubberimus</i>	--	0.0	0.1	0.0	0.1
<i>S. saxicola</i>	--	0.0	2.8	0.3	3.1
<i>S. zacentrus</i>	--	0.0	0.0	0.5	0.5
<i>S. alascanus</i>	--	0.0	0.0	1.0	1.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.8	1.8	2.6
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	1.5	1.5
Total mt Landed	--	2.0	232.0	279.5	513.5

*Depth strata <50 not sampled.

Appendix Table C-61. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1967.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	6.2	2.8	17.3	94.5	120.8
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.3	0.7	1.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.4	0.4
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	1.6	0.4	1.5	36.9	40.4
<i>S. diploproa</i>	0.1	0.0	0.0	0.9	1.0
<i>S. elongatus</i>	0.1	0.1	0.0	0.0	0.2
<i>S. entomelas</i>	0.0	0.0	0.0	2.3	2.3
<i>S. flavidus</i>	0.0	0.0	0.0	0.6	0.6
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	1.0	1.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.2	0.2
<i>S. proriger</i>	0.1	0.1	0.2	11.8	12.2
<i>S. reedi</i>	0.4	0.3	1.2	15.3	17.2
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.1	0.1	0.0	3.3	3.5
<i>S. zacentrus</i>	0.0	0.0	0.2	0.6	0.8
<i>S. alascanus</i>	0.0	0.1	0.0	0.7	0.8
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	0.0	0.7	3.1	3.9
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	1.0	1.0
Total mt Landed	8.7	3.9	21.4	173.3	207.3

Appendix Table C-62. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1968.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	2.1	0.3	13.5	12.1	28.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.1	0.1
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.7	0.0	0.3	2.2	3.2
<i>S. diploproa</i>	0.0	0.0	0.2	0.1	0.3
<i>S. elongatus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. entomelas</i>	0.0	0.0	0.1	1.4	1.5
<i>S. flavidus</i>	0.0	0.0	0.0	0.3	0.3
<i>S. helvomaculatus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.3	0.3
<i>S. proriger</i>	0.1	0.0	0.1	0.5	0.7
<i>S. reedi</i>	0.8	0.1	1.0	15.6	17.5
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.1	0.1
<i>S. zacentrus</i>	0.1	0.2	0.6	0.1	1.0
<i>S. alascanus</i>	0.0	0.1	0.0	0.2	0.3
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.8	0.8
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.1	0.1
Total mt Landed	3.8	0.8	15.9	33.9	54.4

Appendix Table C-63. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1969.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	9.8	5.8	15.6
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.0	0.1	0.1
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.2	0.8	1.0
<i>S. diploproa</i>	--	--	0.0	0.1	0.1
<i>S. elongatus</i>	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.1	0.0	0.1
<i>S. paucispinus</i>	--	--	0.1	0.0	0.1
<i>S. pinniger</i>	--	--	0.0	2.6	2.6
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.1	0.1
<i>S. rubberimus</i>	--	--	0.1	0.0	0.1
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.0	0.0	0.0
<i>S. alascanus</i>	--	--	0.2	0.4	0.6
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.4	0.4
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.1	0.1
Total mt Landed	--	--	10.5	10.4	20.9

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-64. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1970.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.2	1.6	22.5	24.3
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.4	0.1	0.5
<i>S. brevispinus</i>	--	0.0	0.0	0.3	0.3
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.1	0.6	2.3	3.0
<i>S. diploproa</i>	--	0.0	0.0	0.2	0.2
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.4	0.4
<i>S. pinniger</i>	--	0.0	0.1	0.0	0.1
<i>S. proriger</i>	--	0.0	0.0	3.0	3.0
<i>S. reedi</i>	--	0.0	0.0	1.1	1.1
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.1	0.0	0.1
<i>S. alascanus</i>	--	0.0	0.0	0.1	0.1
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	0.3	2.8	30.0	33.1

*Depth strata <50 not sampled.

Appendix Table C-65. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1971.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50F*	51-80	81-120	>120	
<i>S. alutus</i>	--	9.7	0.7	53.7	64.1
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.3	0.0	3.7	4.0
<i>S. brevispinus</i>	--	0.0	0.0	0.7	0.7
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.3	3.0	13.0	16.3
<i>S. diploproa</i>	--	0.0	0.0	2.3	2.3
<i>S. elongatus</i>	--	0.0	0.0	0.3	0.3
<i>S. entomelas</i>	--	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	--	0.3	0.0	0.0	0.3
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	1.7	0.0	1.7
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	0.3	0.3	0.6
<i>S. reedi</i>	--	0.0	0.0	0.3	0.3
<i>S. rubberimus</i>	--	0.0	0.0	0.6	0.6
<i>S. saxicola</i>	--	0.0	2.7	0.0	2.7
<i>S. zacentrus</i>	--	0.0	2.3	0.0	2.3
<i>S. alascanus</i>	--	0.0	1.7	1.3	3.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	1.0	1.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	10.6	12.4	77.2	100.2

*Depth strata <50 not sampled.

Appendix Table C-66. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1972.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	32.7	3.7	7.3	43.7
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.6	0.0	1.4	2.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	3.9	0.2	2.5	6.6
<i>S. diploproa</i>	--	0.0	0.0	0.1	0.1
<i>S. elongatus</i>	--	0.0	0.0	0.1	0.1
<i>S. entomelas</i>	--	0.0	0.0	0.2	0.2
<i>S. flavidus</i>	--	0.0	1.8	1.7	3.5
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.5	0.0	0.0	0.5
<i>S. paucispinus</i>	--	0.0	0.1	0.0	0.1
<i>S. pinniger</i>	--	0.7	0.7	0.0	1.4
<i>S. proriger</i>	--	0.0	0.0	0.1	0.1
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.1	0.0	0.1
<i>S. zacentrus</i>	--	0.0	0.2	0.0	0.2
<i>S. alascanus</i>	--	1.9	0.0	0.1	2.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.6	0.6
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	2.7	2.7
Total mt Landed	--	40.3	6.8	16.8	63.9

*Depth strata <50 not sampled.

Appendix Table C-67. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1973.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	62.7	62.7
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	1.2	1.2
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	13.6	13.6
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.5	0.5
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.3	0.3
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.4	0.4
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	2.0	2.0
Total mt Landed	--	--	--	80.7	80.7

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-68. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1974.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	76.3	76.3
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	5.2	5.2
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	12.4	12.4
<i>S. diploproa</i>	--	--	--	0.1	0.1
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	5.0	5.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	45.1	45.1
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.1	0.1
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	144.2	144.2

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-69. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1975.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	5.2	29.8	80.7	9.4	125.1
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.2	0.8	0.1	1.1
<i>S. brevispinus</i>	0.0	0.0	0.6	0.0	0.6
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	1.7	12.6	11.0	1.1	26.4
<i>S. diploproa</i>	0.1	0.0	0.0	0.0	0.1
<i>S. elongatus</i>	0.0	0.0	0.9	0.5	1.4
<i>S. entomelas</i>	0.0	0.0	0.2	0.1	0.3
<i>S. flavidus</i>	0.0	0.0	0.4	0.4	0.8
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.7	0.8	1.5
<i>S. proriger</i>	0.1	0.0	0.1	0.0	0.2
<i>S. reedi</i>	0.1	0.0	0.1	0.0	0.2
<i>S. rubberimus</i>	0.2	0.0	0.0	0.0	0.2
<i>S. saxicola</i>	0.0	0.0	0.8	0.2	1.0
<i>S. zacentrus</i>	0.0	0.1	0.5	0.0	0.6
<i>S. alascanus</i>	0.0	3.1	0.7	0.0	3.8
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	0.0	0.0	0.1	0.2
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	7.5	45.8	97.5	12.7	163.5

Appendix Table C-70. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1976.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	28.5	13.6	133.8	0.0	175.9
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	5.2	4.1	35.3	0.0	44.6
<i>S. diploproa</i>	0.0	0.1	0.0	0.0	0.1
<i>S. elongatus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. entomelas</i>	0.0	0.0	0.5	0.0	0.5
<i>S. flavidus</i>	0.0	0.0	0.2	0.0	0.2
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	11.1	0.0	11.1
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. alascanus</i>	7.5	0.1	5.2	0.0	12.8
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	41.2	17.9	186.2	0.1	245.4

Appendix Table C-71. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1977.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	222.5	98.5	321.0
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.0	0.4	0.4
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	17.8	15.6	33.4
<i>S. diploproa</i>	--	--	0.0	0.4	0.4
<i>S. elongatus</i>	--	--	0.4	0.0	0.4
<i>S. entomelas</i>	--	--	0.0	1.3	1.3
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.4	0.4
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.4	0.4
<i>S. reedi</i>	--	--	2.5	3.9	6.4
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	1.9	0.4	2.3
<i>S. alascanus</i>	--	--	5.6	3.8	9.4
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.0	0.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	250.7	125.1	375.8

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-72. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1978.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	54.2	158.4	59.6	272.2
<i>S. aurora</i>	--	0.0	0.0	0.3	0.3
<i>S. babcocki</i>	--	0.0	1.5	0.1	1.6
<i>S. brevispinus</i>	--	0.0	0.2	1.4	1.6
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	1.0	1.6	2.2	4.8
<i>S. diploproa</i>	--	0.0	6.1	0.0	6.1
<i>S. elongatus</i>	--	0.0	3.5	0.7	4.2
<i>S. entomelas</i>	--	0.0	0.3	0.0	0.3
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	0.1	0.0	0.1
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.1	2.2	2.3
<i>S. pinniger</i>	--	0.2	1.3	0.1	1.6
<i>S. proriger</i>	--	0.0	1.3	0.0	1.3
<i>S. reedi</i>	--	0.0	0.3	0.0	0.3
<i>S. rubberimus</i>	--	0.0	0.6	0.0	0.6
<i>S. saxicola</i>	--	0.0	0.1	0.0	0.1
<i>S. zacentrus</i>	--	0.0	18.7	0.0	18.7
<i>S. alascanus</i>	--	0.8	3.6	0.8	5.2
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.1	0.1
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.1	0.1
Total mt Landed	--	56.2	197.7	67.6	321.5

*Depth strata <50 not sampled.

Appendix Table C-73. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1979.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	64.9	173.7	249.4	488.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.5	0.5
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. cramerii</i>	--	0.3	0.4	16.2	16.9
<i>S. diploproa</i>	--	0.0	0.0	0.5	0.5
<i>S. elongatus</i>	--	0.0	0.4	1.2	1.6
<i>S. entomelas</i>	--	0.0	4.9	0.0	4.9
<i>S. flavidus</i>	--	0.0	4.9	0.0	4.9
<i>S. helvomaculatus</i>	--	0.0	0.0	0.1	0.1
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	0.0	0.5	0.5
<i>S. reedi</i>	--	0.0	11.0	1.6	12.6
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	1.5	1.8	3.3
<i>S. alascanus</i>	--	0.2	3.4	1.9	5.5
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.1	5.9	1.1	7.1
Total mt Landed	--	65.5	206.1	274.8	546.4

*Depth strata <50 not sampled.

Appendix Table C-74. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1980.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	34.0	37.8	668.9	740.7
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.1	0.9	1.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	12.1	5.2	100.9	118.2
<i>S. diploproa</i>	--	1.7	0.6	7.3	9.6
<i>S. elongatus</i>	--	0.0	1.0	0.0	1.0
<i>S. entomelas</i>	--	0.0	0.3	1.6	1.9
<i>S. flavidus</i>	--	0.0	0.1	0.9	1.0
<i>S. helvomaculatus</i>	--	0.0	0.1	0.9	1.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.1	1.0	0.8	1.9
<i>S. reedi</i>	--	9.2	5.9	28.1	43.2
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.1	3.4	24.4	27.9
<i>S. alascanus</i>	--	0.0	0.7	4.1	4.8
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.1	4.7	4.8
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.1	4.7	4.8
Total mt Landed	--	57.2	56.4	848.2	961.8

*Depth strata <50 not sampled.

Appendix Table C-75. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1981.
 fm =fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	17.8	213.6	231.4
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.1	4.2	4.3
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	7.0	52.6	59.6
<i>S. diploproa</i>	--	--	1.5	15.3	16.8
<i>S. elongatus</i>	--	--	0.1	0.3	0.4
<i>S. entomelas</i>	--	--	0.1	0.8	0.9
<i>S. flavidus</i>	--	--	0.1	0.8	0.9
<i>S. helvomaculatus</i>	--	--	0.0	0.4	0.4
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.9	0.9
<i>S. reedi</i>	--	--	0.0	87.6	87.6
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.2	20.0	20.2
<i>S. alascanus</i>	--	--	0.0	3.9	3.9
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	4.7	4.7
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.2	3.7	3.9
Total mt Landed	--	--	27.1	408.8	435.9

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-76. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1982.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	4.8	68.0	55.7	128.5
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	1.6	0.4	2.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.4	14.0	28.4	42.8
<i>S. diploproa</i>	--	0.0	1.9	3.9	5.8
<i>S. elongatus</i>	--	1.2	3.1	0.2	4.5
<i>S. entomelas</i>	--	0.2	0.2	0.3	0.7
<i>S. flavidus</i>	--	0.0	0.1	0.0	0.1
<i>S. helvomaculatus</i>	--	0.0	0.0	0.1	0.1
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	8.2	3.9	12.1
<i>S. reedi</i>	--	0.0	0.1	4.6	4.7
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.1	6.9	4.4	11.4
<i>S. alascanus</i>	--	0.1	1.9	5.6	7.6
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.5	1.7	2.2
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.5	0.8	1.3
Total mt Landed	--	6.8	107.0	110.0	223.8

*Depth strata <50 not sampled.

Appendix Table C-77. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1983.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	8.0	62.0	73.3	143.3
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.1	0.8	1.2	2.1
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	8.7	10.2	18.9
<i>S. diploproa</i>	--	0.0	0.8	3.0	3.8
<i>S. elongatus</i>	--	0.0	5.1	0.2	5.3
<i>S. entomelas</i>	--	0.0	0.0	0.6	0.6
<i>S. flavidus</i>	--	0.0	0.8	0.9	1.7
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	5.2	1.1	6.3
<i>S. reedi</i>	--	0.0	0.1	1.8	1.9
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	9.0	2.4	11.4
<i>S. alascanus</i>	--	1.0	4.1	4.9	10.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.3	0.4	1.2	1.9
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	1.6	1.6	3.2
Total mt Landed	--	9.4	98.6	102.4	210.4

*Depth strata <50 not sampled.

Appendix Table C-78. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1984.
 fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	3.4	8.8	87.3	42.5	142.0
<i>S. aurora</i>	0.0	0.0	0.1	0.4	0.5
<i>S. babcocki</i>	0.1	0.0	0.4	3.4	3.9
<i>S. brevispinus</i>	0.1	0.0	0.4	0.2	0.7
<i>S. borealis</i>	0.0	0.0	0.0	9.7	9.7
<i>S. cramerii</i>	0.5	0.0	13.2	19.3	33.0
<i>S. diploproa</i>	0.3	0.0	2.1	3.7	6.1
<i>S. elongatus</i>	0.1	0.0	0.2	0.6	0.9
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.4	0.4
<i>S. melanops</i>	0.1	0.0	0.0	0.0	0.1
<i>S. paucispinus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. pinniger</i>	0.0	0.0	0.1	1.1	1.2
<i>S. proriger</i>	0.1	0.0	0.4	0.4	0.9
<i>S. reedi</i>	0.0	0.0	0.8	1.2	2.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.1	0.1
<i>S. zacentrus</i>	0.3	1.4	11.4	1.3	14.4
<i>S. alascanus</i>	0.4	0.0	13.9	6.5	20.8
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	0.0	0.0	4.1	4.2
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.1	0.5	0.6
Total mt Landed	5.5	10.2	130.5	95.5	241.7

Appendix Table C-79. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	3.8	4.6	81.1	155.8	245.3
<i>S. aurora</i>	0.0	0.0	0.0	0.1	0.1
<i>S. babcocki</i>	0.0	0.0	0.1	0.0	0.1
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.2	0.4	1.0	5.0	6.6
<i>S. diploproa</i>	0.1	0.0	0.7	2.2	3.0
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.1	0.1
<i>S. proriger</i>	0.0	0.0	0.1	0.0	0.1
<i>S. reedi</i>	0.1	0.0	0.8	2.5	3.4
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.1	0.0	1.1	1.5	2.7
<i>S. alascanus</i>	0.1	0.0	1.4	1.5	3.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	0.0	0.0	0.9	1.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	4.5	5.0	86.3	169.7	265.5

Appendix Table C-80. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	97.7	--	153.8	0.0	251.5
<i>S. aurora</i>	0.2	--	0.0	0.0	0.2
<i>S. babcocki</i>	0.1	--	0.0	0.0	0.1
<i>S. brevispinus</i>	0.7	--	0.0	0.4	1.1
<i>S. borealis</i>	0.1	--	0.0	1.3	1.4
<i>S. crameri</i>	0.3	--	1.3	4.0	5.6
<i>S. diploproa</i>	1.1	--	0.1	3.7	4.9
<i>S. elongatus</i>	0.1	--	0.0	0.0	0.1
<i>S. entomelas</i>	0.1	--	0.0	0.0	0.1
<i>S. flavidus</i>	0.6	--	0.0	0.0	0.6
<i>S. helvomaculatus</i>	0.0	--	0.0	0.1	0.1
<i>S. melanops</i>	0.4	--	0.0	0.0	0.4
<i>S. paucispinus</i>	0.4	--	0.0	0.0	0.4
<i>S. pinniger</i>	1.4	--	0.0	0.6	2.0
<i>S. proriger</i>	0.1	--	0.0	0.0	0.1
<i>S. reedi</i>	0.1	--	0.0	1.1	1.2
<i>S. rubberimus</i>	0.0	--	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	--	0.0	0.1	0.1
<i>S. zacentrus</i>	1.1	--	1.5	5.3	7.9
<i>S. alascanus</i>	0.0	--	0.0	0.2	0.2
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	--	0.1	0.0	0.2
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
Other	0.1	--	0.0	0.0	0.1
Total	104.7	--	156.8	16.8	278.3

*Depth strata 51-80 not sampled.

Appendix Table C-81. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	1.9	0.0	82.6	136.0	220.5
<i>S. aurora</i>	0.0	0.0	0.1	0.0	0.1
<i>S. babcocki</i>	0.0	0.0	0.0	0.4	0.4
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.1	0.0	0.0	0.6	0.7
<i>S. crameri</i>	0.1	0.5	0.4	2.3	3.3
<i>S. diploproa</i>	0.1	3.0	0.8	1.4	5.3
<i>S. elongatus</i>	0.0	3.1	0.1	0.1	3.3
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	0.0	0.8	0.0	0.8	1.6
<i>S. reedi</i>	0.2	0.0	1.6	8.6	10.4
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.1	0.1
<i>S. zacentrus</i>	0.1	0.1	0.2	1.0	1.4
<i>S. alascanus</i>	0.1	1.2	0.7	0.6	2.6
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	0.3	0.6	0.2	1.2
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	2.7	9.1	87.1	152.1	251.0

Appendix Table C-82. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	3.8	--	158.5	119.1	281.4
<i>S. aurora</i>	0.0	--	0.0	0.1	0.1
<i>S. babcocki</i>	0.0	--	0.0	0.1	0.1
<i>S. brevispinus</i>	0.0	--	1.1	0.0	1.1
<i>S. borealis</i>	0.0	--	0.0	0.0	0.0
<i>S. crameri</i>	0.0	--	1.2	0.3	1.5
<i>S. diploproa</i>	0.0	--	0.1	1.1	1.2
<i>S. elongatus</i>	0.0	--	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	--	0.1	0.0	0.1
<i>S. flavidus</i>	0.0	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	0.0	0.0	0.0
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	--	3.8	0.2	4.0
<i>S. proriger</i>	0.0	--	0.1	0.0	0.1
<i>S. reedi</i>	0.2	--	0.0	0.7	0.9
<i>S. rubberimus</i>	0.0	--	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	--	0.0	0.0	0.0
<i>S. zacentrus</i>	0.4	--	1.8	1.8	4.0
<i>S. alascanus</i>	0.0	--	0.0	0.1	0.1
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	--	0.3	0.4	0.7
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	4.4	--	167.0	123.9	295.3

*Depth strata 51-80 not sampled.

Appendix Table C-83. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	85.2	241.8	327.0
<i>S. aurora</i>	--	0.0	0.0	0.2	0.2
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	5.3	0.6	5.9
<i>S. diploproa</i>	--	0.0	0.3	1.1	1.4
<i>S. elongatus</i>	--	0.1	0.0	0.0	0.1
<i>S. entomelas</i>	--	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	0.0	0.1	0.1
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.1	0.1
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.6	0.6
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.7	1.3	2.0
<i>S. alascanus</i>	--	0.0	1.0	0.5	1.5
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.2	0.7	0.9
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	0.1	92.7	247.0	339.8

*Depth strata <50 not sampled.

Appendix Table C-84. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1990.
 fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	83.2	151.0	234.2
<i>S. aurora</i>	--	--	0.0	0.3	0.3
<i>S. babcocki</i>	--	--	0.0	0.0	0.0
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	1.1	1.3	2.4
<i>S. diploproa</i>	--	--	0.5	1.5	2.0
<i>S. elongatus</i>	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	0.0	0.1	0.1
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.1	0.1	0.2
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.5	0.3	0.8
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.5	0.7	1.2
<i>S. alascanus</i>	--	--	0.0	0.2	0.2
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.8	0.4	1.2
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	86.7	155.9	242.6

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-85. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	12.5	47.6	200.0	260.1
<i>S. aurora</i>	--	0.0	0.0	0.3	0.3
<i>S. babcocki</i>	--	0.0	0.0	0.3	0.3
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.4	0.9	1.3
<i>S. diploproa</i>	--	0.0	0.1	0.4	0.5
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	0.0	0.0	0.3	0.3
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	0.0	0.3	0.3
<i>S. reedi</i>	--	0.0	0.0	1.3	1.3
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	1.1	1.1
<i>S. alascanus</i>	--	0.0	0.0	0.3	0.3
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.3	0.3
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	--	0.0	0.0	0.3	0.3
<i>S. altivelis</i>	--	0.0	0.0	0.3	0.3
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	12.5	48.1	206.1	266.7

*Depth strata <50 not sampled.

Appendix Table C-86. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	187.3	187.3
<i>S. aurora</i>	--	--	--	0.2	0.2
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.8	0.8
<i>S. diploproa</i>	--	--	--	0.4	0.4
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.2	0.2
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.2	0.2
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.4	0.4
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.8	0.8
<i>S. alascanus</i>	--	--	--	0.2	0.2
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	1.0	1.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	191.5	191.5

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-87. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3A, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	92.9	139.4	232.3
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.0	0.0	0.0
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.5	1.7	2.2
<i>S. diploproa</i>	--	--	0.1	0.3	0.4
<i>S. elongatus</i>	--	--	0.2	0.0	0.2
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.1	0.3	0.4
<i>S. reedi</i>	--	--	1.3	0.1	1.4
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	1.3	0.1	1.4
<i>S. alascanus</i>	--	--	0.0	0.2	0.2
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.4	0.4
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	96.4	142.5	238.9

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-88. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3B, 1968.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	24.3	24.3
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.1	0.1
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	0.1	0.1
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.4	0.4
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	24.9	24.9

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-89. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3B, 1981.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	7.3	7.3
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	1.8	1.8
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.5	0.5
<i>S. diploproa</i>	--	--	--	0.3	0.3
<i>S. elongatus</i>	--	--	--	0.1	0.1
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.3	0.3
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.2	0.2
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	1.0	1.0
<i>S. alascanus</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	11.5	11.5

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-90. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3B, 1982.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	0.7	12.4	13.1
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.0	0.6	0.6
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.4	0.0	0.4
<i>S. crameri</i>	--	--	0.2	1.5	1.7
<i>S. diploproa</i>	--	--	0.1	1.9	2.0
<i>S. elongatus</i>	--	--	0.0	0.1	0.1
<i>S. entomelas</i>	--	--	0.0	0.2	0.2
<i>S. flavidus</i>	--	--	0.0	0.2	0.2
<i>S. helvomaculatus</i>	--	--	0.1	0.4	0.5
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.2	0.0	0.2
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.1	0.1
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.0	0.5	0.5
<i>S. alascanus</i>	--	--	0.1	4.1	4.2
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.0	0.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	1.8	22.0	23.8

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-91. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3B, 1983.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	4.4	1.0	24.6	30.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.1	0.0	1.4	1.5
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	2.1	0.2	2.4	4.7
<i>S. diploproa</i>	--	1.2	0.0	2.3	3.5
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	0.0	0.0	0.4	0.4
<i>S. flavidus</i>	--	0.0	0.0	0.1	0.1
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	0.0	1.2	1.2
<i>S. reedi</i>	--	0.0	0.0	0.7	0.7
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.2	0.0	1.7	1.9
<i>S. alascanus</i>	--	0.1	0.0	6.3	6.4
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	1.8	1.8
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.1	0.0	4.6	4.7
Total mt Landed	--	8.2	1.2	47.5	56.9

*Depth strata <50 not sampled.

Appendix Table C-92. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3B, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	8.1	--	36.2	33.3	77.6
<i>S. aurora</i>	0.1	--	0.0	0.1	0.2
<i>S. babcocki</i>	0.2	--	0.4	0.4	1.0
<i>S. brevispinus</i>	0.2	--	0.0	0.2	0.4
<i>S. borealis</i>	0.0	--	0.0	0.5	0.5
<i>S. crameri</i>	1.5	--	0.4	1.6	3.5
<i>S. diploproa</i>	0.6	--	0.9	0.9	2.4
<i>S. elongatus</i>	0.0	--	0.0	0.1	0.1
<i>S. entomelas</i>	0.0	--	0.0	0.1	0.1
<i>S. flavidus</i>	0.2	--	0.0	0.1	0.3
<i>S. helvomaculatus</i>	0.0	--	0.0	0.1	0.1
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	--	0.1	0.0	0.1
<i>S. proriger</i>	0.0	--	0.0	0.0	0.0
<i>S. reedi</i>	0.1	--	0.0	0.3	0.4
<i>S. rubberimus</i>	0.0	--	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	--	0.0	0.0	0.0
<i>S. zacentrus</i>	0.1	--	0.1	0.1	0.3
<i>S. alascanus</i>	0.1	--	0.8	4.0	4.9
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	0.2	--	0.0	0.6	0.8
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
Other	0.0	--	0.1	0.1	0.2
Total mt Landed	11.4	--	39.0	42.5	92.9

*Depth strata 51-80 not sampled.

Appendix Table C-93. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3B, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	92.0	92.0
<i>S. aurora</i>	--	--	--	0.5	0.5
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.1	0.1
<i>S. borealis</i>	--	--	--	0.8	0.8
<i>S. crameri</i>	--	--	--	6.6	6.6
<i>S. diploproa</i>	--	--	--	1.1	1.1
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.1	0.1
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	1.4	1.4
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.3	0.3
<i>S. alascanus</i>	--	--	--	0.6	0.6
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	7.2	7.2
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	110.7	110.7

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-94. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3B, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.6	--	--	80.5	81.1
<i>S. aurora</i>	0.0	--	--	0.1	0.1
<i>S. babcocki</i>	0.0	--	--	0.0	0.0
<i>S. brevispinus</i>	0.0	--	--	0.1	0.1
<i>S. borealis</i>	0.0	--	--	1.2	1.2
<i>S. crameri</i>	0.0	--	--	1.0	1.0
<i>S. diploproa</i>	0.0	--	--	1.9	1.9
<i>S. elongatus</i>	0.0	--	--	0.1	0.1
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.1	0.1
<i>S. helvomaculatus</i>	0.0	--	--	0.1	0.1
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.0	--	--	0.4	0.4
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.0	--	--	0.5	0.5
<i>S. alascanus</i>	0.0	--	--	1.2	1.2
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.0	--	--	3.3	3.3
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	0.6	--	--	90.5	91.1

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-95. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3B, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	5.1	--	--	51.4	56.5
<i>S. aurora</i>	0.0	--	--	0.2	0.2
<i>S. babcocki</i>	0.0	--	--	0.1	0.1
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. crameri</i>	0.1	--	--	1.4	1.5
<i>S. diploproa</i>	0.0	--	--	0.1	0.1
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.1	0.1
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.1	0.1
<i>S. proriger</i>	0.1	--	--	0.4	0.5
<i>S. reedi</i>	0.2	--	--	0.1	0.3
<i>S. rubberimus</i>	0.0	--	--	0.1	0.1
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.1	--	--	0.1	0.2
<i>S. alascanus</i>	0.0	--	--	0.2	0.2
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.0	--	--	0.2	0.2
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	5.6	--	--	54.5	60.1

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-96. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3B, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	68.2	68.2
<i>S. aurora</i>	--	--	--	0.1	0.1
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	2.8	2.8
<i>S. diploproa</i>	--	--	--	2.3	2.3
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.1	0.1
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	1.1	1.1
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.4	0.4
<i>S. alascanus</i>	--	--	--	0.1	0.1
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	1.5	1.5
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	76.6	76.6

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-97. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3B, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	90.7	90.7
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.1	0.1
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.6	0.6
<i>S. flavidus</i>	--	--	--	0.4	0.4
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.3	0.3
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	1.3	1.3
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	0.2	0.2
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	93.6	93.6

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-98. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3B, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	27.0	33.1	60.1
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.0	0.0	0.0
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. cramerii</i>	--	--	0.4	0.0	0.4
<i>S. diploproa</i>	--	--	0.0	0.3	0.3
<i>S. elongatus</i>	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.2	0.2
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.0	0.0	0.0
<i>S. alascanus</i>	--	--	0.0	0.1	0.1
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.1	0.0	0.1
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	27.5	33.7	61.2

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-99. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3B, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	24.4	285.3	309.7
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.0	0.3	0.3
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.0	1.3	1.3
<i>S. diploproa</i>	--	--	0.0	0.6	0.6
<i>S. elongatus</i>	--	--	0.0	0.3	0.3
<i>S. entomelas</i>	--	--	0.0	0.3	0.3
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.3	0.3
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.3	0.3
<i>S. reedi</i>	--	--	0.0	0.3	0.3
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.0	0.3	0.3
<i>S. alascanus</i>	--	--	0.0	0.3	0.3
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.0	0.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	24.4	289.6	314.0

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-100. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3B, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	17.3	230.9	248.2
<i>S. aurora</i>	--	--	0.0	0.3	0.3
<i>S. babcocki</i>	--	--	0.0	0.0	0.0
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.0	0.8	0.8
<i>S. diploproa</i>	--	--	0.0	0.3	0.3
<i>S. elongatus</i>	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.3	0.3
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.3	0.3
<i>S. reedi</i>	--	--	0.0	0.6	0.6
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.0	0.6	0.6
<i>S. alascanus</i>	--	--	0.0	0.6	0.6
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.3	0.3
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	17.3	235.0	252.3

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-101. Species composition of category 413 (Pacific ocean perch) landings (mt) by depth strata, PMFC area 3B, 1993.
 fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	0.0	247.1	247.1
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.0	0.5	0.5
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.0	1.0	1.0
<i>S. diploproa</i>	--	--	0.0	0.3	0.3
<i>S. elongatus</i>	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.5	0.5
<i>S. reedi</i>	--	--	0.0	1.0	1.0
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.1	1.9	2.0
<i>S. alascanus</i>	--	--	0.0	0.5	0.5
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	1.0	1.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	0.1	253.8	253.9

*Depth strata <50 & 51-120 not sampled.

Appendix Table C-102. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 1C, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. aurora</i>	0.0	0.0	0.0	0.1	0.1
<i>S. babcocki</i>	0.0	0.0	0.0	0.2	0.2
<i>S. brevispinus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.1	0.8	0.9
<i>S. diploproa</i>	0.0	0.0	0.0	0.2	0.2
<i>S. elongatus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. entomelas</i>	0.1	0.0	0.0	0.1	0.2
<i>S. flavidus</i>	1.2	0.6	0.5	0.0	2.3
<i>S. helvomaculatus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. melanops</i>	0.6	0.0	0.0	0.0	0.6
<i>S. paucispinus</i>	0.2	0.3	0.6	0.2	1.3
<i>S. pinniger</i>	2.1	1.3	1.2	0.0	4.6
<i>S. proriger</i>	0.0	0.0	0.0	0.1	0.1
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.6	0.2	0.1	0.0	0.9
<i>S. saxicola</i>	0.0	0.0	0.0	0.1	0.1
<i>S. zacentrus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.1	0.1	0.0	0.2
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.1	0.1
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	4.9	2.5	2.7	2.2	12.3

Appendix Table C-103. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 1C, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.7	--	--	0.0	0.7
<i>S. aurora</i>	0.1	--	--	0.0	0.1
<i>S. babcocki</i>	0.4	--	--	0.0	0.4
<i>S. brevispinus</i>	0.1	--	--	0.0	0.1
<i>S. borealis</i>	0.5	--	--	0.0	0.5
<i>S. crameri</i>	8.7	--	--	0.0	8.7
<i>S. diploproa</i>	0.9	--	--	0.0	0.9
<i>S. elongatus</i>	0.1	--	--	0.0	0.1
<i>S. entomelas</i>	0.1	--	--	0.0	0.1
<i>S. flavidus</i>	0.1	--	--	0.0	0.1
<i>S. helvomaculatus</i>	0.0	--	--	0.1	0.1
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.6	--	--	0.8	1.4
<i>S. pinniger</i>	1.4	--	--	0.0	1.4
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.3	--	--	0.0	0.3
<i>S. rubberimus</i>	0.3	--	--	0.1	0.4
<i>S. saxicola</i>	0.0	--	--	0.1	0.1
<i>S. zacentrus</i>	0.0	--	--	0.1	0.1
<i>S. alascanus</i>	0.3	--	--	0.0	0.3
<i>S. chlorostictus</i>	0.0	--	--	0.1	0.1
<i>S. aleutianus</i>	0.5	--	--	0.2	0.7
<i>S. goodei</i>	0.1	--	--	0.0	0.1
<i>S. melanostomus</i>	0.0	--	--	0.1	0.1
<i>S. rufus</i>	0.1	--	--	0.0	0.1
Other	0.0	--	--	0.0	0.0
Total mt Landed	15.3	--	--	1.6	16.9

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-104. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 1C, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.1	--	--	--	0.1
<i>S. aurora</i>	0.1	--	--	--	0.1
<i>S. babcocki</i>	0.2	--	--	--	0.2
<i>S. brevispinus</i>	0.1	--	--	--	0.1
<i>S. borealis</i>	0.1	--	--	--	0.1
<i>S. crameri</i>	0.3	--	--	--	0.3
<i>S. diploproa</i>	0.2	--	--	--	0.2
<i>S. elongatus</i>	0.1	--	--	--	0.1
<i>S. entomelas</i>	0.1	--	--	--	0.1
<i>S. flavidus</i>	0.1	--	--	--	0.1
<i>S. helvomaculatus</i>	0.1	--	--	--	0.1
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.3	--	--	--	0.3
<i>S. pinniger</i>	0.6	--	--	--	0.6
<i>S. proriger</i>	0.1	--	--	--	0.1
<i>S. reedi</i>	0.1	--	--	--	0.1
<i>S. rubberimus</i>	0.1	--	--	--	0.1
<i>S. saxicola</i>	0.1	--	--	--	0.1
<i>S. zacentrus</i>	0.1	--	--	--	0.1
<i>S. alascanus</i>	0.1	--	--	--	0.1
<i>S. chlorostictus</i>	0.1	--	--	--	0.1
<i>S. aleutianus</i>	0.1	--	--	--	0.1
<i>S. goodei</i>	0.1	--	--	--	0.1
<i>S. wilsoni</i>	0.1	--	--	--	0.1
Other	0.0	--	--	--	0.0
Total mt Landed	3.4	--	--	--	3.4

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-105. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1968.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.0	--	--	--	0.0
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. crameri</i>	0.0	--	--	--	0.0
<i>S. diploproa</i>	0.0	--	--	--	0.0
<i>S. elongatus</i>	0.0	--	--	--	0.0
<i>S. entomelas</i>	0.0	--	--	--	0.0
<i>S. flavidus</i>	0.4	--	--	--	0.4
<i>S. helvomaculatus</i>	0.0	--	--	--	0.0
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	0.0	--	--	--	0.0
<i>S. proriger</i>	0.0	--	--	--	0.0
<i>S. reedi</i>	0.0	--	--	--	0.0
<i>S. rubberimus</i>	0.0	--	--	--	0.0
<i>S. saxicola</i>	0.0	--	--	--	0.0
<i>S. zacentrus</i>	0.0	--	--	--	0.0
<i>S. alascanus</i>	7.5	--	--	--	7.5
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	7.9	--	--	--	7.9

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-106. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1969.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.6	0.0	0.3	--	0.9
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	1.2	0.6	3.9	--	5.7
<i>S. brevispinus</i>	0.0	0.1	0.0	--	0.1
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	5.2	3.4	1.8	--	10.4
<i>S. diploproa</i>	0.0	0.0	3.4	--	3.4
<i>S. elongatus</i>	0.0	0.0	0.0	--	0.0
<i>S. entomelas</i>	0.0	0.0	0.0	--	0.0
<i>S. flavidus</i>	9.1	16.9	5.4	--	31.4
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	0.1	1.3	0.0	--	1.4
<i>S. paucispinus</i>	2.7	4.0	2.4	--	9.1
<i>S. pinniger</i>	9.6	9.9	1.0	--	20.5
<i>S. proriger</i>	0.3	0.9	0.3	--	1.5
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	2.7	2.7	0.0	--	5.4
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	--	0.0
<i>S. alascanus</i>	6.1	0.3	2.7	--	9.1
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	37.6	40.1	21.2	--	98.9

*Depth strata >120 not sampled.

Appendix Table C-107. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1971.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.1	1.3	--	1.4
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	1.4	5.6	--	7.0
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.1	1.3	--	1.4
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.1	--	0.1
<i>S. elongatus</i>	--	0.0	7.0	--	7.0
<i>S. entomelas</i>	--	0.1	1.3	--	1.4
<i>S. flavidus</i>	--	1.4	12.7	--	14.1
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	4.2	--	4.2
<i>S. pinniger</i>	--	14.1	14.1	--	28.2
<i>S. proriger</i>	--	0.0	0.0	--	0.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.1	1.3	--	1.4
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	15.4	--	15.4
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	17.3	64.3	--	81.6

*Depth strata <50 & >120 not sampled.

Appendix Table C-108. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1979.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120*	
<i>S. alutus</i>	--	0.0	--	--	0.0
<i>S. aurora</i>	--	0.0	--	--	0.0
<i>S. babcocki</i>	--	0.0	--	--	0.0
<i>S. brevispinus</i>	--	0.0	--	--	0.0
<i>S. borealis</i>	--	0.0	--	--	0.0
<i>S. crameri</i>	--	91.2	--	--	91.2
<i>S. diploproa</i>	--	156.4	--	--	156.4
<i>S. elongatus</i>	--	0.0	--	--	0.0
<i>S. entomelas</i>	--	0.0	--	--	0.0
<i>S. flavidus</i>	--	0.0	--	--	0.0
<i>S. helvomaculatus</i>	--	0.0	--	--	0.0
<i>S. melanops</i>	--	0.0	--	--	0.0
<i>S. paucispinus</i>	--	207.1	--	--	207.1
<i>S. pinniger</i>	--	0.0	--	--	0.0
<i>S. proriger</i>	--	0.0	--	--	0.0
<i>S. reedi</i>	--	149.0	--	--	149.0
<i>S. rubberimus</i>	--	0.0	--	--	0.0
<i>S. saxicola</i>	--	0.0	--	--	0.0
<i>S. zacentrus</i>	--	0.0	--	--	0.0
<i>S. alascanus</i>	--	0.0	--	--	0.0
<i>S. chlorostictus</i>	--	0.0	--	--	0.0
<i>S. aleutianus</i>	--	0.0	--	--	0.0
<i>S. goodei</i>	--	0.0	--	--	0.0
Other	--	0.0	--	--	0.0
Total mt Landed	--	603.7	--	--	603.7

*Depth strata <50, 81-120 & >120 not sampled.

Appendix Table C-109. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1980.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120	
<i>S. alutus</i>	--	0.0	--	0.0	0.0
<i>S. aurora</i>	--	0.0	--	0.0	0.0
<i>S. babcocki</i>	--	0.0	--	3.8	3.8
<i>S. brevispinus</i>	--	0.0	--	0.0	0.0
<i>S. borealis</i>	--	0.0	--	0.0	0.0
<i>S. crameri</i>	--	0.0	--	4.8	4.8
<i>S. diploproa</i>	--	0.0	--	5.4	5.4
<i>S. elongatus</i>	--	0.0	--	0.0	0.0
<i>S. entomelas</i>	--	39.6	--	0.0	39.6
<i>S. flavidus</i>	--	128.3	--	13.3	141.6
<i>S. helvomaculatus</i>	--	0.0	--	0.0	0.0
<i>S. melanops</i>	--	11.7	--	0.0	11.7
<i>S. paucispinus</i>	--	41.4	--	3.9	45.3
<i>S. pinniger</i>	--	50.0	--	1.2	51.2
<i>S. proriger</i>	--	0.0	--	0.0	0.0
<i>S. reedi</i>	--	0.0	--	7.3	7.3
<i>S. rubberimus</i>	--	3.7	--	0.1	3.8
<i>S. saxicola</i>	--	0.0	--	0.0	0.0
<i>S. zacentrus</i>	--	0.0	--	0.0	0.0
<i>S. alascanus</i>	--	0.0	--	0.0	0.0
<i>S. chlorostictus</i>	--	2.1	--	0.1	2.2
<i>S. aleutianus</i>	--	0.0	--	0.0	0.0
<i>S. goodei</i>	--	0.0	--	0.0	0.0
Other	--	0.1	--	0.0	0.1
Total mt Landed	--	276.9	--	39.9	316.8

*Depth strata <50 & 81-120 not sampled.

Appendix Table C-110. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1981.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.0	0.4	0.4
<i>S. aurora</i>	--	0.0	0.0	0.4	0.4
<i>S. babcocki</i>	--	1.2	0.0	2.1	3.3
<i>S. brevispinus</i>	--	0.0	0.0	0.1	0.1
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.1	0.0	1.4	1.5
<i>S. diploproa</i>	--	0.1	0.0	0.6	0.7
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	31.1	0.9	9.1	41.1
<i>S. flavidus</i>	--	167.0	3.0	26.1	196.1
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	11.9	0.5	5.7	18.1
<i>S. pinniger</i>	--	62.4	0.2	13.7	76.3
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.1	0.1
<i>S. rubberimus</i>	--	0.5	0.0	1.0	1.5
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	4.6	0.0	12.0	16.6
<i>S. chlorostictus</i>	--	0.8	0.0	1.4	2.2
<i>S. aleutianus</i>	--	10.4	0.0	0.7	11.1
<i>S. goodei</i>	--	0.0	0.0	0.4	0.4
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	290.1	4.6	75.2	369.9

*Depth strata <50 not sampled.

Appendix Table C-111. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1982.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.0	--	0.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	2.6	1.4	--	4.0
<i>S. brevispinus</i>	0.0	0.1	0.0	--	0.1
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	2.0	2.0	--	4.0
<i>S. diploproa</i>	0.0	1.3	0.0	--	1.3
<i>S. elongatus</i>	0.0	8.5	0.7	--	9.2
<i>S. entomelas</i>	0.0	3.8	1.5	--	5.3
<i>S. flavidus</i>	1.9	181.2	26.0	--	209.1
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	67.3	0.0	0.0	--	67.3
<i>S. paucispinus</i>	0.0	32.0	22.1	--	54.1
<i>S. pinniger</i>	13.7	857.9	63.5	--	935.1
<i>S. proriger</i>	0.0	1.1	0.2	--	1.3
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	8.7	3.2	--	11.9
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	--	0.0
<i>S. alascanus</i>	0.0	1.3	0.0	--	1.3
<i>S. chlorostictus</i>	0.0	9.2	4.0	--	13.2
<i>S. aleutianus</i>	0.0	0.1	0.0	--	0.1
<i>S. goodei</i>	0.0	0.0	1.3	--	1.3
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	82.9	1,109.8	125.9	--	1,318.6

*Depth strata >120 not sampled.

Appendix Table C-112. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1983.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.8	0.1	0.1	1.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.2	2.7	2.9
<i>S. brevispinus</i>	0.0	0.0	3.3	1.6	4.9
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.3	5.6	5.9
<i>S. diploproa</i>	0.0	0.0	0.0	0.1	0.1
<i>S. elongatus</i>	0.0	9.5	0.3	0.0	9.8
<i>S. entomelas</i>	0.0	5.8	6.2	1.7	13.7
<i>S. flavidus</i>	0.9	310.9	102.0	2.4	416.2
<i>S. helvomaculatus</i>	0.0	1.6	0.3	0.1	2.0
<i>S. melanops</i>	20.6	0.0	0.0	0.0	20.6
<i>S. paucispinus</i>	0.0	71.1	120.0	6.2	197.3
<i>S. pinniger</i>	2.1	138.5	93.5	5.3	239.4
<i>S. proriger</i>	0.0	0.5	0.5	0.0	1.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	6.8	1.3	0.7	8.8
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	2.0	0.0	0.0	2.0
<i>S. alascanus</i>	0.0	0.0	0.0	31.4	31.4
<i>S. chlorostictus</i>	0.0	1.0	15.2	0.5	16.7
<i>S. aleutianus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. goodei</i>	0.0	4.3	2.6	0.0	6.9
Other	0.0	0.0	1.0	0.0	1.0
Total mt Landed	23.6	552.8	346.9	58.4	981.7

Appendix Table C-113. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.2	0.0	2.3	1.8	4.3
<i>S. aurora</i>	0.0	0.0	0.1	0.1	0.2
<i>S. babcocki</i>	0.9	0.1	4.0	3.6	8.6
<i>S. brevispinus</i>	0.1	0.1	1.2	0.6	2.0
<i>S. borealis</i>	0.0	0.0	0.0	0.1	0.1
<i>S. cramerii</i>	1.4	0.0	15.7	51.5	68.6
<i>S. diploproa</i>	0.3	0.0	0.4	2.0	2.7
<i>S. elongatus</i>	0.1	0.0	0.5	2.5	3.1
<i>S. entomelas</i>	5.5	6.9	1.5	2.2	16.1
<i>S. flavidus</i>	4.5	11.3	33.5	1.6	50.9
<i>S. helvomaculatus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. melanops</i>	0.1	0.0	0.0	0.0	0.1
<i>S. paucispinus</i>	4.5	0.9	42.7	21.6	69.7
<i>S. pinniger</i>	1.0	6.4	7.9	11.7	27.0
<i>S. proriger</i>	0.1	0.0	0.0	0.0	0.1
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.2	1.4	0.0	0.5	2.1
<i>S. saxicola</i>	0.1	0.0	0.0	0.0	0.1
<i>S. zacentrus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. alascanus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. chlorostictus</i>	0.3	0.4	3.5	2.6	6.8
<i>S. aleutianus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. goodei</i>	0.1	0.0	0.8	0.0	0.9
<i>S. nigrocinctus</i>	0.3	0.0	0.0	0.0	0.3
<i>S. melanostomus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. wilsoni</i>	0.1	0.0	0.0	0.0	0.1
<i>S. rufus</i>	0.0	0.0	0.0	0.1	0.1
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	19.8	27.6	114.1	102.9	264.4

Appendix Table C-114. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.3	0.1	1.2	6.8	8.4
<i>S. aurora</i>	0.0	0.0	0.1	0.8	0.9
<i>S. babcocki</i>	0.4	0.2	2.6	3.2	6.4
<i>S. brevispinus</i>	0.0	0.0	0.1	0.2	0.3
<i>S. borealis</i>	0.1	0.1	0.5	2.7	3.4
<i>S. crameri</i>	2.0	0.3	20.0	64.7	87.0
<i>S. diploproa</i>	0.2	0.1	2.1	5.4	7.8
<i>S. elongatus</i>	0.2	0.0	0.0	0.3	0.5
<i>S. entomelas</i>	0.3	0.0	0.6	0.3	1.2
<i>S. flavidus</i>	0.2	0.0	0.4	0.2	0.8
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. melanops</i>	0.2	0.0	0.0	0.0	0.2
<i>S. paucispinus</i>	0.8	0.6	6.3	3.0	10.7
<i>S. pinniger</i>	1.6	4.3	19.8	4.9	30.6
<i>S. proriger</i>	0.0	0.0	0.1	0.0	0.1
<i>S. reedi</i>	0.0	0.0	0.0	1.4	1.4
<i>S. rubberimus</i>	0.3	0.6	5.4	0.8	7.1
<i>S. saxicola</i>	0.0	0.0	0.1	0.1	0.2
<i>S. zacentrus</i>	0.0	0.0	0.0	0.4	0.4
<i>S. alascanus</i>	0.1	0.0	0.0	2.1	2.2
<i>S. chlorostictus</i>	0.2	0.7	1.6	0.3	2.8
<i>S. aleutianus</i>	0.1	0.0	0.8	2.6	3.5
<i>S. goodei</i>	0.1	0.0	0.3	0.1	0.5
<i>S. melanostomus</i>	0.0	0.0	0.1	0.4	0.5
<i>S. rufus</i>	0.0	0.0	0.0	0.3	0.3
Other	0.0	0.0	0.0	0.1	0.1
Total mt Landed	7.1	7.0	62.1	101.2	177.4

Appendix Table C-115. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120	
<i>S. alutus</i>	0.7	0.1	--	0.2	1.0
<i>S. aurora</i>	0.1	0.0	--	0.3	0.4
<i>S. babcocki</i>	2.6	0.8	--	2.6	6.0
<i>S. brevispinus</i>	0.4	0.0	--	0.1	0.5
<i>S. borealis</i>	0.0	0.0	--	0.1	0.1
<i>S. crameri</i>	4.2	0.2	--	12.3	16.7
<i>S. diploproa</i>	1.0	0.0	--	5.0	6.0
<i>S. elongatus</i>	0.0	0.1	--	0.1	0.2
<i>S. entomelas</i>	0.2	0.0	--	0.0	0.2
<i>S. flavidus</i>	0.1	0.0	--	0.0	0.1
<i>S. helvomaculatus</i>	0.1	0.0	--	0.3	0.4
<i>S. melanops</i>	1.8	0.0	--	0.0	1.8
<i>S. paucispinus</i>	4.8	4.7	--	0.9	10.4
<i>S. pinniger</i>	16.6	36.8	--	0.1	53.5
<i>S. proriger</i>	0.1	0.0	--	0.1	0.2
<i>S. reedi</i>	0.1	0.0	--	0.0	0.1
<i>S. rubberimus</i>	2.7	1.5	--	0.0	4.2
<i>S. saxicola</i>	0.1	0.0	--	0.2	0.3
<i>S. zacentrus</i>	0.2	0.6	--	0.0	0.8
<i>S. alascanus</i>	0.1	0.0	--	0.0	0.1
<i>S. chlorostictus</i>	3.0	0.3	--	0.0	3.3
<i>S. aleutianus</i>	0.4	0.6	--	0.2	1.2
<i>S. goodei</i>	0.3	0.7	--	0.0	1.0
<i>S. nigrocinctus</i>	0.1	0.0	--	0.0	0.1
<i>S. wilsoni</i>	0.1	0.0	--	0.0	0.1
Other	0.4	0.0	--	0.0	0.4
Total mt Landed	40.2	46.4	--	22.5	109.1

*Depth strata 81-120 not sampled.

Appendix Table C-116. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	0.2	--	1.3	1.8	3.3
<i>S. aurora</i>	0.0	--	0.0	0.0	0.0
<i>S. babcocki</i>	0.1	--	5.6	0.1	5.8
<i>S. brevispinus</i>	0.1	--	0.0	0.0	0.1
<i>S. borealis</i>	0.0	--	0.0	0.0	0.0
<i>S. cramerii</i>	6.7	--	7.3	38.9	52.9
<i>S. diploproa</i>	0.3	--	0.0	1.0	1.3
<i>S. elongatus</i>	0.3	--	0.0	0.2	0.5
<i>S. entomelas</i>	0.4	--	0.3	0.6	1.3
<i>S. flavidus</i>	0.5	--	5.4	0.0	5.9
<i>S. helvomaculatus</i>	0.1	--	0.0	0.0	0.1
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	0.9	--	8.9	1.4	11.2
<i>S. pinniger</i>	11.9	--	49.6	2.9	64.4
<i>S. proriger</i>	0.1	--	0.1	0.0	0.2
<i>S. reedi</i>	0.1	--	0.0	0.0	0.1
<i>S. rubberimus</i>	0.2	--	1.2	0.0	1.4
<i>S. saxicola</i>	0.1	--	0.0	0.0	0.1
<i>S. zacentrus</i>	0.0	--	0.1	0.0	0.1
<i>S. alascanus</i>	0.1	--	0.0	0.1	0.2
<i>S. chlorostictus</i>	0.0	--	0.2	0.0	0.2
<i>S. aleutianus</i>	1.5	--	0.0	1.8	3.3
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
<i>S. wilsoni</i>	0.0	--	0.1	0.0	0.1
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	23.6	--	80.1	48.8	152.5

*Depth strata 51-80 not sampled.

Appendix Table C-117. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	1.5	2.2	3.7
<i>S. aurora</i>	--	--	0.0	2.1	2.1
<i>S. babcocki</i>	--	--	3.4	4.8	8.2
<i>S. brevispinus</i>	--	--	1.5	0.0	1.5
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	2.3	69.0	71.3
<i>S. diploproa</i>	--	--	2.0	0.8	2.8
<i>S. elongatus</i>	--	--	0.0	0.6	0.6
<i>S. entomelas</i>	--	--	2.1	0.3	2.4
<i>S. flavidus</i>	--	--	16.4	0.2	16.6
<i>S. helvomaculatus</i>	--	--	0.0	0.1	0.1
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	12.1	4.2	16.3
<i>S. pinniger</i>	--	--	4.7	0.1	4.8
<i>S. proriger</i>	--	--	0.3	0.0	0.3
<i>S. reedi</i>	--	--	0.3	0.0	0.3
<i>S. rubberimus</i>	--	--	1.3	2.0	3.3
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.0	0.1	0.1
<i>S. alascanus</i>	--	--	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.4	0.7	1.1
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	48.3	87.2	135.5

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-118. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.4	0.4	--	0.8
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	2.6	--	2.6
<i>S. brevispinus</i>	--	0.0	1.7	--	1.7
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.1	0.0	--	0.1
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.1	0.0	--	0.1
<i>S. entomelas</i>	--	0.0	3.4	--	3.4
<i>S. flavidus</i>	--	0.0	10.1	--	10.1
<i>S. helvomaculatus</i>	--	0.1	0.0	--	0.1
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	10.1	6.2	--	16.3
<i>S. pinniger</i>	--	42.6	31.4	--	74.0
<i>S. proriger</i>	--	0.0	0.1	--	0.1
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	1.6	1.1	--	2.7
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.2	--	0.2
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.1	0.0	--	0.1
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	55.1	57.2	--	112.3

*Depth strata <50 & >120 not sampled.

Appendix Table C-119. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.1	--	0.1
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.1	--	0.1
<i>S. diploproa</i>	--	0.0	2.6	--	2.6
<i>S. elongatus</i>	--	0.0	0.2	--	0.2
<i>S. entomelas</i>	--	0.0	0.4	--	0.4
<i>S. flavidus</i>	--	40.2	0.2	--	40.4
<i>S. helvomaculatus</i>	--	0.0	0.1	--	0.1
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	15.7	0.3	--	16.0
<i>S. pinniger</i>	--	35.3	0.9	--	36.2
<i>S. proriger</i>	--	0.0	0.0	--	0.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.9	0.0	--	0.9
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.1	--	0.1
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	92.1	5.0	--	97.1

*Depth strata <50 & >120 not sampled.

Appendix Table C-120. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120	
<i>S. alutus</i>	0.0	0.0	--	0.3	0.3
<i>S. aurora</i>	0.0	0.1	--	0.1	0.2
<i>S. babcocki</i>	0.0	0.0	--	1.2	1.2
<i>S. brevispinus</i>	0.0	0.0	--	0.0	0.0
<i>S. borealis</i>	0.0	0.0	--	0.0	0.0
<i>S. crameri</i>	0.0	0.1	--	4.8	4.9
<i>S. diploproa</i>	0.0	0.4	--	1.7	2.1
<i>S. elongatus</i>	0.0	0.2	--	0.0	0.2
<i>S. entomelas</i>	0.0	1.8	--	0.2	2.0
<i>S. flavidus</i>	0.1	3.5	--	0.0	3.6
<i>S. helvomaculatus</i>	0.0	0.1	--	0.0	0.1
<i>S. melanops</i>	1.7	0.0	--	0.0	1.7
<i>S. paucispinus</i>	0.0	0.1	--	3.0	3.1
<i>S. pinniger</i>	0.5	8.3	--	0.0	8.8
<i>S. proriger</i>	0.0	0.0	--	0.0	0.0
<i>S. reedi</i>	0.0	0.0	--	0.0	0.0
<i>S. rubberimus</i>	0.0	1.4	--	0.0	1.4
<i>S. saxicola</i>	0.0	0.2	--	0.1	0.3
<i>S. zacentrus</i>	0.0	0.0	--	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	--	0.1	0.1
<i>S. chlorostictus</i>	0.0	0.7	--	0.0	0.7
<i>S. aleutianus</i>	0.0	0.1	--	0.3	0.4
<i>S. goodei</i>	0.0	0.0	--	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.0	--	0.0	0.0
<i>S. melanostomus</i>	0.0	0.1	--	0.0	0.1
<i>S. rufus</i>	0.0	0.0	--	0.1	0.1
<i>S. mystinus</i>	0.2	0.1	--	0.0	0.3
<i>S. jordani</i>	0.0	0.0	--	0.1	0.1
Other	0.0	0.0	--	0.0	0.0
Total mt Landed	2.5	17.2	--	12.0	31.7

*Depth strata 81-120 not sampled.

Appendix Table C-121. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.0	1.2	1.2
<i>S. aurora</i>	0.0	0.0	0.0	0.4	0.4
<i>S. babcocki</i>	0.0	0.1	0.0	0.4	0.5
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.6	0.0	5.9	6.5
<i>S. diploproa</i>	0.0	0.0	0.0	0.4	0.4
<i>S. elongatus</i>	0.0	0.1	0.1	0.1	0.3
<i>S. entomelas</i>	0.1	0.0	0.0	0.2	0.3
<i>S. flavidus</i>	1.4	0.4	0.1	0.1	2.0
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. melanops</i>	29.2	1.3	0.0	0.0	30.5
<i>S. paucispinus</i>	0.1	0.0	0.0	0.6	0.7
<i>S. pinniger</i>	9.1	15.4	0.1	0.5	25.1
<i>S. proriger</i>	0.0	0.1	0.0	0.0	0.1
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	6.3	4.1	0.0	0.0	10.4
<i>S. saxicola</i>	0.0	0.0	0.0	0.1	0.1
<i>S. zacentrus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. alascanus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. chlorostictus</i>	0.0	0.3	0.1	0.0	0.4
<i>S. aleutianus</i>	0.0	0.1	0.0	0.2	0.3
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. melanostomus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. rufus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. maliger</i>	0.4	0.2	0.0	0.0	0.6
<i>S. mystinus</i>	6.2	0.7	0.0	0.0	6.9
<i>S. rosaceus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. caurinus</i>	0.2	0.0	0.0	0.0	0.2
<i>S. nebulosus</i>	0.3	0.0	0.0	0.0	0.3
Other	0.0	0.0	0.0	0.6	0.6
Total mt Landed	53.4	23.4	0.4	11.3	88.5

Appendix Table C-122. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2A, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.1	0.0	0.3	0.4
<i>S. aurora</i>	0.0	0.2	0.0	0.2	0.4
<i>S. babcocki</i>	0.0	0.3	0.3	0.6	1.2
<i>S. brevispinus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. borealis</i>	0.0	0.0	1.6	0.1	1.7
<i>S. crameri</i>	0.0	0.8	1.9	4.9	7.6
<i>S. diploproa</i>	0.0	0.1	0.0	0.1	0.2
<i>S. elongatus</i>	0.0	0.9	0.4	0.0	1.3
<i>S. entomelas</i>	0.5	2.4	1.1	0.4	4.4
<i>S. flavidus</i>	1.3	7.1	1.8	0.7	10.9
<i>S. helvomaculatus</i>	0.0	0.2	0.0	0.0	0.2
<i>S. melanops</i>	8.6	0.7	0.0	0.0	9.3
<i>S. paucispinus</i>	0.1	4.4	0.5	0.1	5.1
<i>S. pinniger</i>	13.9	35.4	4.4	1.9	55.6
<i>S. proriger</i>	0.0	1.5	0.0	0.0	1.5
<i>S. reedi</i>	0.0	0.0	0.0	0.1	0.1
<i>S. rubberimus</i>	4.9	13.5	0.0	0.2	18.6
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.2	0.2	0.4
<i>S. alascanus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. chlorostictus</i>	0.8	1.9	4.3	0.2	7.2
<i>S. aleutianus</i>	0.0	0.0	0.7	0.1	0.8
<i>S. goodei</i>	0.0	0.2	0.0	0.0	0.2
<i>S. nigrocinctus</i>	0.2	0.0	0.0	0.0	0.2
<i>S. melanostomus</i>	0.3	1.2	0.0	0.1	1.6
<i>S. maliger</i>	0.2	0.2	0.0	0.0	0.4
<i>S. mystinus</i>	3.1	0.0	0.0	0.0	3.1
<i>S. rosaceus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. caurinus</i>	0.1	0.1	0.0	0.0	0.2
<i>S. nebulosus</i>	0.1	0.0	0.0	0.0	0.1
Other	0.1	0.0	0.0	0.0	0.1
Total mt Landed	34.2	71.3	17.2	10.4	133.1

Appendix Table C-123. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1963.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	18.8	15.6	68.0	102.4
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	8.8	3.3	16.9	29.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	18.3	9.3	86.2	113.8
<i>S. diploproa</i>	--	0.0	0.0	8.4	8.4
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	0.0	0.0	0.4	0.4
<i>S. flavidus</i>	--	8.3	12.4	4.8	25.5
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	13.5	9.6	5.5	28.6
<i>S. pinniger</i>	--	44.7	46.1	40.4	131.2
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.1	0.0	0.1
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.1	0.0	0.1
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.4	0.0	0.4
Total mt Landed	--	112.4	96.9	230.6	439.9

*Depth strata <50 not sampled.

Appendix Table C-124. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1965.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120*	
<i>S. alutus</i>	--	--	0.0	--	0.0
<i>S. aurora</i>	--	--	0.0	--	0.0
<i>S. babcocki</i>	--	--	0.0	--	0.0
<i>S. brevispinus</i>	--	--	0.0	--	0.0
<i>S. borealis</i>	--	--	0.0	--	0.0
<i>S. crameri</i>	--	--	51.0	--	51.0
<i>S. diploproa</i>	--	--	0.0	--	0.0
<i>S. elongatus</i>	--	--	0.0	--	0.0
<i>S. entomelas</i>	--	--	0.0	--	0.0
<i>S. flavidus</i>	--	--	12.1	--	12.1
<i>S. helvomaculatus</i>	--	--	0.0	--	0.0
<i>S. melanops</i>	--	--	0.0	--	0.0
<i>S. paucispinus</i>	--	--	12.1	--	12.1
<i>S. pinniger</i>	--	--	126.4	--	126.4
<i>S. proriger</i>	--	--	0.0	--	0.0
<i>S. reedi</i>	--	--	0.0	--	0.0
<i>S. rubberimus</i>	--	--	51.0	--	51.0
<i>S. saxicola</i>	--	--	0.0	--	0.0
<i>S. zacentrus</i>	--	--	0.0	--	0.0
<i>S. alascanus</i>	--	--	0.0	--	0.0
<i>S. chlorostictus</i>	--	--	0.0	--	0.0
<i>S. aleutianus</i>	--	--	0.0	--	0.0
<i>S. goodei</i>	--	--	0.0	--	0.0
Other	--	--	0.0	--	0.0
Total mt Landed	--	--	252.6	--	252.6

*Depth strata <50, 51-80 & >120 not sampled.

Appendix Table C-125. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1966.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120*	
<i>S. alutus</i>	0.0	--	0.0	--	0.0
<i>S. aurora</i>	0.0	--	0.0	--	0.0
<i>S. babcocki</i>	0.1	--	0.0	--	0.1
<i>S. brevispinus</i>	0.0	--	0.0	--	0.0
<i>S. borealis</i>	0.0	--	0.0	--	0.0
<i>S. crameri</i>	0.0	--	0.0	--	0.0
<i>S. diploproa</i>	0.1	--	0.0	--	0.1
<i>S. elongatus</i>	0.0	--	0.0	--	0.0
<i>S. entomelas</i>	0.0	--	0.0	--	0.0
<i>S. flavidus</i>	20.7	--	0.0	--	20.7
<i>S. helvomaculatus</i>	0.0	--	0.0	--	0.0
<i>S. melanops</i>	187.3	--	0.0	--	187.3
<i>S. paucispinus</i>	2.6	--	0.0	--	2.6
<i>S. pinniger</i>	25.6	--	86.5	--	112.1
<i>S. proriger</i>	0.0	--	0.0	--	0.0
<i>S. reedi</i>	0.0	--	0.0	--	0.0
<i>S. rubberimus</i>	0.0	--	0.0	--	0.0
<i>S. saxicola</i>	0.0	--	0.0	--	0.0
<i>S. zacentrus</i>	0.0	--	0.0	--	0.0
<i>S. alascanus</i>	0.0	--	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	--	0.0	--	0.0
<i>S. aleutianus</i>	0.0	--	0.0	--	0.0
<i>S. goodei</i>	0.0	--	0.0	--	0.0
Other	0.0	--	0.0	--	0.0
Total mt Landed	236.4	--	86.5	--	322.9

*Depth strata 51-80 & >120 not sampled.

Appendix Table C-126. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1967.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	0.0	--	0.4	7.4	7.8
<i>S. aurora</i>	0.0	--	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	--	1.5	0.0	1.5
<i>S. brevispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. borealis</i>	0.0	--	0.0	0.0	0.0
<i>S. crameri</i>	0.0	--	0.3	103.5	103.8
<i>S. diploproa</i>	0.0	--	5.0	41.3	46.3
<i>S. elongatus</i>	0.0	--	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	--	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	--	0.0	0.8	0.8
<i>S. helvomaculatus</i>	0.0	--	0.0	0.0	0.0
<i>S. melanops</i>	0.8	--	0.0	0.0	0.8
<i>S. paucispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	--	0.0	0.0	0.0
<i>S. proriger</i>	0.0	--	0.0	0.0	0.0
<i>S. reedi</i>	0.0	--	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	--	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	--	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	--	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	--	3.3	1.4	4.7
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	--	0.0	0.0	0.0
<i>S. goodei</i>	0.0	--	0.0	0.3	0.3
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	0.8	--	10.5	154.7	166.0

*Depth strata 51-80 not sampled.

Appendix Table C-127. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1968.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.4	1.3	2.7	0.4	4.8
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	1.6	2.2	0.0	1.3	5.1
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	1.3	0.0	0.4	1.7
<i>S. diploproa</i>	0.9	9.9	0.4	2.6	13.8
<i>S. elongatus</i>	0.0	1.7	0.0	0.0	1.7
<i>S. entomelas</i>	0.0	27.5	0.4	0.0	27.9
<i>S. flavidus</i>	0.0	29.7	0.0	0.0	29.7
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	7.2	0.0	0.0	7.2
<i>S. pinniger</i>	4.4	238.9	3.0	0.5	246.8
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	1.6	1.8	1.8	5.2
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.3	0.3
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	1.0	0.0	0.0	1.0
Total mt Landed	7.3	322.3	8.3	7.3	345.2

Appendix Table C-128. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1969.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.8	0.6	2.2	1.9	5.5
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.9	1.8	3.0	6.8	12.5
<i>S. brevispinus</i>	0.0	0.6	1.9	0.6	3.1
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	2.5	4.8	9.8	7.2	24.3
<i>S. diploproa</i>	1.8	1.8	10.1	5.1	18.8
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	6.3	0.0	0.0	6.3
<i>S. flavidus</i>	8.7	65.2	4.3	5.6	83.8
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	1.8	16.6	1.1	4.0	23.5
<i>S. pinniger</i>	0.6	33.1	0.6	0.2	34.5
<i>S. proriger</i>	0.6	2.9	0.2	0.2	3.9
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	8.4	11.5	1.6	2.0	23.5
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	20.6	20.4	29.6	19.5	90.1
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	46.7	165.6	64.4	53.1	329.8

Appendix Table C-129. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1970.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.8	0.8	1.2	2.8
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	9.0	43.5	23.9	76.4
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	12.3	1.7	6.3	20.3
<i>S. diploproa</i>	0.0	3.8	7.1	31.0	41.9
<i>S. elongatus</i>	0.0	0.8	0.0	1.6	2.4
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	36.8	23.9	8.7	11.3	80.7
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	10.4	0.0	0.0	0.0	10.4
<i>S. paucispinus</i>	12.6	10.8	12.1	19.2	54.7
<i>S. pinniger</i>	26.6	47.1	11.1	8.5	93.3
<i>S. proriger</i>	0.0	0.0	0.0	1.4	1.4
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.9	0.9
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. alascanus</i>	1.2	14.2	19.7	51.2	86.3
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.1	0.1
Total mt Landed	87.6	122.7	104.7	156.7	471.7

Appendix Table C-130. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1971.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.9	1.8	2.7
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	1.0	5.8	1.2	8.0
<i>S. brevispinus</i>	0.0	0.0	0.5	0.0	0.5
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. cramerii</i>	0.0	0.0	2.6	3.8	6.4
<i>S. diploproa</i>	0.0	0.0	0.3	0.8	1.1
<i>S. elongatus</i>	0.0	1.0	3.4	0.4	4.8
<i>S. entomelas</i>	0.0	15.1	0.9	0.0	16.0
<i>S. flavidus</i>	62.8	73.6	33.0	0.5	169.9
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	18.2	0.0	0.0	0.0	18.2
<i>S. paucispinus</i>	3.0	15.0	23.9	3.0	44.9
<i>S. pinniger</i>	2.2	218.3	19.2	0.5	240.2
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	1.7	3.1	0.0	4.8
<i>S. saxicola</i>	0.0	0.0	3.1	2.2	5.3
<i>S. zacentrus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. alascanus</i>	0.0	1.0	2.1	7.1	10.2
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	1.1	0.0	1.1
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	86.2	326.8	100.0	21.3	534.2

Appendix Table C-131. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1972.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	1.7	0.0	0.9	2.6
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	2.3	1.0	3.3
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	27.4	0.0	12.5	39.9
<i>S. diploproa</i>	0.0	0.0	1.6	1.6	3.2
<i>S. elongatus</i>	0.0	0.0	51.2	0.9	52.1
<i>S. entomelas</i>	0.0	32.3	0.0	0.0	32.3
<i>S. flavidus</i>	0.0	32.5	123.8	1.6	157.9
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	35.6	0.0	0.0	0.0	35.6
<i>S. paucispinus</i>	0.8	0.0	28.5	0.0	29.3
<i>S. pinniger</i>	19.1	6.2	188.9	0.4	214.6
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	3.3	0.0	0.0	3.3
<i>S. saxicola</i>	0.0	0.0	11.9	0.0	11.9
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	8.6	1.2	40.5	50.3
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	3.3	3.3
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	55.5	112.0	409.4	62.7	639.6

Appendix Table C-132. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1973.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	1.4	0.3	0.0	1.7
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.1	0.0	0.1
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.9	0.4	0.0	1.3
<i>S. entomelas</i>	0.0	3.3	0.0	0.1	3.4
<i>S. flavidus</i>	17.2	69.4	4.7	2.6	93.9
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	7.3	0.3	0.0	0.0	7.6
<i>S. paucispinus</i>	3.9	9.6	0.5	0.2	14.2
<i>S. pinniger</i>	6.0	203.3	2.1	3.0	214.4
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.6	1.9	0.0	0.0	2.5
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	13.7	0.6	0.0	14.3
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.4	0.0	0.4
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	10.8	0.9	0.0	11.7
Total mt Landed	35.0	314.6	10.1	5.9	365.6

Appendix Table C-133. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1974.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.0	--	0.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	2.9	0.0	--	2.9
<i>S. brevispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	9.7	0.0	--	9.7
<i>S. diploproa</i>	0.0	0.0	3.3	--	3.3
<i>S. elongatus</i>	0.0	3.2	0.0	--	3.2
<i>S. entomelas</i>	0.0	0.1	0.0	--	0.1
<i>S. flavidus</i>	0.3	36.4	0.0	--	36.7
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	86.8	21.4	0.0	--	108.2
<i>S. paucispinus</i>	0.0	10.6	0.0	--	10.6
<i>S. pinniger</i>	0.3	110.2	0.0	--	110.5
<i>S. proriger</i>	0.0	0.0	0.0	--	0.0
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	--	0.0
<i>S. alascanus</i>	0.0	0.0	1.9	--	1.9
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	87.4	194.5	5.2	--	287.1

*Depth strata >120 not sampled.

Appendix Table C-134. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1975.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	1.7	0.2	1.3	3.2
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	1.9	1.9	3.8
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.1	4.0	0.3	2.6	7.0
<i>S. diploproa</i>	0.0	0.0	0.1	0.2	0.3
<i>S. elongatus</i>	0.0	0.0	4.1	4.1	8.2
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	3.2	56.5	4.5	2.4	66.6
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	1.5	0.0	0.0	0.0	1.5
<i>S. paucispinus</i>	0.2	17.8	1.9	13.0	32.9
<i>S. pinniger</i>	2.4	106.1	9.1	22.2	139.8
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	4.1	1.8	22.8	28.7
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	1.5	1.5
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	7.4	190.2	23.9	72.0	293.5

Appendix Table C-135. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1977.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.0	3.4	3.4
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.1	0.1
<i>S. brevispinus</i>	--	0.0	28.2	0.0	28.2
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.0	1.9	1.9
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.6	0.4	1.0
<i>S. entomelas</i>	--	0.0	0.1	0.0	0.1
<i>S. flavidus</i>	--	24.8	16.0	0.0	40.8
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	6.8	18.5	0.0	25.3
<i>S. pinniger</i>	--	151.5	166.8	0.6	318.9
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	1.7	2.7	0.0	4.4
<i>S. saxicola</i>	--	0.0	0.0	0.5	0.5
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	19.8	31.3	51.1
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.6	10.0	0.0	10.6
Total mt Landed	--	185.4	262.7	38.2	486.3

*Depth strata <50 not sampled.

Appendix Table C-136. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1978.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.6	2.0	2.6
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.5	1.6	0.5	2.6
<i>S. brevispinus</i>	0.0	35.8	5.3	0.0	41.1
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	1.5	1.2	10.1	12.8
<i>S. diploproa</i>	0.0	0.0	0.3	4.0	4.3
<i>S. elongatus</i>	0.0	19.2	2.3	0.8	22.3
<i>S. entomelas</i>	0.0	0.5	0.4	0.0	0.9
<i>S. flavidus</i>	0.0	4.1	16.5	1.7	22.3
<i>S. helvomaculatus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. melanops</i>	12.0	0.0	0.0	0.0	12.0
<i>S. paucispinus</i>	0.0	46.9	20.6	0.1	67.6
<i>S. pinniger</i>	0.6	383.8	241.3	4.4	630.1
<i>S. proriger</i>	0.0	1.4	0.3	0.0	1.7
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	2.0	4.0	0.0	6.0
<i>S. saxicola</i>	0.0	0.6	0.1	0.2	0.9
<i>S. zacentrus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. alascanus</i>	0.0	15.7	1.2	11.4	28.3
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.4	0.3	0.2	0.9
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	12.6	512.4	296.2	35.4	856.6

Appendix Table C-137. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1979.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120	
<i>S. alutus</i>	--	0.0	--	0.0	0.0
<i>S. aurora</i>	--	0.0	--	0.0	0.0
<i>S. babcocki</i>	--	0.0	--	0.1	0.1
<i>S. brevispinus</i>	--	20.2	--	0.0	20.2
<i>S. borealis</i>	--	0.0	--	0.0	0.0
<i>S. crameri</i>	--	0.0	--	0.1	0.1
<i>S. diploproa</i>	--	0.0	--	0.1	0.1
<i>S. elongatus</i>	--	0.1	--	0.0	0.1
<i>S. entomelas</i>	--	37.8	--	0.0	37.8
<i>S. flavidus</i>	--	115.9	--	0.0	115.9
<i>S. helvomaculatus</i>	--	0.1	--	0.0	0.1
<i>S. melanops</i>	--	0.0	--	0.0	0.0
<i>S. paucispinus</i>	--	214.2	--	0.0	214.2
<i>S. pinniger</i>	--	2,002.8	--	0.0	2,002.8
<i>S. proriger</i>	--	10.1	--	0.0	10.1
<i>S. reedi</i>	--	17.6	--	0.0	17.6
<i>S. rubberimus</i>	--	70.6	--	0.0	70.6
<i>S. saxicola</i>	--	0.0	--	0.0	0.0
<i>S. zacentrus</i>	--	0.0	--	0.0	0.0
<i>S. alascanus</i>	--	0.0	--	2.5	2.5
<i>S. chlorostictus</i>	--	27.7	--	0.0	27.7
<i>S. aleutianus</i>	--	0.0	--	0.0	0.0
<i>S. goodei</i>	--	0.0	--	0.0	0.0
Other	--	0.0	--	0.0	0.0
Total mt Landed	--	2,517.1	--	2.8	2,519.9

*Depth strata <50 & 81-120 not sampled.

Appendix Table C-138. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1980.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.0	5.6	5.6
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	2.8	2.8
<i>S. brevispinus</i>	--	2.8	0.0	0.0	2.8
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.0	24.9	24.9
<i>S. diploproa</i>	--	0.0	0.0	16.6	16.6
<i>S. elongatus</i>	--	8.3	0.0	0.0	8.3
<i>S. entomelas</i>	--	40.9	57.1	0.5	98.5
<i>S. flavidus</i>	--	35.8	25.0	0.3	61.1
<i>S. helvomaculatus</i>	--	0.0	0.0	0.1	0.1
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	21.0	85.0	3.6	109.6
<i>S. pinniger</i>	--	554.4	314.5	0.0	868.9
<i>S. proriger</i>	--	5.0	10.2	0.1	15.3
<i>S. reedi</i>	--	0.1	0.0	0.0	0.1
<i>S. rubberimus</i>	--	14.5	17.4	0.0	31.9
<i>S. saxicola</i>	--	0.0	0.0	0.1	0.1
<i>S. zacentrus</i>	--	0.0	0.1	0.0	0.1
<i>S. alascanus</i>	--	0.0	0.0	131.0	131.0
<i>S. chlorostictus</i>	--	2.1	4.8	0.0	6.9
<i>S. aleutianus</i>	--	0.0	0.0	2.8	2.8
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.1	0.0	0.1
Total mt Landed	--	684.9	514.2	188.4	1,387.5

*Depth strata <50 not sampled.

Appendix Table C-139. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1981.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120	
<i>S. alutus</i>	--	5.1	--	0.0	5.1
<i>S. aurora</i>	--	0.0	--	0.0	0.0
<i>S. babcocki</i>	--	0.0	--	0.0	0.0
<i>S. brevispinus</i>	--	0.0	--	0.0	0.0
<i>S. borealis</i>	--	0.0	--	0.0	0.0
<i>S. crameri</i>	--	0.0	--	0.0	0.0
<i>S. diploproa</i>	--	0.0	--	0.0	0.0
<i>S. elongatus</i>	--	0.0	--	0.0	0.0
<i>S. entomelas</i>	--	15.2	--	0.0	15.2
<i>S. flavidus</i>	--	893.9	--	0.0	893.9
<i>S. helvomaculatus</i>	--	0.0	--	0.0	0.0
<i>S. melanops</i>	--	0.0	--	0.0	0.0
<i>S. paucispinus</i>	--	723.8	--	0.0	723.8
<i>S. pinniger</i>	--	871.1	--	0.0	871.1
<i>S. proriger</i>	--	0.0	--	0.0	0.0
<i>S. reedi</i>	--	0.0	--	0.0	0.0
<i>S. rubberimus</i>	--	0.0	--	0.0	0.0
<i>S. saxicola</i>	--	0.0	--	0.0	0.0
<i>S. zacentrus</i>	--	0.0	--	0.0	0.0
<i>S. alascanus</i>	--	0.0	--	15.2	15.2
<i>S. chlorostictus</i>	--	0.0	--	0.0	0.0
<i>S. aleutianus</i>	--	15.2	--	0.0	15.2
<i>S. goodei</i>	--	0.0	--	0.0	0.0
Other	--	0.0	--	0.0	0.0
Total mt Landed	--	2,524.3	--	15.2	2,539.5

*Depth strata <50 & 81-120 not sampled.

Appendix Table C-140. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1982.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	3.8	0.0	3.8
<i>S. aurora</i>	0.0	0.0	0.0	0.1	0.1
<i>S. babcocki</i>	0.0	5.0	2.6	0.0	7.6
<i>S. brevispinus</i>	0.0	30.2	7.8	0.0	38.0
<i>S. borealis</i>	0.0	0.0	0.0	0.1	0.1
<i>S. crameri</i>	0.0	2.1	5.4	0.1	7.6
<i>S. diploproa</i>	0.0	0.0	3.8	0.0	3.8
<i>S. elongatus</i>	0.0	42.4	33.5	0.0	75.9
<i>S. entomelas</i>	0.0	357.1	75.7	0.0	432.8
<i>S. flavidus</i>	0.0	371.8	0.0	0.0	371.8
<i>S. helvomaculatus</i>	0.0	8.5	2.9	0.0	11.4
<i>S. melanops</i>	0.1	0.0	0.0	0.0	0.1
<i>S. paucispinus</i>	0.0	432.6	129.2	0.0	561.8
<i>S. pinniger</i>	0.0	828.9	583.2	0.0	1,412.1
<i>S. proriger</i>	0.0	297.6	226.3	0.0	523.9
<i>S. reedi</i>	0.0	0.0	11.3	0.0	11.3
<i>S. rubberimus</i>	0.0	35.9	17.2	0.0	53.1
<i>S. saxicola</i>	0.0	5.6	5.7	0.0	11.3
<i>S. zacentrus</i>	0.0	40.4	103.9	0.0	144.3
<i>S. alascanus</i>	0.0	7.8	45.3	0.0	53.1
<i>S. chlorostictus</i>	0.0	16.2	2.8	0.0	19.0
<i>S. aleutianus</i>	0.0	0.0	7.6	0.0	7.6
<i>S. goodei</i>	0.0	27.7	6.5	0.0	34.2
Other	0.0	11.4	0.0	0.0	11.4
Total mt Landed	0.1	2,521.2	1,274.5	0.3	3,796.1

Appendix Table C-141. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1983.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.8	3.1	3.4	7.3
<i>S. aurora</i>	--	0.0	0.0	0.1	0.1
<i>S. babcocki</i>	--	0.0	5.4	1.9	7.3
<i>S. brevispinus</i>	--	5.7	60.1	0.0	65.8
<i>S. borealis</i>	--	0.0	0.0	0.1	0.1
<i>S. crameri</i>	--	0.7	7.9	6.0	14.6
<i>S. diploproa</i>	--	0.0	0.0	0.1	0.1
<i>S. elongatus</i>	--	0.0	9.7	19.6	29.3
<i>S. entomelas</i>	--	16.5	205.5	1.1	223.1
<i>S. flavidus</i>	--	217.3	546.9	0.8	765.0
<i>S. helvomaculatus</i>	--	0.0	3.7	0.0	3.7
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	67.6	453.8	23.4	544.8
<i>S. pinniger</i>	--	370.6	1,462.2	1.8	1,834.6
<i>S. proriger</i>	--	0.0	3.4	11.2	14.6
<i>S. reedi</i>	--	0.7	23.5	1.4	25.6
<i>S. rubberimus</i>	--	9.7	47.9	0.9	58.5
<i>S. saxicola</i>	--	0.0	0.1	0.0	0.1
<i>S. zacentrus</i>	--	1.6	13.0	0.0	14.6
<i>S. alascanus</i>	--	0.0	3.0	18.9	21.9
<i>S. chlorostictus</i>	--	4.8	9.8	0.0	14.6
<i>S. aleutianus</i>	--	0.0	0.1	0.0	0.1
<i>S. goodei</i>	--	0.0	9.3	1.6	10.9
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	696.0	2,868.4	92.3	3,656.7

*Depth strata <50 not sampled.

Appendix Table C-142. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.1	0.3	0.3	1.0	1.7
<i>S. aurora</i>	0.0	0.0	0.1	0.0	0.1
<i>S. babcocki</i>	0.1	0.4	0.3	4.1	4.9
<i>S. brevispinus</i>	0.2	1.3	3.6	0.6	5.7
<i>S. borealis</i>	0.3	0.1	0.4	2.7	3.5
<i>S. crameri</i>	0.6	1.3	2.5	44.0	48.4
<i>S. diploproa</i>	0.1	0.5	0.1	1.3	2.0
<i>S. elongatus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. entomelas</i>	0.3	9.4	2.3	0.3	12.3
<i>S. flavidus</i>	14.8	145.1	51.7	0.1	211.7
<i>S. helvomaculatus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	4.7	44.8	14.1	2.7	66.3
<i>S. pinniger</i>	94.9	71.0	70.9	0.6	237.4
<i>S. proriger</i>	0.0	0.1	0.0	0.0	0.1
<i>S. reedi</i>	0.2	0.3	0.9	0.2	1.6
<i>S. rubberimus</i>	0.7	5.5	4.2	0.2	10.6
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.2	0.2
<i>S. alascanus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. chlorostictus</i>	0.0	0.2	0.2	0.0	0.4
<i>S. aleutianus</i>	0.0	0.0	0.1	0.1	0.2
<i>S. goodei</i>	0.0	0.0	0.1	0.0	0.1
<i>S. nigrocinctus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. melanostomus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. wilsoni</i>	0.1	0.0	0.0	0.0	0.1
<i>S. rufus</i>	0.0	0.0	0.0	0.1	0.1
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	117.1	280.5	151.9	58.4	607.9

Apendix Table C-143. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.6	4.1	2.2	7.0	13.9
<i>S. aurora</i>	0.0	0.0	0.0	0.5	0.5
<i>S. babcocki</i>	0.1	1.0	1.1	3.5	5.7
<i>S. brevispinus</i>	28.8	3.4	6.3	0.5	39.0
<i>S. borealis</i>	0.0	0.0	0.0	2.1	2.1
<i>S. crameri</i>	1.5	11.1	11.3	141.3	165.2
<i>S. diploproa</i>	0.1	1.2	2.7	6.5	10.5
<i>S. elongatus</i>	0.1	0.1	1.6	0.6	2.4
<i>S. entomelas</i>	0.2	2.2	15.4	0.4	18.2
<i>S. flavidus</i>	0.6	15.4	33.3	0.3	49.6
<i>S. helvomaculatus</i>	0.0	0.1	0.2	0.1	0.4
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	3.1	65.0	29.9	6.6	104.6
<i>S. pinniger</i>	3.9	96.4	50.0	2.3	152.6
<i>S. proriger</i>	0.0	1.0	0.3	0.0	1.3
<i>S. reedi</i>	16.7	3.6	0.3	0.4	21.0
<i>S. rubberimus</i>	0.4	7.5	5.8	0.6	14.3
<i>S. saxicola</i>	0.0	0.1	0.1	0.0	0.2
<i>S. zacentrus</i>	3.9	0.2	1.4	0.1	5.6
<i>S. alascanus</i>	1.8	0.0	0.6	0.6	3.0
<i>S. chlorostictus</i>	0.0	1.7	0.4	0.2	2.3
<i>S. aleutianus</i>	0.0	1.1	1.6	1.1	3.8
<i>S. goodei</i>	0.0	0.9	0.6	0.0	1.5
<i>S. nigrocinctus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. melanostomus</i>	0.0	0.0	0.0	0.3	0.3
<i>S. wilsoni</i>	0.0	0.0	0.1	0.0	0.1
<i>S. rufus</i>	0.0	0.1	0.0	1.2	1.3
Other	0.1	0.0	0.0	0.0	0.1
Total mt Landed	62.0	216.2	165.2	176.2	619.6

Appendix Table C-144. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	2.2	0.1	0.3	3.3	5.9
<i>S. aurora</i>	0.0	0.0	0.0	0.1	0.1
<i>S. babcocki</i>	0.6	0.2	0.8	2.6	4.2
<i>S. brevispinus</i>	5.5	1.6	0.4	4.4	11.9
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	14.8	0.1	2.6	96.6	114.1
<i>S. diploproa</i>	0.1	0.0	0.0	0.1	0.2
<i>S. elongatus</i>	0.1	0.2	1.4	0.1	1.8
<i>S. entomelas</i>	0.6	7.9	3.3	0.5	12.3
<i>S. flavidus</i>	10.1	20.8	33.0	0.3	64.2
<i>S. helvomaculatus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	31.1	43.4	79.9	1.6	156.0
<i>S. pinniger</i>	13.1	94.0	31.0	26.9	165.0
<i>S. proriger</i>	0.3	2.6	0.1	0.1	3.1
<i>S. reedi</i>	0.2	0.0	4.0	1.0	5.2
<i>S. rubberimus</i>	2.5	4.4	3.9	0.7	11.5
<i>S. saxicola</i>	0.1	0.0	0.0	0.0	0.1
<i>S. zacentrus</i>	0.8	0.6	1.1	0.6	3.1
<i>S. alascanus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. chlorostictus</i>	0.2	0.8	0.7	0.1	1.8
<i>S. aleutianus</i>	0.9	0.3	1.8	2.4	5.4
<i>S. goodei</i>	0.0	0.0	0.1	0.0	0.1
<i>S. nigrocinctus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. wilsoni</i>	0.0	0.0	0.1	0.0	0.1
Other	0.0	0.1	0.0	0.1	0.2
Total mt Landed	83.2	177.2	164.6	141.6	566.6

Appendix Table C-145. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.3	0.3	0.9	2.7	4.2
<i>S. aurora</i>	0.0	0.0	0.0	0.1	0.1
<i>S. babcocki</i>	1.4	0.1	1.0	1.3	3.8
<i>S. brevispinus</i>	12.8	0.6	7.4	0.4	21.2
<i>S. borealis</i>	9.4	0.0	0.0	2.1	11.5
<i>S. crameri</i>	15.5	1.8	7.4	77.7	102.4
<i>S. diploproa</i>	0.5	0.1	0.8	4.5	5.9
<i>S. elongatus</i>	0.3	0.1	4.3	0.3	5.0
<i>S. entomelas</i>	1.2	1.5	8.2	0.6	11.5
<i>S. flavidus</i>	2.8	9.7	11.6	3.5	27.6
<i>S. helvomaculatus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	22.2	5.3	21.7	1.9	51.1
<i>S. pinniger</i>	223.8	75.6	152.3	2.1	453.8
<i>S. proriger</i>	16.6	0.3	3.2	0.1	20.2
<i>S. reedi</i>	4.2	0.0	0.4	8.2	12.8
<i>S. rubberimus</i>	6.2	1.3	9.9	0.5	17.9
<i>S. saxicola</i>	0.0	0.0	0.1	0.0	0.1
<i>S. zacentrus</i>	1.0	0.1	2.0	0.3	3.4
<i>S. alascanus</i>	2.8	0.1	0.2	0.2	3.3
<i>S. chlorostictus</i>	0.1	0.1	0.4	0.1	0.7
<i>S. aleutianus</i>	0.1	0.1	0.3	3.6	4.1
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. wilsoni</i>	0.1	0.0	0.0	0.0	0.1
<i>S. rufus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. jordani</i>	0.1	0.0	0.0	0.0	0.1
<i>S. ovalis</i>	0.0	0.0	0.0	0.1	0.1
Other	0.0	0.0	0.0	0.1	0.1
Total mt Landed	321.4	97.1	232.3	110.5	761.3

Appendix Table C-146. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	2.1	1.1	8.4	11.6
<i>S. aurora</i>	0.0	0.0	0.1	0.0	0.1
<i>S. babcocki</i>	0.0	0.6	0.3	1.0	1.9
<i>S. brevispinus</i>	1.7	1.4	4.2	5.5	12.8
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	19.6	7.8	104.1	131.5
<i>S. diploproa</i>	0.0	0.4	1.3	4.6	6.3
<i>S. elongatus</i>	0.1	0.4	2.5	0.1	3.1
<i>S. entomelas</i>	0.0	0.6	9.1	0.2	9.9
<i>S. flavidus</i>	5.2	1.0	17.0	0.1	23.3
<i>S. helvomaculatus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.9	11.9	30.7	0.7	44.2
<i>S. pinniger</i>	93.9	80.8	214.9	8.7	398.3
<i>S. proriger</i>	0.5	3.1	0.4	0.1	4.1
<i>S. reedi</i>	0.0	0.9	0.5	0.6	2.0
<i>S. rubberimus</i>	3.7	7.3	15.0	0.6	26.6
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.1	1.7	0.2	0.0	2.0
<i>S. alascanus</i>	0.0	0.0	0.2	0.2	0.4
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.6	1.2	0.7	2.5
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. wilsoni</i>	0.0	0.0	0.1	0.0	0.1
<i>S. rufus</i>	0.0	0.0	0.0	0.1	0.1
Other	0.0	0.1	0.1	0.0	0.2
Total mt Landed	106.1	132.5	306.9	135.7	681.2

Appendix Table C-147. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.2	1.0	6.6	7.8
<i>S. aurora</i>	0.0	0.1	0.2	0.6	0.9
<i>S. babcocki</i>	0.8	0.8	0.3	0.5	2.4
<i>S. brevispinus</i>	2.4	3.5	4.4	0.0	10.3
<i>S. borealis</i>	0.0	0.0	0.6	0.2	0.8
<i>S. crameri</i>	1.3	2.6	0.3	45.1	49.3
<i>S. diploproa</i>	0.2	0.4	0.7	1.5	2.8
<i>S. elongatus</i>	0.3	0.8	14.9	0.2	16.2
<i>S. entomelas</i>	1.0	5.8	49.5	1.1	57.4
<i>S. flavidus</i>	3.0	44.2	3.2	1.2	51.6
<i>S. helvomaculatus</i>	0.0	0.0	0.1	3.7	3.8
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	17.9	56.4	0.7	75.0
<i>S. pinniger</i>	106.9	104.9	2.3	0.0	214.1
<i>S. proriger</i>	3.3	0.7	6.2	0.6	10.8
<i>S. reedi</i>	1.1	0.3	13.3	20.6	35.3
<i>S. rubberimus</i>	2.0	4.9	0.5	0.3	7.7
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. alascanus</i>	0.0	0.0	0.0	0.3	0.3
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	5.2	11.9	17.1
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	0.0	0.0	0.0	0.5	0.5
<i>S. wilsoni</i>	0.0	0.0	0.0	2.1	2.1
<i>S. rufus</i>	0.0	0.0	0.0	0.2	0.2
Other	0.0	0.0	44.4	0.1	44.5
Total mt Landed	122.3	187.1	203.5	98.1	611.0

Appendix Table C-148. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.5	5.4	3.9	9.8
<i>S. aurora</i>	0.0	0.0		0.1	0.1
<i>S. babcocki</i>	0.0	0.0	0.7	5.8	6.5
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. cramerii</i>	0.0	2.5	12.0	21.4	35.9
<i>S. diploproa</i>	0.0	0.2	4.4	20.0	24.6
<i>S. elongatus</i>	0.0	8.2	18.0	3.2	29.4
<i>S. entomelas</i>	0.0	2.2	0.6	0.2	3.0
<i>S. flavidus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. helvomaculatus</i>	0.0	0.0	0.2	0.0	0.2
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	4.3	0.0	0.3	0.0	4.6
<i>S. pinniger</i>	350.6	0.0	0.4	0.2	351.2
<i>S. proriger</i>	0.0	69.4	74.9	9.9	154.2
<i>S. reedi</i>	0.0	0.0	0.0	0.1	0.1
<i>S. rubberimus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. saxicola</i>	0.0	0.0	0.1	0.0	0.1
<i>S. zacentrus</i>	0.0	1.8	8.5	0.1	10.4
<i>S. alascanus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. goodei</i>	0.0	0.2	1.7	0.0	1.9
<i>S. nigrocinctus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. wilsoni</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rufus</i>	0.0	0.0	0.1	0.0	0.1
Other	0.0	0.0	0.1	0.0	0.1
Total mt Landed	354.9	85.0	127.7	65.1	632.7

Appendix Table C-149. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.8	3.2	4.3	8.3
<i>S. aurora</i>	0.0	0.0	0.0	1.2	1.2
<i>S. babcocki</i>	0.0	1.2	1.2	1.2	3.6
<i>S. brevispinus</i>	0.0	3.4	15.3	1.5	20.2
<i>S. borealis</i>	0.0	0.0	0.0	4.7	4.7
<i>S. crameri</i>	0.0	9.4	19.2	69.9	98.5
<i>S. diploproa</i>	0.0	0.8	3.9	2.4	7.1
<i>S. elongatus</i>	0.0	1.2	0.0	0.0	1.2
<i>S. entomelas</i>	1.2	1.2	1.2	1.1	4.7
<i>S. flavidus</i>	0.3	21.5	12.4	0.2	34.4
<i>S. helvomaculatus</i>	0.0	0.0	1.2	0.0	1.2
<i>S. melanops</i>	1.2	0.0	0.0	0.0	1.2
<i>S. paucispinus</i>	0.0	21.5	23.9	5.6	51.0
<i>S. pinniger</i>	2.4	472.2	326.4	4.8	805.8
<i>S. proriger</i>	0.0	4.7	9.3	0.2	14.2
<i>S. reedi</i>	0.0	0.9	13.5	44.9	59.3
<i>S. rubberimus</i>	3.0	17.7	14.5	2.7	37.9
<i>S. saxicola</i>	0.0	1.2	0.0	0.0	1.2
<i>S. zacentrus</i>	0.0	0.0	1.2	1.2	2.4
<i>S. alascanus</i>	0.0	0.0	0.0	1.2	1.2
<i>S. chlorostictus</i>	0.0	1.2	0.6	0.6	2.4
<i>S. aleutianus</i>	0.0	1.1	2.9	1.9	5.9
<i>S. goodei</i>	0.0	1.2	1.2	1.2	3.6
<i>S. nigrocinctus</i>	0.0	0.0	0.0	1.2	1.2
<i>S. melanostomus</i>	0.0	0.0	1.2	0.0	1.2
<i>S. wilsoni</i>	0.0	1.2	0.0	0.0	1.2
<i>S. rufus</i>	0.0	0.0	5.9	0.0	5.9
<i>S. altivelis</i>	0.0	0.0	0.0	1.2	1.2
<i>S. maliger</i>	0.0	1.2	0.0	0.0	1.2
<i>S. mystinus</i>	1.2	0.0	0.0	0.0	1.2
<i>S. rosaceus</i>	1.2	0.0	0.0	0.0	1.2
<i>S. jordani</i>	0.0	1.2	0.0	0.0	1.2
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	10.5	564.8	458.2	153.2	1,186.7

Appendix Table C-150. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.6	0.9	1.2	2.7
<i>S. aurora</i>	0.0	0.0	0.7	0.0	0.7
<i>S. babcocki</i>	0.0	0.6	0.6	0.8	2.0
<i>S. brevispinus</i>	0.0	2.2	2.5	0.7	5.4
<i>S. borealis</i>	0.0	0.0	0.0	0.7	0.7
<i>S. crameri</i>	0.0	6.2	2.3	7.6	16.1
<i>S. diploproa</i>	0.0	0.0	0.7	0.0	0.7
<i>S. elongatus</i>	0.0	0.0	1.4	0.0	1.4
<i>S. entomelas</i>	0.0	2.9	0.1	0.4	3.4
<i>S. flavidus</i>	0.0	40.4	16.7	0.0	57.1
<i>S. helvomaculatus</i>	0.0	0.0	0.7	0.0	0.7
<i>S. melanops</i>	7.4	0.0	0.0	0.0	7.4
<i>S. paucispinus</i>	0.0	14.5	10.6	0.4	25.5
<i>S. pinniger</i>	1.0	377.4	104.5	1.0	483.9
<i>S. proriger</i>	0.0	5.6	2.5	0.0	8.1
<i>S. reedi</i>	0.0	0.9	3.6	0.2	4.7
<i>S. rubberimus</i>	1.4	15.9	12.9	0.0	30.2
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.3	0.4	0.0	0.7
<i>S. alascanus</i>	0.0	0.7	0.0	0.0	0.7
<i>S. chlorostictus</i>	0.0	1.1	1.6	0.0	2.7
<i>S. aleutianus</i>	0.0	2.1	0.4	0.9	3.4
<i>S. goodei</i>	0.0	1.5	5.9	0.0	7.4
<i>S. nigrocinctus</i>	0.0	0.0	0.7	0.0	0.7
<i>S. melanostomus</i>	0.0	0.0	0.6	0.1	0.7
<i>S. rufus</i>	0.0	0.0	0.0	0.7	0.7
<i>S. maliger</i>	0.7	0.0	0.0	0.0	0.7
<i>S. mystinus</i>	1.4	0.0	0.0	0.0	1.4
<i>S. caurinus</i>	0.7	0.0	0.0	0.0	0.7
<i>S. nebulosus</i>	0.7	0.0	0.0	0.0	0.7
Other	0.7	0.0	0.0	0.0	0.7
Total mt Landed	14.0	472.9	170.3	14.7	671.9

Appendix Table C-151. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2B, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	9.2	0.2	4.5	13.9
<i>S. aurora</i>	0.0	7.7	0.1	0.1	7.9
<i>S. babcocki</i>	0.0	0.5	0.2	0.5	1.2
<i>S. brevispinus</i>	0.0	2.7	5.7	0.1	8.5
<i>S. borealis</i>	0.0	1.7	0.2	0.5	2.4
<i>S. crameri</i>	0.0	31.1	1.4	13.5	46.0
<i>S. diploproa</i>	0.0	0.4	0.1	0.1	0.6
<i>S. elongatus</i>	0.0	3.5	0.1	0.0	3.6
<i>S. entomelas</i>	0.0	2.9	5.8	1.6	10.3
<i>S. flavidus</i>	0.1	20.9	12.1	0.8	33.9
<i>S. helvomaculatus</i>	0.0	0.2	0.4	0.0	0.6
<i>S. melanops</i>	4.3	0.3	0.2	0.0	4.8
<i>S. paucispinus</i>	0.0	21.8	11.2	0.3	33.3
<i>S. pinniger</i>	1.7	171.0	167.0	1.7	341.4
<i>S. proriger</i>	0.0	1.8	3.7	0.0	5.5
<i>S. reedi</i>	0.0	20.0	5.9	0.1	26.0
<i>S. rubberimus</i>	0.3	27.1	15.7	0.5	43.6
<i>S. saxicola</i>	0.0	0.0	0.6	0.0	0.6
<i>S. zacentrus</i>	0.0	2.3	1.3	0.0	3.6
<i>S. alascanus</i>	0.0	0.0	0.0	0.6	0.6
<i>S. chlorostictus</i>	0.0	0.8	0.3	0.1	1.2
<i>S. aleutianus</i>	0.0	1.1	0.4	0.9	2.4
<i>S. goodei</i>	0.0	4.2	0.5	0.1	4.8
<i>S. nigrocinctus</i>	0.0	0.6	0.0	0.0	0.6
<i>S. melanostomus</i>	0.0	0.8	0.1	0.9	1.8
<i>S. wilsoni</i>	0.0	0.6	0.0	0.0	0.6
<i>S. rufus</i>	0.0	0.6	0.0	0.0	0.6
<i>S. altivelis</i>	0.0	0.0	0.0	0.6	0.6
<i>S. maliger</i>	0.6	0.0	0.0	0.0	0.6
<i>S. mystinus</i>	0.5	0.0	0.1	0.0	0.6
<i>S. rosaceus</i>	0.0	1.2	0.0	0.0	1.2
<i>S. nebulosus</i>	0.6	0.0	0.0	0.0	0.6
<i>S. ovalis</i>	0.0	0.6	0.0	0.0	0.6
<i>S. jordani</i>	0.0	0.6	0.0	0.0	0.6
Other	0.3	0.0	0.3	0.0	0.6
Total mt Landed	8.4	336.2	233.6	27.5	605.7

Appendix Table C-152. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1963.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.0	32.8	32.8
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	2.7	2.7
<i>S. brevispinus</i>	2.7	0.0	0.0	0.0	2.7
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	2.3	2.3
<i>S. diploproa</i>	0.0	0.0	0.0	19.7	19.7
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	12.7	3.0	98.8	2.3	116.8
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	9.6	0.0	0.0	0.0	9.6
<i>S. paucispinus</i>	0.0	0.0	18.8	3.9	22.7
<i>S. pinniger</i>	12.7	3.0	129.4	20.0	165.1
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	3.5	3.5
<i>S. alascanus</i>	0.0	0.0	0.0	0.8	0.8
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	2.7	0.0	2.7
<i>S. goodei</i>	0.0	0.0	0.0	1.5	1.5
Other	0.0	0.0	2.7	0.0	2.7
Total mt Landed	37.7	6.0	252.4	89.5	385.6

Appendix Table C-153. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1964.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.0	0.0	--	0.0
<i>S. entomelas</i>	--	27.4	78.5	--	105.9
<i>S. flavidus</i>	--	0.0	0.0	--	0.0
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	13.4	--	13.4
<i>S. pinniger</i>	--	0.0	171.0	--	171.0
<i>S. proriger</i>	--	0.0	0.0	--	0.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	27.4	262.9	--	290.3

*Depth strata <50 & >120 not sampled.

Appendix Table C-154. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1965.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.6	0.0	95.2	95.8
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	2.1	0.0	24.8	26.9
<i>S. brevispinus</i>	--	0.7	0.0	0.0	0.7
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	108.6	0.4	8.8	117.8
<i>S. diploproa</i>	--	0.0	0.0	0.7	0.7
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	--	121.4	3.5	0.0	124.9
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	1.4	0.0	0.0	1.4
<i>S. paucispinus</i>	--	1.2	0.8	2.3	4.3
<i>S. pinniger</i>	--	294.0	28.0	3.6	325.6
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.7	0.7
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.5	0.0	8.0	8.5
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	2.1	0.0	0.0	2.1
Total mt Landed	--	532.6	32.7	144.1	709.4

*Depth strata <50 not sampled.

Appendix Table C-155. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1966.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120*	
<i>S. alutus</i>	0.0	0.0	--	--	0.0
<i>S. aurora</i>	0.0	0.0	--	--	0.0
<i>S. babcocki</i>	0.0	0.0	--	--	0.0
<i>S. brevispinus</i>	0.0	0.0	--	--	0.0
<i>S. borealis</i>	0.0	0.0	--	--	0.0
<i>S. crameri</i>	0.0	0.0	--	--	0.0
<i>S. diploproa</i>	0.0	0.0	--	--	0.0
<i>S. elongatus</i>	0.0	0.0	--	--	0.0
<i>S. entomelas</i>	0.0	62.8	--	--	62.8
<i>S. flavidus</i>	0.0	4.4	--	--	4.4
<i>S. helvomaculatus</i>	0.0	0.0	--	--	0.0
<i>S. melanops</i>	1.3	0.0	--	--	1.3
<i>S. paucispinus</i>	0.0	1.7	--	--	1.7
<i>S. pinniger</i>	5.1	361.1	--	--	366.2
<i>S. proriger</i>	0.0	0.0	--	--	0.0
<i>S. reedi</i>	0.0	0.0	--	--	0.0
<i>S. rubberimus</i>	0.0	0.0	--	--	0.0
<i>S. saxicola</i>	0.0	0.0	--	--	0.0
<i>S. zacentrus</i>	0.0	0.0	--	--	0.0
<i>S. alascanus</i>	0.0	0.0	--	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	--	--	0.0
<i>S. aleutianus</i>	0.0	0.0	--	--	0.0
<i>S. goodei</i>	0.0	0.0	--	--	0.0
Other	0.0	0.0	--	--	0.0
Total mt Landed	6.4	430.0	--	--	436.4

*Depth strata 81-120 & >120 not sampled.

Appendix Table C-156 Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1967.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120*	
<i>S. alutus</i>	--	--	0.0	--	0.0
<i>S. aurora</i>	--	--	0.0	--	0.0
<i>S. babcocki</i>	--	--	0.0	--	0.0
<i>S. brevispinus</i>	--	--	0.0	--	0.0
<i>S. borealis</i>	--	--	0.0	--	0.0
<i>S. crameri</i>	--	--	0.0	--	0.0
<i>S. diploproa</i>	--	--	0.0	--	0.0
<i>S. elongatus</i>	--	--	0.0	--	0.0
<i>S. entomelas</i>	--	--	199.8	--	199.8
<i>S. flavidus</i>	--	--	133.1	--	133.1
<i>S. helvomaculatus</i>	--	--	0.0	--	0.0
<i>S. melanops</i>	--	--	0.0	--	0.0
<i>S. paucispinus</i>	--	--	0.0	--	0.0
<i>S. pinniger</i>	--	--	0.0	--	0.0
<i>S. proriger</i>	--	--	0.0	--	0.0
<i>S. reedi</i>	--	--	0.0	--	0.0
<i>S. rubberimus</i>	--	--	0.0	--	0.0
<i>S. saxicola</i>	--	--	0.0	--	0.0
<i>S. zacentrus</i>	--	--	0.0	--	0.0
<i>S. alascanus</i>	--	--	0.0	--	0.0
<i>S. chlorostictus</i>	--	--	0.0	--	0.0
<i>S. aleutianus</i>	--	--	0.0	--	0.0
<i>S. goodei</i>	--	--	0.0	--	0.0
Other	--	--	0.0	--	0.0
Total mt Landed	--	--	332.9	--	332.9

*Depth strata <50, 51-80 & >120 not sampled.

Appendix Table C-157. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1968.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120	
<i>S. alutus</i>	--	0.0	--	0.0	0.0
<i>S. aurora</i>	--	0.0	--	0.0	0.0
<i>S. babcocki</i>	--	0.0	--	0.0	0.0
<i>S. brevispinus</i>	--	0.0	--	0.0	0.0
<i>S. borealis</i>	--	0.0	--	0.0	0.0
<i>S. crameri</i>	--	0.0	--	0.0	0.0
<i>S. diploproa</i>	--	0.0	--	0.0	0.0
<i>S. elongatus</i>	--	0.0	--	0.0	0.0
<i>S. entomelas</i>	--	0.4	--	0.0	0.4
<i>S. flavidus</i>	--	57.3	--	0.0	57.3
<i>S. helvomaculatus</i>	--	0.0	--	0.0	0.0
<i>S. melanops</i>	--	0.0	--	0.0	0.0
<i>S. paucispinus</i>	--	0.0	--	0.0	0.0
<i>S. pinniger</i>	--	33.1	--	0.0	33.1
<i>S. proriger</i>	--	0.0	--	0.0	0.0
<i>S. reedi</i>	--	0.0	--	0.0	0.0
<i>S. rubberimus</i>	--	0.0	--	0.0	0.0
<i>S. saxicola</i>	--	0.0	--	0.0	0.0
<i>S. zacentrus</i>	--	0.0	--	0.0	0.0
<i>S. alascanus</i>	--	0.0	--	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	--	0.0	0.0
<i>S. aleutianus</i>	--	0.0	--	0.3	0.3
<i>S. goodei</i>	--	0.0	--	0.0	0.0
Other	--	0.0	--	0.0	0.0
Total mt Landed	--	90.8	--	0.3	91.1

*Depth strata <50 & 81-120 not sampled.

Appendix Table C-158. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1971.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120*	
<i>S. alutus</i>	0.0	0.1	--	--	0.1
<i>S. aurora</i>	0.0	0.0	--	--	0.0
<i>S. babcocki</i>	0.0	0.0	--	--	0.0
<i>S. brevispinus</i>	0.0	0.0	--	--	0.0
<i>S. borealis</i>	0.0	0.0	--	--	0.0
<i>S. crameri</i>	0.0	0.1	--	--	0.1
<i>S. diploproa</i>	0.0	0.0	--	--	0.0
<i>S. elongatus</i>	11.8	11.7	--	--	23.5
<i>S. entomelas</i>	0.0	0.0	--	--	0.0
<i>S. flavidus</i>	0.0	11.9	--	--	11.9
<i>S. helvomaculatus</i>	0.0	0.0	--	--	0.0
<i>S. melanops</i>	0.0	0.0	--	--	0.0
<i>S. paucispinus</i>	11.7	11.7	--	--	23.4
<i>S. pinniger</i>	0.0	0.1	--	--	0.1
<i>S. proriger</i>	0.0	0.0	--	--	0.0
<i>S. reedi</i>	0.0	0.0	--	--	0.0
<i>S. rubberimus</i>	0.0	0.1	--	--	0.1
<i>S. saxicola</i>	0.0	0.1	--	--	0.1
<i>S. zacentrus</i>	0.0	0.0	--	--	0.0
<i>S. alascanus</i>	0.0	0.5	--	--	0.5
<i>S. chlorostictus</i>	0.0	0.0	--	--	0.0
<i>S. aleutianus</i>	0.0	0.0	--	--	0.0
<i>S. goodei</i>	0.0	0.0	--	--	0.0
Other	0.0	0.0	--	--	0.0
Total mt Landed	23.5	36.3	--	--	59.8

*Depth strata 81-120 & >120 not sampled.

Appendix Table C-159. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1973.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120*	
<i>S. alutus</i>	0.0	0.0	--	--	0.0
<i>S. aurora</i>	0.0	0.0	--	--	0.0
<i>S. babcocki</i>	0.0	0.0	--	--	0.0
<i>S. brevispinus</i>	0.0	0.0	--	--	0.0
<i>S. borealis</i>	0.0	0.0	--	--	0.0
<i>S. crameri</i>	0.0	0.0	--	--	0.0
<i>S. diploproa</i>	0.0	0.0	--	--	0.0
<i>S. elongatus</i>	0.0	0.0	--	--	0.0
<i>S. entomelas</i>	0.0	0.0	--	--	0.0
<i>S. flavidus</i>	0.0	3.0	--	--	3.0
<i>S. helvomaculatus</i>	0.0	0.0	--	--	0.0
<i>S. melanops</i>	10.0	0.0	--	--	10.0
<i>S. paucispinus</i>	0.3	8.7	--	--	9.0
<i>S. pinniger</i>	2.9	216.4	--	--	219.3
<i>S. proriger</i>	0.0	0.0	--	--	0.0
<i>S. reedi</i>	0.0	0.0	--	--	0.0
<i>S. rubberimus</i>	0.0	0.0	--	--	0.0
<i>S. saxicola</i>	0.0	0.0	--	--	0.0
<i>S. zacentrus</i>	0.0	0.0	--	--	0.0
<i>S. alascanus</i>	0.0	0.0	--	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	--	--	0.0
<i>S. aleutianus</i>	0.0	0.0	--	--	0.0
<i>S. goodei</i>	0.0	0.0	--	--	0.0
Other	0.0	0.0	--	--	0.0
Total mt Landed	13.2	228.1	--	--	241.3

*Depth strata 81-120 & >120 not sampled.

Appendix Table C-160. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1974.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	3.5	--	3.5
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.9	0.0	0.0	--	0.9
<i>S. brevispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. cramerii</i>	0.0	0.0	4.9	--	4.9
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.1	2.1	--	2.2
<i>S. entomelas</i>	0.0	0.0	0.0	--	0.0
<i>S. flavidus</i>	0.0	0.4	13.9	--	14.3
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	50.8	1.5	0.0	--	52.3
<i>S. paucispinus</i>	1.0	0.4	4.5	--	5.9
<i>S. pinniger</i>	15.8	7.2	3.8	--	26.8
<i>S. proriger</i>	0.0	0.0	0.0	--	0.0
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	2.4	--	2.4
<i>S. zacentrus</i>	0.0	0.0	0.0	--	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.2	--	0.2
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	68.5	9.6	35.3	--	113.4

*Depth strata >120 not sampled.

Appendix Table C-161. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1975.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.8	0.2	1.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.7	0.0	0.0	0.7
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.5	0.0	0.0	0.5
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.2	0.0	0.2
<i>S. entomelas</i>	0.0	3.1	0.0	0.0	3.1
<i>S. flavidus</i>	5.5	2.1	3.5	0.0	11.1
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	27.2	0.0	0.0	0.0	27.2
<i>S. paucispinus</i>	0.0	11.6	0.0	0.0	11.6
<i>S. pinniger</i>	4.3	15.9	1.8	0.0	22.0
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	1.1	0.0	0.0	1.1
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	37.0	35.0	6.3	0.2	78.5

Appendix Table C-162. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1976.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120*	
<i>S. alutus</i>	0.0	0.0	--	--	0.0
<i>S. aurora</i>	0.0	0.0	--	--	0.0
<i>S. babcocki</i>	0.0	0.0	--	--	0.0
<i>S. brevispinus</i>	0.0	0.0	--	--	0.0
<i>S. borealis</i>	0.0	0.0	--	--	0.0
<i>S. cramerii</i>	0.0	0.0	--	--	0.0
<i>S. diploproa</i>	0.0	0.0	--	--	0.0
<i>S. elongatus</i>	0.0	12.7	--	--	12.7
<i>S. entomelas</i>	0.0	0.0	--	--	0.0
<i>S. flavidus</i>	0.0	1.1	--	--	1.1
<i>S. helvomaculatus</i>	0.0	0.0	--	--	0.0
<i>S. melanops</i>	19.0	0.6	--	--	19.6
<i>S. paucispinus</i>	0.0	3.7	--	--	3.7
<i>S. pinniger</i>	0.0	4.8	--	--	4.8
<i>S. proriger</i>	0.0	0.0	--	--	0.0
<i>S. reedi</i>	0.0	0.0	--	--	0.0
<i>S. rubberimus</i>	0.0	0.3	--	--	0.3
<i>S. saxicola</i>	0.0	0.0	--	--	0.0
<i>S. zacentrus</i>	0.0	0.0	--	--	0.0
<i>S. alascanus</i>	0.0	0.0	--	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	--	--	0.0
<i>S. aleutianus</i>	0.0	0.0	--	--	0.0
<i>S. goodei</i>	0.0	0.0	--	--	0.0
Other	0.0	0.0	--	--	0.0
Total mt Landed	19.0	23.2	--	--	42.2

*Depth strata 81-120 & >120 not sampled.

Appendix Table C-163. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1977.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120*	
<i>S. alutus</i>	--	0.0	--	--	0.0
<i>S. aurora</i>	--	0.0	--	--	0.0
<i>S. babcocki</i>	--	0.0	--	--	0.0
<i>S. brevispinus</i>	--	0.0	--	--	0.0
<i>S. borealis</i>	--	0.0	--	--	0.0
<i>S. crameri</i>	--	0.0	--	--	0.0
<i>S. diploproa</i>	--	0.0	--	--	0.0
<i>S. elongatus</i>	--	0.0	--	--	0.0
<i>S. entomelas</i>	--	0.0	--	--	0.0
<i>S. flavidus</i>	--	4.0	--	--	4.0
<i>S. helvomaculatus</i>	--	0.0	--	--	0.0
<i>S. melanops</i>	--	0.0	--	--	0.0
<i>S. paucispinus</i>	--	0.0	--	--	0.0
<i>S. pinniger</i>	--	96.9	--	--	96.9
<i>S. proriger</i>	--	0.0	--	--	0.0
<i>S. reedi</i>	--	0.0	--	--	0.0
<i>S. rubberimus</i>	--	0.0	--	--	0.0
<i>S. saxicola</i>	--	0.0	--	--	0.0
<i>S. zacentrus</i>	--	0.0	--	--	0.0
<i>S. alascanus</i>	--	0.0	--	--	0.0
<i>S. chlorostictus</i>	--	0.0	--	--	0.0
<i>S. aleutianus</i>	--	0.0	--	--	0.0
<i>S. goodei</i>	--	0.0	--	--	0.0
Other	--	0.0	--	--	0.0
Total mt Landed	--	100.9	--	--	100.9

*Depth strata <50, 81-120 & >120 not sampled.

Appendix Table C-164. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1978.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120	
<i>S. alutus</i>	0.0	0.0	--	14.6	14.6
<i>S. aurora</i>	0.0	0.0	--	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	--	3.0	3.0
<i>S. brevispinus</i>	0.0	1.5	--	0.0	1.5
<i>S. borealis</i>	0.0	0.0	--	0.0	0.0
<i>S. crameri</i>	0.0	0.0	--	47.8	47.8
<i>S. diploproa</i>	0.0	0.0	--	1.5	1.5
<i>S. elongatus</i>	0.0	0.0	--	0.1	0.1
<i>S. entomelas</i>	0.0	0.0	--	0.0	0.0
<i>S. flavidus</i>	0.6	35.1	--	0.0	35.7
<i>S. helvomaculatus</i>	0.0	0.0	--	0.1	0.1
<i>S. melanops</i>	201.8	0.0	--	0.0	201.8
<i>S. paucispinus</i>	0.0	16.1	--	0.0	16.1
<i>S. pinniger</i>	14.8	8.1	--	0.0	22.9
<i>S. proriger</i>	0.0	0.0	--	0.0	0.0
<i>S. reedi</i>	0.0	12.1	--	0.0	12.1
<i>S. rubberimus</i>	2.1	2.4	--	0.0	4.5
<i>S. saxicola</i>	0.0	0.0	--	0.1	0.1
<i>S. zacentrus</i>	0.0	0.0	--	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	--	141.4	141.4
<i>S. chlorostictus</i>	0.0	0.0	--	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	--	0.0	0.0
<i>S. goodei</i>	0.0	0.0	--	0.0	0.0
Other	0.0	0.0	--	0.0	0.0
Total mt Landed	219.3	75.3	--	208.6	503.2

*Depth strata 81-120 not sampled.

Appendix Table C-165. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1979.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	0.0	--	269.7	159.0	428.7
<i>S. aurora</i>	0.0	--	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	--	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	--	13.7	0.0	13.7
<i>S. borealis</i>	0.0	--	0.0	0.0	0.0
<i>S. cramerii</i>	0.0	--	0.0	36.5	36.5
<i>S. diploproa</i>	0.0	--	70.7	0.0	70.7
<i>S. elongatus</i>	0.0	--	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	--	238.6	215.1	453.7
<i>S. flavidus</i>	0.0	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	0.0	0.0	0.0
<i>S. melanops</i>	186.9	--	0.0	0.0	186.9
<i>S. paucispinus</i>	0.0	--	41.0	6.9	47.9
<i>S. pinniger</i>	0.0	--	291.8	0.0	291.8
<i>S. proriger</i>	0.0	--	0.0	0.0	0.0
<i>S. reedi</i>	0.0	--	464.4	285.8	750.2
<i>S. rubberimus</i>	0.0	--	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	--	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	--	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	--	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	--	0.0	0.0	0.0
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	186.9	--	1,389.9	703.3	2,280.1

*Depth strata 51-80 not sampled.

Appendix Table C-166. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1980.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120*	
<i>S. alutus</i>	--	--	0.0	--	0.0
<i>S. aurora</i>	--	--	0.0	--	0.0
<i>S. babcocki</i>	--	--	0.1	--	0.1
<i>S. brevispinus</i>	--	--	75.6	--	75.6
<i>S. borealis</i>	--	--	0.0	--	0.0
<i>S. crameri</i>	--	--	0.0	--	0.0
<i>S. diploproa</i>	--	--	13.4	--	13.4
<i>S. elongatus</i>	--	--	0.0	--	0.0
<i>S. entomelas</i>	--	--	415.6	--	415.6
<i>S. flavidus</i>	--	--	0.1	--	0.1
<i>S. helvomaculatus</i>	--	--	0.0	--	0.0
<i>S. melanops</i>	--	--	0.0	--	0.0
<i>S. paucispinus</i>	--	--	6.7	--	6.7
<i>S. pinniger</i>	--	--	6.7	--	6.7
<i>S. proriger</i>	--	--	3.7	--	3.7
<i>S. reedi</i>	--	--	80.7	--	80.7
<i>S. rubberimus</i>	--	--	6.7	--	6.7
<i>S. saxicola</i>	--	--	0.0	--	0.0
<i>S. zacentrus</i>	--	--	0.1	--	0.1
<i>S. alascanus</i>	--	--	0.0	--	0.0
<i>S. chlorostictus</i>	--	--	0.0	--	0.0
<i>S. aleutianus</i>	--	--	0.0	--	0.0
<i>S. goodei</i>	--	--	0.0	--	0.0
Other	--	--	0.0	--	0.0
Total mt Landed	--	--	609.4	--	609.4

*Depth strata <50, 51-80 & >120 not sampled.

Appendix Table C-167. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1981.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.0	1.4	1.4
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.3	1.1	1.4
<i>S. brevispinus</i>	0.0	4.9	0.5	0.0	5.4
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	6.8	6.8
<i>S. diploproa</i>	0.0	0.0	0.0	0.1	0.1
<i>S. elongatus</i>	0.0	0.0	0.3	1.1	1.4
<i>S. entomelas</i>	0.0	0.0	258.8	11.9	270.7
<i>S. flavidus</i>	1.4	142.4	11.8	25.3	180.9
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	1.4	0.0	0.0	0.0	1.4
<i>S. paucispinus</i>	0.0	290.9	36.3	8.7	335.9
<i>S. pinniger</i>	0.5	387.4	91.4	4.4	483.7
<i>S. proriger</i>	0.0	13.4	0.9	14.3	28.6
<i>S. reedi</i>	0.0	0.0	0.1	0.0	0.1
<i>S. rubberimus</i>	0.0	16.0	4.1	0.1	20.2
<i>S. saxicola</i>	0.0	0.0	0.0	4.1	4.1
<i>S. zacentrus</i>	0.0	4.3	0.3	2.2	6.8
<i>S. alascanus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. chlorostictus</i>	0.0	3.1	1.0	0.0	4.1
<i>S. aleutianus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	3.3	862.5	405.9	81.5	1,353.2

Appendix Table C-168. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1982.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.0	17.0	17.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.1	0.0	0.1
<i>S. brevispinus</i>	0.0	44.3	5.0	1.6	50.9
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. cramerii</i>	0.0	0.0	0.0	82.1	82.1
<i>S. diploproa</i>	0.0	0.0	0.1	0.0	0.1
<i>S. elongatus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. entomelas</i>	0.0	133.3	380.1	109.6	623.0
<i>S. flavidus</i>	0.0	148.5	105.2	1.0	254.7
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	14.2	0.0	0.0	0.0	14.2
<i>S. paucispinus</i>	0.0	75.7	49.3	5.3	130.3
<i>S. pinniger</i>	1.4	1,174.4	215.4	44.5	1,435.7
<i>S. proriger</i>	0.0	16.4	85.5	0.0	101.9
<i>S. reedi</i>	0.0	0.0	6.8	44.1	50.9
<i>S. rubberimus</i>	0.0	34.3	8.7	2.3	45.3
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. alascanus</i>	0.7	0.0	0.0	21.9	22.6
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	2.8	0.0	2.8
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	16.3	1,627.0	859.0	329.5	2,831.8

Appendix Table C-169. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1983.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	27.0	50.3	77.3
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.6	2.5	1.2	4.3
<i>S. brevispinus</i>	0.0	35.7	207.6	40.0	283.3
<i>S. borealis</i>	0.0	0.0	0.1	0.0	0.1
<i>S. crameri</i>	0.0	0.0	12.8	21.5	34.3
<i>S. diploproa</i>	0.0	0.0	0.0	0.1	0.1
<i>S. elongatus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. entomelas</i>	0.0	21.1	304.5	313.9	639.5
<i>S. flavidus</i>	0.0	86.6	175.3	16.4	278.3
<i>S. helvomaculatus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. melanops</i>	21.5	0.0	0.0	0.0	21.5
<i>S. paucispinus</i>	0.0	30.6	134.8	36.3	201.7
<i>S. pinniger</i>	0.0	587.7	1,616.8	194.3	2,398.8
<i>S. proriger</i>	0.0	0.0	4.3	0.0	4.3
<i>S. reedi</i>	0.0	1.9	320.0	0.0	321.9
<i>S. rubberimus</i>	0.0	0.0	20.4	1.1	21.5
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	4.3	4.3
<i>S. alascanus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.1	0.0	0.1
Total mt Landed	21.5	764.2	2,826.5	679.5	4,291.7

Appendix Table C-170. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	3.4	0.0	0.0	0.0	3.4
<i>S. aurora</i>	2.1	0.0	0.0	0.0	2.1
<i>S. babcocki</i>	2.1	0.0	0.0	0.0	2.1
<i>S. brevispinus</i>	38.9	0.1	0.0	0.0	39.0
<i>S. borealis</i>	3.4	0.0	0.0	0.0	3.4
<i>S. crameri</i>	62.7	0.0	0.0	0.0	62.7
<i>S. diploproa</i>	6.9	0.0	0.1	0.0	7.0
<i>S. elongatus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. entomelas</i>	212.9	0.2	0.1	0.0	213.2
<i>S. flavidus</i>	287.8	10.0	7.2	0.0	305.0
<i>S. helvomaculatus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. melanops</i>	0.1	0.0	0.0	0.0	0.1
<i>S. paucispinus</i>	70.8	0.0	1.8	0.0	72.6
<i>S. pinniger</i>	392.2	2.1	11.2	0.0	405.5
<i>S. proriger</i>	5.9	2.0	0.6	0.0	8.5
<i>S. reedi</i>	281.4	0.1	0.0	0.0	281.5
<i>S. rubberimus</i>	8.0	0.0	0.0	0.0	8.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	2.7	0.0	0.0	0.0	2.7
<i>S. alascanus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. chlorostictus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. aleutianus</i>	10.1	0.0	0.0	0.4	10.5
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. rufus</i>	0.0	4.6	0.0	0.0	4.6
<i>S. jordani</i>	0.0	0.1	0.0	0.0	0.1
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	1,391.8	19.2	21.0	0.4	1,432.5

Appendix Table C-171. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	10.3	0.0	0.0	2.9	13.2
<i>S. aurora</i>	0.6	0.0	0.0	0.1	0.7
<i>S. babcocki</i>	2.4	0.0	0.0	0.3	2.7
<i>S. brevispinus</i>	90.1	0.4	0.2	0.3	91.0
<i>S. borealis</i>	4.1	0.0	0.0	8.2	12.3
<i>S. crameri</i>	88.3	0.0	0.0	38.9	127.2
<i>S. diploproa</i>	65.2	0.0	0.0	4.1	69.3
<i>S. elongatus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. entomelas</i>	2.5	0.0	0.0	0.2	2.7
<i>S. flavidus</i>	57.1	0.0	0.2	0.0	57.3
<i>S. helvomaculatus</i>	0.2	0.0	0.0	0.0	0.2
<i>S. melanops</i>	0.1	0.0	0.0	0.0	0.1
<i>S. paucispinus</i>	213.6	0.6	1.3	6.8	222.3
<i>S. pinniger</i>	275.7	0.0	15.3	14.2	305.2
<i>S. proriger</i>	49.9	0.0	0.0	6.1	56.0
<i>S. reedi</i>	480.4	0.0	0.0	5.5	485.9
<i>S. rubberimus</i>	41.7	0.1	0.0	1.1	42.9
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	49.0	0.0	0.0	0.2	49.2
<i>S. alascanus</i>	2.8	0.0	0.0	0.0	2.8
<i>S. chlorostictus</i>	0.2	0.0	0.0	0.0	0.2
<i>S. aleutianus</i>	16.8	0.0	0.0	4.0	20.8
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.3	0.0	0.0	0.0	0.3
<i>S. wilsoni</i>	0.1	0.0	0.0	0.0	0.1
<i>S. rufus</i>	10.7	0.0	0.0	0.0	10.7
Other	0.1	0.0	0.0	0.0	0.1
Total mt Landed	1,462.3	1.1	17.0	92.9	1,573.3

Appendix Table C-172. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	8.4	0.0	0.0	6.0	14.4
<i>S. aurora</i>	0.4	0.0	0.0	0.7	1.1
<i>S. babcocki</i>	0.6	0.0	0.0	4.0	4.6
<i>S. brevispinus</i>	38.5	0.0	0.5	0.2	39.2
<i>S. borealis</i>	3.7	0.0	0.0	2.4	6.1
<i>S. crameri</i>	25.6	0.0	0.1	53.3	79.0
<i>S. diploproa</i>	4.6	0.0	0.0	15.1	19.7
<i>S. elongatus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. entomelas</i>	2.0	0.0	0.0	1.3	3.3
<i>S. flavidus</i>	12.7	0.5	0.1	0.0	13.3
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. melanops</i>	0.1	0.0	0.0	0.0	0.1
<i>S. paucispinus</i>	38.3	0.0	0.8	0.0	39.1
<i>S. pinniger</i>	326.0	0.2	0.6	0.3	327.1
<i>S. proriger</i>	8.9	0.0	0.0	0.0	8.9
<i>S. reedi</i>	37.0	0.0	0.0	59.7	96.7
<i>S. rubberimus</i>	8.3	0.0	0.0	0.0	8.3
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	4.1	0.0	0.0	0.7	4.8
<i>S. alascanus</i>	1.9	0.0	0.0	1.2	3.1
<i>S. chlorostictus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. aleutianus</i>	41.3	0.0	0.0	30.7	72.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. wilsoni</i>	0.1	0.0	0.0	0.0	0.1
<i>S. rufus</i>	0.6	0.0	0.0	2.5	3.1
Other	0.1	0.0	0.0	0.2	0.3
Total mt Landed	563.5	0.7	2.1	178.4	744.7

Appendix Table C-173. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	2.1	0.0	0.0	32.3	34.4
<i>S. aurora</i>	0.0	0.0	0.0	0.1	0.1
<i>S. babcocki</i>	1.0	0.1	0.6	1.8	3.5
<i>S. brevispinus</i>	2.5	0.1	2.6	49.2	54.4
<i>S. borealis</i>	0.3	0.0	4.5	7.9	12.7
<i>S. crameri</i>	17.6	0.0	1.5	59.3	78.4
<i>S. diploproa</i>	3.5	0.0	0.0	39.1	42.6
<i>S. elongatus</i>	1.0	0.0	0.1	1.2	2.3
<i>S. entomelas</i>	6.7	0.0	0.3	1.2	8.2
<i>S. flavidus</i>	31.3	0.8	0.0	8.2	40.3
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. melanops</i>	0.1	0.0	0.0	0.0	0.1
<i>S. paucispinus</i>	27.9	0.1	0.4	7.6	36.0
<i>S. pinniger</i>	350.3	0.6	6.0	7.1	364.0
<i>S. proriger</i>	4.9	0.0	0.1	0.4	5.4
<i>S. reedi</i>	6.9	0.0	1.2	92.2	100.3
<i>S. rubberimus</i>	11.8	0.1	0.8	8.6	21.3
<i>S. saxicola</i>	0.0	0.0	0.0	0.1	0.1
<i>S. zacentrus</i>	1.6	0.0	0.7	4.5	6.8
<i>S. alascanus</i>	0.1	0.0	0.0	0.1	0.2
<i>S. chlorostictus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. aleutianus</i>	63.2	0.0	4.5	32.9	100.6
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. wilsoni</i>	0.0	0.0	0.0	0.1	0.1
<i>S. rufus</i>	0.1	0.0	0.0	0.0	0.1
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	533.1	1.8	23.3	354.0	912.2

Appendix Table C-174. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	2.4	--	0.6	24.0	27.0
<i>S. aurora</i>	1.5	--	0.6	4.4	6.5
<i>S. babcocki</i>	2.0	--	0.1	3.8	5.9
<i>S. brevispinus</i>	48.6	--	9.6	5.7	63.9
<i>S. borealis</i>	0.0	--	1.1	2.0	3.1
<i>S. crameri</i>	27.2	--	0.8	75.4	103.4
<i>S. diploproa</i>	8.9	--	3.3	25.1	37.3
<i>S. elongatus</i>	1.8	--	0.1	0.2	2.1
<i>S. entomelas</i>	3.4	--	0.0	0.2	3.6
<i>S. flavidus</i>	38.6	--	0.8	0.3	39.7
<i>S. helvomaculatus</i>	0.2	--	0.0	0.1	0.3
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	53.2	--	7.2	0.0	60.4
<i>S. pinniger</i>	384.0	--	35.4	0.6	420.0
<i>S. proriger</i>	10.3	--	0.9	3.9	15.1
<i>S. reedi</i>	65.1	--	3.9	70.7	139.7
<i>S. rubberimus</i>	32.9	--	9.6	4.5	47.0
<i>S. saxicola</i>	0.0	--	0.0	0.0	0.0
<i>S. zacentrus</i>	5.1	--	0.9	10.8	16.8
<i>S. alascanus</i>	0.1	--	0.0	3.9	4.0
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	38.7	--	1.4	9.2	49.3
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
<i>S. wilsoni</i>	0.1	--	0.0	0.0	0.1
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	724.1	--	76.3	244.8	1,045.2

*Depth strata 51-80 not sampled.

Appendix Table C-175. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	11.0	0.3	2.0	2.0	15.3
<i>S. aurora</i>	0.0	0.0	3.6	3.6	7.2
<i>S. babcocki</i>	1.8	0.0	0.0	0.0	1.8
<i>S. brevispinus</i>	68.5	0.5	9.5	9.5	88.0
<i>S. borealis</i>	13.0	2.9	0.0	0.0	15.9
<i>S. cramerii</i>	21.1	2.3	17.7	17.7	58.8
<i>S. diploproa</i>	3.5	0.9	6.4	6.4	17.2
<i>S. elongatus</i>	0.9	0.1	0.1	0.1	1.2
<i>S. entomelas</i>	4.8	1.8	1.8	1.8	10.2
<i>S. flavidus</i>	58.3	4.6	0.5	0.5	63.9
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	95.4	3.7	0.8	0.8	100.7
<i>S. pinniger</i>	499.5	50.4	62.9	62.9	675.7
<i>S. proriger</i>	27.4	1.9	0.0	0.0	29.3
<i>S. reedi</i>	68.8	0.2	7.5	7.5	84.0
<i>S. rubberimus</i>	47.3	1.7	3.3	3.3	55.6
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	10.8	2.2	0.0	0.0	13.0
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	10.0	1.1	20.7	20.8	52.6
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rufus</i>	0.6	0.0	0.0	0.0	0.6
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	942.7	74.6	136.8	136.9	1,291.0

Appendix Table C-176. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	0.8	--	0.1	4.7	5.6
<i>S. aurora</i>	0.1	--	0.0	1.2	1.3
<i>S. babcocki</i>	1.4	--	0.6	1.8	3.8
<i>S. brevispinus</i>	4.2	--	0.3	0.0	4.5
<i>S. borealis</i>	0.0	--	0.0	8.6	8.6
<i>S. cramerii</i>	14.3	--	0.0	60.0	74.3
<i>S. diploproa</i>	1.0	--	0.0	5.4	6.4
<i>S. elongatus</i>	0.0	--	0.0	0.0	0.0
<i>S. entomelas</i>	0.5	--	0.1	0.2	0.8
<i>S. flavidus</i>	0.0	--	0.0	0.1	0.1
<i>S. helvomaculatus</i>	0.0	--	0.0	0.1	0.1
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	15.0	--	0.2	0.0	15.2
<i>S. pinniger</i>	53.0	--	5.1	0.0	58.1
<i>S. proriger</i>	1.1	--	0.1	0.2	1.4
<i>S. reedi</i>	9.3	--	1.2	46.8	57.3
<i>S. rubberimus</i>	7.5	--	0.7	0.0	8.2
<i>S. saxicola</i>	0.0	--	0.0	0.0	0.0
<i>S. zacentrus</i>	0.1	--	0.1	0.9	1.1
<i>S. alascanus</i>	0.0	--	0.0	0.1	0.1
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	14.2	--	0.1	9.9	24.2
<i>S. goodei</i>	0.0	--	0.0	0.1	0.1
<i>S. rufus</i>	1.3	--	0.0	0.3	1.6
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	123.8	--	8.6	140.4	272.8

*Depth strata 51-80 not sampled.

Appendix Table C-177. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	1.4	19.6	21.0
<i>S. aurora</i>	--	0.0	0.0	20.2	20.2
<i>S. babcocki</i>	--	2.2	0.2	0.0	2.4
<i>S. brevispinus</i>	--	3.8	0.0	0.2	4.0
<i>S. borealis</i>	--	0.0	0.0	33.1	33.1
<i>S. crameri</i>	--	0.0	10.4	75.1	85.5
<i>S. diploproa</i>	--	0.0	0.0	11.3	11.3
<i>S. elongatus</i>	--	0.0	4.0	0.0	4.0
<i>S. entomelas</i>	--	0.0	4.0	0.0	4.0
<i>S. flavidus</i>	--	13.2	40.8	0.0	54.0
<i>S. helvomaculatus</i>	--	0.0	0.0	1.6	1.6
<i>S. melanops</i>	--	0.8	0.0	0.0	0.8
<i>S. paucispinus</i>	--	1.7	0.0	8.0	9.7
<i>S. pinniger</i>	--	76.8	19.1	11.4	107.3
<i>S. proriger</i>	--	0.0	0.0	7.3	7.3
<i>S. reedi</i>	--	13.6	0.0	18.6	32.2
<i>S. rubberimus</i>	--	4.0	0.0	0.0	4.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	2.4	2.4
<i>S. alascanus</i>	--	0.0	0.0	0.8	0.8
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	1.6	389.0	390.6
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	--	0.0	0.0	9.7	9.7
<i>S. altivelis</i>	--	0.0	0.0	0.8	0.8
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	116.1	81.5	609.1	806.7

*Depth strata <50 not sampled.

Appendix Table C-178. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.7	7.6	8.5	16.8
<i>S. aurora</i>	0.0	0.0	0.0	1.8	1.8
<i>S. babcocki</i>	0.0	0.0	0.0	0.9	0.9
<i>S. brevispinus</i>	0.0	0.0	9.1	9.4	18.5
<i>S. borealis</i>	0.0	0.0	0.0	12.3	12.3
<i>S. crameri</i>	0.0	6.0	3.0	45.7	54.7
<i>S. diploproa</i>	0.0	1.1	0.0	5.1	6.2
<i>S. elongatus</i>	0.0	1.0	1.6	0.0	2.6
<i>S. entomelas</i>	0.0	0.0	0.1	5.2	5.3
<i>S. flavidus</i>	0.0	0.0	9.7	0.0	9.7
<i>S. helvomaculatus</i>	0.0	0.0	0.4	0.5	0.9
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	5.9	71.3	17.3	94.5
<i>S. pinniger</i>	9.7	121.2	245.3	12.4	388.6
<i>S. proriger</i>	0.0	11.0	1.4	0.0	12.4
<i>S. reedi</i>	0.0	2.8	68.7	102.4	173.9
<i>S. rubberimus</i>	10.1	7.9	4.3	2.4	24.7
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.1	3.2	1.1	4.4
<i>S. alascanus</i>	0.0	0.0	0.0	0.9	0.9
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	52.9	52.9
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rufus</i>	0.0	0.0	0.0	0.9	0.9
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	19.8	157.7	425.7	279.7	882.9

Appendix Table C-179. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 2C, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.9	0.3	4.0	5.2
<i>S. aurora</i>	--	1.5	1.8	2.9	6.2
<i>S. babcocki</i>	--	0.0	0.4	1.6	2.0
<i>S. brevispinus</i>	--	0.0	0.0	6.2	6.2
<i>S. borealis</i>	--	0.0	5.5	8.0	13.5
<i>S. crameri</i>	--	18.7	1.3	46.5	66.5
<i>S. diploproa</i>	--	5.6	0.2	5.6	11.4
<i>S. elongatus</i>	--	0.0	2.4	0.6	3.0
<i>S. entomelas</i>	--	0.0	0.8	0.2	1.0
<i>S. flavidus</i>	--	0.0	0.0	1.0	1.0
<i>S. helvomaculatus</i>	--	0.0	0.0	1.0	1.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	9.7	14.2	0.0	23.9
<i>S. pinniger</i>	--	585.8	142.1	11.8	739.7
<i>S. proriger</i>	--	3.0	0.7	0.5	4.2
<i>S. reedi</i>	--	4.5	0.0	15.2	19.7
<i>S. rubberimus</i>	--	3.6	3.0	2.8	9.4
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.1	0.0	0.9	1.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	4.0	1.1	117.6	122.7
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	--	0.0	0.0	1.0	1.0
<i>S. rufus</i>	--	0.0	0.0	1.0	1.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	637.4	173.8	228.4	1,039.6

*Depth strata <50 not sampled.

Appendix Table C-180. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1963.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	4.6	20.2	0.0	0.0	24.8
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	4.6	0.5	23.4	0.0	28.5
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. cramerii</i>	0.0	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	7.2	11.1	129.1	0.0	147.4
<i>S. flavidus</i>	304.1	268.9	126.3	6.4	705.7
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	17.0	2.0	2.1	0.0	21.1
<i>S. paucispinus</i>	0.4	4.7	2.3	0.0	7.4
<i>S. pinniger</i>	117.1	167.9	7.9	0.6	293.5
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	2.7	2.2	0.0	4.9
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	2.5	0.0	2.5
<i>S. goodei</i>	1.2	0.0	0.0	0.0	1.2
Other	0.1	0.0	0.0	0.0	0.1
Total mt Landed	456.3	478.0	295.8	7.0	1,237.1

Appendix Table C-181. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1964.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.1	0.0	0.1
<i>S. brevispinus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	5.1	10.9	6.9	0.0	22.9
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	2.6	0.0	0.0	2.6
<i>S. entomelas</i>	0.4	115.5	61.3	0.0	177.2
<i>S. flavidus</i>	160.1	246.4	72.9	0.0	479.4
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.3	5.1	1.0	0.0	6.4
<i>S. paucispinus</i>	0.3	4.5	0.3	0.0	5.1
<i>S. pinniger</i>	125.3	371.8	114.3	0.0	611.4
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.3	0.0	1.0	0.0	1.3
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. goodei</i>	0.0	0.0	0.1	0.0	0.1
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	291.9	756.8	258.0	0.1	1,306.8

Appendix Table C-182. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1965.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	32.0	3.2	3.9	39.1
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.8	0.0	0.0	0.8
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.1	0.1
<i>S. diploproa</i>	0.0	0.1	0.0	0.0	0.1
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	0.0	29.1	0.0	29.1
<i>S. flavidus</i>	90.9	188.4	49.3	2.0	330.6
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	107.4	0.0	0.0	0.0	107.4
<i>S. paucispinus</i>	0.3	1.3	1.5	0.0	3.1
<i>S. pinniger</i>	77.3	93.6	83.4	0.8	255.1
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.8	0.0	0.8
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.8	0.8
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	275.9	316.2	167.3	7.6	767.0

Appendix Table C-183. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1966.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	1.6	4.8	4.8	11.2
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	2.0	7.8	0.0	9.8
<i>S. brevispinus</i>	0.0	5.5	1.4	0.0	6.9
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	1.3	0.0	0.1	1.4
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. entomelas</i>	2.9	120.9	162.6	0.0	286.4
<i>S. flavidus</i>	133.9	160.2	263.9	2.2	560.2
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	176.9	8.9	0.0	0.0	185.8
<i>S. paucispinus</i>	1.4	18.5	8.0	0.0	27.9
<i>S. pinniger</i>	37.1	206.2	61.2	0.0	304.5
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.4	1.0	0.0	1.4
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	1.4	0.0	0.0	1.4
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	352.2	527.0	510.7	7.2	1,397.1

Appendix Table C-184. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1967.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	1.3	0.0	1.3
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	0.5	151.8	282.4	28.2	462.9
<i>S. flavidus</i>	105.2	181.0	133.6	23.9	443.7
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	234.0	0.0	0.0	0.0	234.0
<i>S. paucispinus</i>	0.0	14.0	0.0	4.0	18.0
<i>S. pinniger</i>	41.1	53.2	6.4	22.5	123.2
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	1.3	0.0	0.0	1.3
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	1.3	0.0	1.3
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.1	0.0	0.1
Total mt Landed	380.9	401.3	425.1	78.6	1,285.9

Appendix Table C-185. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1968.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	1.0	0.0	--	1.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	0.0	8.3	--	8.3
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.0	0.1	--	0.1
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	1.0	0.0	--	1.0
<i>S. entomelas</i>	13.6	40.4	75.1	--	129.1
<i>S. flavidus</i>	162.6	281.6	29.9	--	474.1
<i>S. helvomaculatus</i>	0.0	1.0	0.0	--	1.0
<i>S. melanops</i>	118.8	0.0	0.0	--	118.8
<i>S. paucispinus</i>	0.0	2.1	3.1	--	5.2
<i>S. pinniger</i>	71.8	202.4	6.2	--	280.4
<i>S. proriger</i>	0.0	0.0	0.0	--	0.0
<i>S. reedi</i>	0.1	0.0	0.0	--	0.1
<i>S. rubberimus</i>	0.0	2.1	0.0	--	2.1
<i>S. saxicola</i>	0.0	0.0	0.1	--	0.1
<i>S. zacentrus</i>	0.0	0.1	0.0	--	0.1
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	1.1	6.7	3.6	--	11.4
Total mt Landed	368.0	538.4	126.4	--	1,032.8

*Depth strata >120 not sampled.

Appendix Table C-186. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1969.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	4.6	0.9	29.0	--	34.5
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.1	--	0.1
<i>S. brevispinus</i>	0.0	0.4	1.6	--	2.0
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.8	0.2	1.9	--	2.9
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.1	0.0	--	0.1
<i>S. entomelas</i>	14.4	46.1	41.9	--	102.4
<i>S. flavidus</i>	346.7	37.0	153.0	--	536.7
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	214.7	1.8	3.1	--	219.6
<i>S. paucispinus</i>	15.6	0.6	5.5	--	21.7
<i>S. pinniger</i>	44.5	8.9	7.4	--	60.8
<i>S. proriger</i>	0.0	0.0	0.0	--	0.0
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	--	0.0
<i>S. alascanus</i>	0.0	1.4	2.5	--	3.9
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.1	0.0	0.0	--	0.1
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	641.4	97.4	246.0	--	984.8

*Depth strata >120 not sampled.

Appendix Table C-187. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1970.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120*	
<i>S. alutus</i>	0.1	0.0	--	--	0.1
<i>S. aurora</i>	0.0	0.0	--	--	0.0
<i>S. babcocki</i>	0.1	0.0	--	--	0.1
<i>S. brevispinus</i>	0.1	0.0	--	--	0.1
<i>S. borealis</i>	0.0	0.0	--	--	0.0
<i>S. crameri</i>	0.0	0.0	--	--	0.0
<i>S. diploproa</i>	0.0	0.0	--	--	0.0
<i>S. elongatus</i>	0.0	0.0	--	--	0.0
<i>S. entomelas</i>	0.0	0.1	--	--	0.1
<i>S. flavidus</i>	101.0	11.5	--	--	112.5
<i>S. helvomaculatus</i>	0.0	0.0	--	--	0.0
<i>S. melanops</i>	312.3	0.0	--	--	312.3
<i>S. paucispinus</i>	0.0	0.1	--	--	0.1
<i>S. pinniger</i>	47.3	308.6	--	--	355.9
<i>S. proriger</i>	0.0	0.0	--	--	0.0
<i>S. reedi</i>	0.0	0.0	--	--	0.0
<i>S. rubberimus</i>	0.1	0.0	--	--	0.1
<i>S. saxicola</i>	0.0	0.0	--	--	0.0
<i>S. zacentrus</i>	0.0	0.0	--	--	0.0
<i>S. alascanus</i>	0.1	0.0	--	--	0.1
<i>S. chlorostictus</i>	0.0	0.0	--	--	0.0
<i>S. aleutianus</i>	0.1	0.0	--	--	0.1
<i>S. goodei</i>	0.0	0.0	--	--	0.0
Other	0.0	0.0	--	--	0.0
Total mt Landed	461.2	320.3	--	--	781.5

*Depth strata 81-120 & >120 not sampled.

Appendix Table C-188. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1971.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.0	--	0.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	0.0	15.1	--	15.1
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.1	0.0	0.0	--	0.1
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.5	0.0	0.0	--	0.5
<i>S. entomelas</i>	0.5	0.0	0.0	--	0.5
<i>S. flavidus</i>	56.6	20.9	31.1	--	108.6
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	134.1	0.0	0.0	--	134.1
<i>S. paucispinus</i>	1.2	0.0	11.3	--	12.5
<i>S. pinniger</i>	177.2	40.7	30.0	--	247.9
<i>S. proriger</i>	0.0	0.0	0.0	--	0.0
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	--	0.0
<i>S. alascanus</i>	0.5	0.0	0.0	--	0.5
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	370.7	61.6	87.5	--	519.8

*Depth strata >120 not sampled.

Appendix Table C-189. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1972.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120*	
<i>S. alutus</i>	0.0	0.1	--	--	0.1
<i>S. aurora</i>	0.0	0.0	--	--	0.0
<i>S. babcocki</i>	0.0	1.7	--	--	1.7
<i>S. brevispinus</i>	0.0	0.0	--	--	0.0
<i>S. borealis</i>	0.0	0.0	--	--	0.0
<i>S. crameri</i>	0.0	2.4	--	--	2.4
<i>S. diploproa</i>	0.0	0.0	--	--	0.0
<i>S. elongatus</i>	0.0	0.0	--	--	0.0
<i>S. entomelas</i>	3.3	1.4	--	--	4.7
<i>S. flavidus</i>	245.4	195.2	--	--	440.6
<i>S. helvomaculatus</i>	0.0	0.0	--	--	0.0
<i>S. melanops</i>	85.0	30.5	--	--	115.5
<i>S. paucispinus</i>	0.7	2.3	--	--	3.0
<i>S. pinniger</i>	116.6	179.0	--	--	295.6
<i>S. proriger</i>	0.0	0.0	--	--	0.0
<i>S. reedi</i>	0.0	0.0	--	--	0.0
<i>S. rubberimus</i>	0.0	0.0	--	--	0.0
<i>S. saxicola</i>	0.0	0.0	--	--	0.0
<i>S. zacentrus</i>	0.0	0.0	--	--	0.0
<i>S. alascanus</i>	0.0	0.0	--	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	--	--	0.0
<i>S. aleutianus</i>	0.0	0.0	--	--	0.0
<i>S. goodei</i>	0.0	0.0	--	--	0.0
Other	0.0	0.0	--	--	0.0
Total mt Landed	451.0	412.6	--	--	863.6

*Depth strata 81-120 & >120 not sampled.

Appendix Table C-190. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1973.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120*	
<i>S. alutus</i>	0.0	1.3	--	--	1.3
<i>S. aurora</i>	0.0	0.0	--	--	0.0
<i>S. babcocki</i>	0.0	0.0	--	--	0.0
<i>S. brevispinus</i>	0.0	0.0	--	--	0.0
<i>S. borealis</i>	0.0	0.0	--	--	0.0
<i>S. cramerii</i>	0.0	0.4	--	--	0.4
<i>S. diploproa</i>	0.0	0.0	--	--	0.0
<i>S. elongatus</i>	0.0	0.1	--	--	0.1
<i>S. entomelas</i>	0.0	9.5	--	--	9.5
<i>S. flavidus</i>	268.3	179.4	--	--	447.7
<i>S. helvomaculatus</i>	0.0	0.0	--	--	0.0
<i>S. melanops</i>	48.3	0.0	--	--	48.3
<i>S. paucispinus</i>	2.4	3.6	--	--	6.0
<i>S. pinniger</i>	24.1	324.9	--	--	349.0
<i>S. proriger</i>	0.0	0.0	--	--	0.0
<i>S. reedi</i>	0.0	0.0	--	--	0.0
<i>S. rubberimus</i>	0.0	0.0	--	--	0.0
<i>S. saxicola</i>	0.0	0.0	--	--	0.0
<i>S. zacentrus</i>	0.0	0.0	--	--	0.0
<i>S. alascanus</i>	0.0	0.0	--	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	--	--	0.0
<i>S. aleutianus</i>	0.0	0.0	--	--	0.0
<i>S. goodei</i>	0.0	0.0	--	--	0.0
Other	0.0	0.0	--	--	0.0
Total mt Landed	343.1	519.2	--	--	862.3

*Depth strata 81-120 & >120 not sampled.

Appendix Table C-191. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1974.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.1	--	0.1
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.1	0.0	--	0.1
<i>S. brevispinus</i>	0.0	0.0	0.1	--	0.1
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.0	0.0	--	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.0	0.1	--	0.1
<i>S. entomelas</i>	0.1	0.0	0.0	--	0.1
<i>S. flavidus</i>	55.1	121.3	24.1	--	200.5
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	74.9	0.0	0.0	--	74.9
<i>S. paucispinus</i>	0.0	4.7	2.9	--	7.6
<i>S. pinniger</i>	23.9	272.7	49.9	--	346.5
<i>S. proriger</i>	0.0	0.0	0.0	--	0.0
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	--	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	4.6	--	4.6
Total mt Landed	154.0	398.8	81.8	--	634.6

*Depth strata >120 not sampled.

Appendix Table C-192. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1975.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.1	--	0.1
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	0.0	0.1	--	0.1
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.6	0.0	--	0.6
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.0	0.1	--	0.1
<i>S. entomelas</i>	0.0	4.1	0.0	--	4.1
<i>S. flavidus</i>	140.6	177.4	0.0	--	318.0
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	154.9	0.0	0.0	--	154.9
<i>S. paucispinus</i>	1.5	4.0	0.0	--	5.5
<i>S. pinniger</i>	8.6	191.9	0.0	--	200.5
<i>S. proriger</i>	0.0	0.2	0.0	--	0.2
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.6	0.0	--	0.6
<i>S. saxicola</i>	0.0	0.6	0.0	--	0.6
<i>S. zacentrus</i>	0.0	0.1	0.0	--	0.1
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	305.6	379.3	0.3	--	685.4

*Depth strata >120 not sampled.

Appendix Table C-193. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1976.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120*	
<i>S. alutus</i>	0.0	5.5	--	--	5.5
<i>S. aurora</i>	0.0	0.0	--	--	0.0
<i>S. babcocki</i>	0.0	0.0	--	--	0.0
<i>S. brevispinus</i>	0.0	0.1	--	--	0.1
<i>S. borealis</i>	0.0	0.0	--	--	0.0
<i>S. crameri</i>	0.0	3.4	--	--	3.4
<i>S. diploproa</i>	0.0	0.0	--	--	0.0
<i>S. elongatus</i>	0.0	0.1	--	--	0.1
<i>S. entomelas</i>	30.2	22.8	--	--	53.0
<i>S. flavidus</i>	637.7	293.3	--	--	931.0
<i>S. helvomaculatus</i>	0.0	0.0	--	--	0.0
<i>S. melanops</i>	270.0	0.0	--	--	270.0
<i>S. paucispinus</i>	8.2	0.3	--	--	8.5
<i>S. pinniger</i>	112.9	32.0	--	--	144.9
<i>S. proriger</i>	0.0	0.0	--	--	0.0
<i>S. reedi</i>	0.0	0.0	--	--	0.0
<i>S. rubberimus</i>	0.0	0.0	--	--	0.0
<i>S. saxicola</i>	0.0	0.0	--	--	0.0
<i>S. zacentrus</i>	0.0	0.0	--	--	0.0
<i>S. alascanus</i>	0.0	2.8	--	--	2.8
<i>S. chlorostictus</i>	0.0	0.0	--	--	0.0
<i>S. aleutianus</i>	0.0	0.0	--	--	0.0
<i>S. goodei</i>	0.0	0.0	--	--	0.0
Other	0.0	0.0	--	--	0.0
Total mt Landed	1,059.0	360.3	--	--	1,419.3

*Depth strata 81-120 & >120 not sampled.

Appendix Table C-194. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1977.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	2.9	0.0	--	2.9
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	2.9	0.0	--	2.9
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	2.9	0.0	--	2.9
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.1	0.0	--	0.1
<i>S. entomelas</i>	0.0	264.1	52.6	--	316.7
<i>S. flavidus</i>	1.0	900.2	114.8	--	1,016.0
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	14.5	0.3	0.0	--	14.8
<i>S. paucispinus</i>	0.0	5.9	0.0	--	5.9
<i>S. pinniger</i>	0.0	108.6	2.5	--	111.1
<i>S. proriger</i>	0.0	2.8	0.1	--	2.9
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	0.1	--	0.1
<i>S. alascanus</i>	0.0	0.1	0.0	--	0.1
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	15.5	1,290.8	170.1	--	1,476.4

*Depth strata >120 not sampled.

Appendix Table C-195. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1978.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.1	7.8	--	7.9
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	0.0	0.1	--	0.1
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.0	0.1	--	0.1
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.1	7.8	--	7.9
<i>S. entomelas</i>	31.2	304.9	129.4	--	465.5
<i>S. flavidus</i>	304.5	948.1	489.6	--	1,742.2
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	85.1	0.0	0.0	--	85.1
<i>S. paucispinus</i>	4.2	22.4	8.0	--	34.6
<i>S. pinniger</i>	6.0	124.1	157.1	--	287.2
<i>S. proriger</i>	0.0	0.0	0.0	--	0.0
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.1	7.8	--	7.9
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	13.5	7.8	--	21.3
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	431.0	1,413.3	815.5	--	2,659.8

*Depth strata >120 not sampled.

Appendix Table C-196. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1979.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	177.0	1.4	178.4
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.1	0.0	0.1
<i>S. brevispinus</i>	0.0	2.8	0.0	0.0	2.8
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. cramerii</i>	0.0	0.0	46.7	0.7	47.4
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	2.8	2.8
<i>S. entomelas</i>	0.0	381.3	156.8	2.7	540.8
<i>S. flavidus</i>	67.3	556.8	551.0	321.8	1,496.9
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	228.6	0.0	0.0	0.0	228.6
<i>S. paucispinus</i>	0.0	5.0	14.5	0.0	19.5
<i>S. pinniger</i>	0.9	20.2	147.5	9.8	178.4
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	22.3	0.0	22.3
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	11.2	0.0	11.2
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	52.8	4.4	1.3	58.5
Total mt Landed	296.8	1,018.9	1,131.5	340.5	2,787.7

Appendix Table C-197. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1980.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	7.1	5.5	--	12.6
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.1	--	0.1
<i>S. brevispinus</i>	0.0	32.3	34.8	--	67.1
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	4.2	0.0	--	4.2
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	8.4	0.0	--	8.4
<i>S. entomelas</i>	0.0	107.9	131.0	--	238.9
<i>S. flavidus</i>	0.0	1,596.3	1,329.0	--	2,925.3
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	14.1	2.7	0.0	--	16.8
<i>S. paucispinus</i>	0.0	47.2	70.1	--	117.3
<i>S. pinniger</i>	0.0	490.2	289.1	--	779.3
<i>S. proriger</i>	0.0	0.0	0.0	--	0.0
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	--	0.0
<i>S. alascanus</i>	0.0	0.0	0.1	--	0.1
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	15.7	5.2	--	20.9
Total mt Landed	14.1	2,312.0	1,864.9	--	4,191.0

*Depth strata >120 not sampled.

Appendix Table C-198. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1981.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	14.4	0.1	14.5
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	2.5	1.1	3.6
<i>S. brevispinus</i>	0.0	0.0	35.8	0.7	36.5
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.1	0.0	0.1
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. entomelas</i>	0.0	355.0	0.0	877.8	1,232.8
<i>S. flavidus</i>	3.7	414.2	1,405.2	25.9	1,849.0
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	346.5	0.0	0.0	0.0	346.5
<i>S. paucispinus</i>	0.0	0.0	30.5	2.3	32.8
<i>S. pinniger</i>	3.1	23.4	58.0	10.3	94.8
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	25.8	10.2	0.5	36.5
Total mt Landed	353.3	818.4	1,556.9	918.7	3,647.3

Appendix Table C-199. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1982.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.8	2.3	3.1
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	1.1	0.4	1.5
<i>S. brevispinus</i>	0.0	4.0	23.5	0.4	27.9
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	1.0	0.5	1.5
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	4.6	0.0	0.0	4.6
<i>S. entomelas</i>	1.0	10.8	78.0	1.5	91.3
<i>S. flavidus</i>	247.6	218.1	288.1	42.2	796.0
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	244.6	0.0	0.0	0.0	244.6
<i>S. paucispinus</i>	0.0	6.8	28.8	1.6	37.2
<i>S. pinniger</i>	5.5	64.3	205.2	14.5	289.5
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	1.5	0.0	1.5
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	2.8	1.8	4.6
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	1.4	0.1	1.5
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	14.9	3.1	10.3	15.0	43.3
Total mt Landed	513.6	311.7	642.5	80.3	1,548.1

Appendix Table C-200. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1983.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.1	3.8	5.1	8.7	17.7
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	2.2	4.3	3.6	10.1
<i>S. brevispinus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	1.0	2.8	3.8	7.6
<i>S. diploproa</i>	0.0	0.0	1.4	1.1	2.5
<i>S. elongatus</i>	0.0	0.9	1.2	0.4	2.5
<i>S. entomelas</i>	0.0	87.0	143.6	32.9	263.5
<i>S. flavidus</i>	1.7	801.7	901.4	15.5	1,720.3
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	54.5	5.0	1.3	0.0	60.8
<i>S. paucispinus</i>	0.1	12.4	34.3	1.3	48.1
<i>S. pinniger</i>	0.7	80.3	145.4	1.6	228.0
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	1.7	3.4	5.1
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	2.8	1.2	6.1	10.1
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	5.1	5.1
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	31.6	113.3	7.1	152.0
Total mt Landed	57.1	1,028.7	1,357.1	90.6	2,533.5

Appendix Table C-201. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.2	0.4	3.1	3.0	6.7
<i>S. aurora</i>	0.0	0.1	0.1	0.3	0.5
<i>S. babcocki</i>	0.1	0.7	2.4	1.7	4.9
<i>S. brevispinus</i>	0.1	6.7	15.2	1.0	23.0
<i>S. borealis</i>	0.0	0.0	1.0	2.0	3.0
<i>S. crameri</i>	0.1	0.2	1.6	11.5	13.4
<i>S. diploproa</i>	0.0	0.0	0.3	0.6	0.9
<i>S. elongatus</i>	0.0	0.0	0.2	0.1	0.3
<i>S. entomelas</i>	2.0	11.1	43.3	0.2	56.6
<i>S. flavidus</i>	28.2	131.7	193.5	11.9	365.3
<i>S. helvomaculatus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. melanops</i>	67.1	0.0	0.1	0.0	67.2
<i>S. paucispinus</i>	7.8	3.4	3.9	0.5	15.6
<i>S. pinniger</i>	1.0	20.8	63.6	1.7	87.1
<i>S. proriger</i>	0.1	0.4	0.9	0.0	1.4
<i>S. reedi</i>	2.3	0.0	3.3	5.9	11.5
<i>S. rubberimus</i>	0.1	1.0	3.3	0.1	4.5
<i>S. saxicola</i>	0.0	0.0	0.1	0.0	0.1
<i>S. zacentrus</i>	0.4	0.2	2.6	2.0	5.2
<i>S. alascanus</i>	0.1	0.2	1.5	1.8	3.6
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	0.0	1.7	1.8	3.6
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	0.0	0.0	0.3	0.2	0.5
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	109.7	176.9	342.1	46.3	675.0

Appendix Table C-202. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.1	0.2	5.6	26.0	31.9
<i>S. aurora</i>	0.0	0.0	0.4	0.7	1.1
<i>S. babcocki</i>	0.1	3.7	23.1	9.6	36.5
<i>S. brevispinus</i>	4.8	6.5	111.1	4.0	126.4
<i>S. borealis</i>	0.1	0.0	5.5	19.3	24.9
<i>S. crameri</i>	0.3	0.6	18.9	36.9	56.7
<i>S. diploproa</i>	0.2	0.0	6.3	5.2	11.7
<i>S. elongatus</i>	0.0	0.8	2.0	0.6	3.4
<i>S. entomelas</i>	0.2	1.1	1.7	0.2	3.2
<i>S. flavidus</i>	1.5	17.9	4.6	8.1	32.1
<i>S. helvomaculatus</i>	0.0	0.0	0.6	0.2	0.8
<i>S. melanops</i>	32.2	5.9	0.0	0.0	38.1
<i>S. paucispinus</i>	0.3	3.9	87.5	1.7	93.4
<i>S. pinniger</i>	1.6	8.6	367.7	3.3	381.2
<i>S. proriger</i>	0.1	0.1	5.4	3.2	8.8
<i>S. reedi</i>	6.7	1.6	30.0	11.7	50.0
<i>S. rubberimus</i>	0.0	2.0	12.2	1.0	15.2
<i>S. saxicola</i>	0.0	0.0	0.3	0.2	0.5
<i>S. zacentrus</i>	0.3	0.8	32.2	12.0	45.3
<i>S. alascanus</i>	0.1	1.5	5.2	14.8	21.6
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	0.8	2.9	20.6	24.4
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	0.0	0.0	0.0	0.3	0.3
<i>S. rufus</i>	0.1	0.0	0.0	0.0	0.1
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	48.8	56.0	723.2	179.6	1,007.6

Appendix Table C-203. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.2	0.1	9.2	5.1	14.6
<i>S. aurora</i>	0.7	0.1	0.3	2.0	3.1
<i>S. babcocki</i>	0.4	0.1	3.1	9.5	13.1
<i>S. brevispinus</i>	17.9	0.4	83.6	12.7	114.6
<i>S. borealis</i>	8.4	0.6	2.3	14.7	26.0
<i>S. crameri</i>	0.6	1.5	44.6	12.4	59.1
<i>S. diploproa</i>	0.7	0.0	3.6	0.9	5.2
<i>S. elongatus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. entomelas</i>	0.1	0.0	3.5	2.3	5.9
<i>S. flavidus</i>	8.2	0.0	2.4	2.9	13.5
<i>S. helvomaculatus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. melanops</i>	55.4	0.0	0.0	0.0	55.4
<i>S. paucispinus</i>	0.4	1.6	38.1	7.2	47.3
<i>S. pinniger</i>	2.8	33.9	168.2	28.7	233.6
<i>S. proriger</i>	0.0	0.0	0.1	0.0	0.1
<i>S. reedi</i>	4.2	0.5	6.7	11.6	23.0
<i>S. rubberimus</i>	0.1	0.1	1.5	2.9	4.6
<i>S. saxicola</i>	0.0	0.0	0.1	0.0	0.1
<i>S. zacentrus</i>	0.1	0.1	5.9	6.5	12.6
<i>S. alascanus</i>	1.3	0.1	0.9	5.6	7.9
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	13.7	0.2	6.6	23.0	43.5
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	0.0	0.0	0.1	10.7	10.8
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	115.2	39.3	380.9	158.8	694.2

Appendix Table C-204. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.1	2.4	14.0	13.5	30.0
<i>S. aurora</i>	0.0	0.0	0.1	0.1	0.2
<i>S. babcocki</i>	0.1	1.1	6.3	8.2	15.7
<i>S. brevispinus</i>	0.3	8.1	36.7	21.1	66.2
<i>S. borealis</i>	0.1	0.0	5.5	24.7	30.3
<i>S. crameri</i>	2.1	1.0	30.3	75.8	109.2
<i>S. diploproa</i>	0.5	0.1	7.2	7.4	15.2
<i>S. elongatus</i>	0.4	2.3	5.2	0.5	8.4
<i>S. entomelas</i>	0.1	0.1	6.8	0.1	7.1
<i>S. flavidus</i>	0.1	0.8	21.1	0.7	22.7
<i>S. helvomaculatus</i>	0.1	0.1	0.2	1.8	2.2
<i>S. melanops</i>	15.2	0.0	0.0	0.0	15.2
<i>S. paucispinus</i>	1.3	6.6	66.3	8.0	82.2
<i>S. pinniger</i>	35.1	76.6	242.9	36.1	390.7
<i>S. proriger</i>	0.1	2.7	16.6	4.5	23.9
<i>S. reedi</i>	1.7	0.3	14.9	6.5	23.4
<i>S. rubberimus</i>	0.5	2.4	10.2	0.2	13.3
<i>S. saxicola</i>	0.0	0.0	0.1	0.0	0.1
<i>S. zacentrus</i>	0.5	3.8	14.7	8.9	27.9
<i>S. alascanus</i>	0.5	0.2	7.8	9.8	18.3
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.2	0.1	7.1	79.9	87.3
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.0	0.1	0.0	0.1
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	59.0	108.7	514.1	307.8	989.6

Appendix Table C-205. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.2	0.1	6.8	28.5	35.6
<i>S. aurora</i>	0.0	0.0	0.8	6.5	7.3
<i>S. babcocki</i>	0.9	1.5	12.4	7.8	22.6
<i>S. brevispinus</i>	0.0	13.8	54.1	23.4	91.3
<i>S. borealis</i>	0.0	0.6	3.9	30.5	35.0
<i>S. crameri</i>	0.2	1.1	4.5	93.6	99.4
<i>S. diploproa</i>	0.0	0.0	0.7	14.8	15.5
<i>S. elongatus</i>	1.4	1.1	5.1	2.4	10.0
<i>S. entomelas</i>	0.4	0.1	3.0	3.0	6.5
<i>S. flavidus</i>	0.0	0.2	8.1	7.3	15.6
<i>S. helvomaculatus</i>	0.0	0.0	0.5	0.4	0.9
<i>S. melanops</i>	108.2	0.0	0.0	0.0	108.2
<i>S. paucispinus</i>	1.3	8.4	46.5	4.3	60.5
<i>S. pinniger</i>	12.4	58.8	287.5	25.4	384.1
<i>S. proriger</i>	0.0	4.3	7.6	21.8	33.7
<i>S. reedi</i>	0.0	0.0	15.7	47.1	62.8
<i>S. rubberimus</i>	1.8	3.7	13.3	0.7	19.5
<i>S. saxicola</i>	0.0	0.1	1.0	1.0	2.1
<i>S. zacentrus</i>	0.0	3.6	31.4	63.4	98.4
<i>S. alascanus</i>	0.9	0.4	14.0	24.3	39.6
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.2	6.6	47.6	54.4
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	0.0	0.0	0.0	0.3	0.3
<i>S. altivelis</i>	0.0	0.0	4.6	0.0	4.6
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	127.7	98.0	528.1	454.1	1,207.9

Appendix Table C-206. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.1	0.9	46.7	40.6	88.3
<i>S. aurora</i>	0.0	0.3	0.6	10.6	11.5
<i>S. babcocki</i>	0.0	0.3	9.9	5.3	15.5
<i>S. brevispinus</i>	0.0	4.2	34.7	13.6	52.5
<i>S. borealis</i>	0.0	0.0	4.7	48.2	52.9
<i>S. cramerii</i>	0.0	0.3	30.5	94.7	125.5
<i>S. diploproa</i>	0.0	0.3	3.2	16.8	20.3
<i>S. elongatus</i>	0.0	0.6	3.7	3.4	7.7
<i>S. entomelas</i>	0.0	0.1	4.2	2.7	7.0
<i>S. flavidus</i>	0.8	1.4	10.2	2.7	15.1
<i>S. helvomaculatus</i>	0.0	0.2	0.9	2.4	3.5
<i>S. melanops</i>	72.1	0.0	0.0	0.0	72.1
<i>S. paucispinus</i>	0.0	2.3	23.2	4.2	29.7
<i>S. pinniger</i>	2.7	72.3	149.6	23.0	247.6
<i>S. proriger</i>	0.0	3.7	36.6	29.0	69.3
<i>S. reedi</i>	0.0	0.0	15.7	54.0	69.7
<i>S. rubberimus</i>	0.0	5.7	30.5	3.6	39.8
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	1.7	57.5	13.1	72.3
<i>S. alascanus</i>	0.4	1.7	2.1	7.8	12.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.3	5.5	67.2	73.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	0.0	0.0	0.0	0.2	0.2
<i>S. rufus</i>	0.0	0.0	0.0	0.6	0.6
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	76.1	96.3	470.0	443.7	1,086.1

Appendix Table C-207. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.1	0.6	6.8	8.0	15.5
<i>S. aurora</i>	0.0	0.0	0.8	14.2	15.0
<i>S. babcocki</i>	0.1	0.0	5.7	3.6	9.4
<i>S. brevispinus</i>	0.0	11.5	65.7	6.3	83.5
<i>S. borealis</i>	0.0	0.0	28.1	77.6	105.7
<i>S. crameri</i>	0.4	0.5	13.7	58.1	72.7
<i>S. diploproa</i>	0.0	0.0	4.1	8.5	12.6
<i>S. elongatus</i>	0.0	0.3	4.1	2.6	7.0
<i>S. entomelas</i>	0.0	0.8	2.3	4.6	7.7
<i>S. flavidus</i>	0.0	5.3	1.4	0.7	7.4
<i>S. helvomaculatus</i>	0.0	0.0	1.1	0.4	1.5
<i>S. melanops</i>	33.6	0.0	0.0	0.0	33.6
<i>S. paucispinus</i>	0.0	10.5	24.5	5.8	40.8
<i>S. pinniger</i>	1.1	91.4	177.2	65.6	335.3
<i>S. proriger</i>	0.0	0.6	33.5	43.6	77.7
<i>S. reedi</i>	0.0	3.5	27.7	36.2	67.4
<i>S. rubberimus</i>	0.3	0.1	9.3	6.3	16.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.4	8.3	23.3	32.0
<i>S. alascanus</i>	0.0	0.0	1.8	0.2	2.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	12.3	93.1	105.4
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	0.0	0.0	0.0	0.4	0.4
<i>S. rufus</i>	0.0	0.0	0.0	0.2	0.2
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	35.6	125.5	428.4	459.3	1,048.8

Appendix Table C-208. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.6	2.0	5.6	8.2
<i>S. aurora</i>	0.0	0.5	0.5	4.0	5.0
<i>S. babcocki</i>	0.0	1.4	1.7	5.7	8.8
<i>S. brevispinus</i>	0.0	2.1	14.1	7.1	23.3
<i>S. borealis</i>	0.0	1.6	9.1	37.8	48.5
<i>S. crameri</i>	0.0	6.0	9.8	54.1	69.9
<i>S. diploproa</i>	0.0	1.4	0.5	9.4	11.3
<i>S. elongatus</i>	0.0	2.9	1.9	2.1	6.9
<i>S. entomelas</i>	0.0	0.7	0.2	2.9	3.8
<i>S. flavidus</i>	0.0	7.1	0.6	0.5	8.2
<i>S. helvomaculatus</i>	0.0	0.0	0.6	0.6	1.2
<i>S. melanops</i>	1.3	0.5	0.0	0.0	1.8
<i>S. paucispinus</i>	0.0	2.3	15.1	23.5	40.9
<i>S. pinniger</i>	0.0	58.4	155.2	49.5	263.1
<i>S. proriger</i>	0.0	2.2	2.0	2.7	6.9
<i>S. reedi</i>	0.0	0.3	12.6	21.1	34.0
<i>S. rubberimus</i>	0.0	5.4	3.7	2.2	11.3
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	3.9	4.2	19.6	27.7
<i>S. alascanus</i>	0.0	0.0	0.0	0.6	0.6
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	3.1	5.9	32.6	41.6
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	0.0	0.0	0.0	0.6	0.6
<i>S. rufus</i>	0.0	0.0	0.0	6.3	6.3
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	1.3	100.4	239.7	288.5	629.9

Appendix Table C-209. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	1.1	2.4	5.1	8.6
<i>S. aurora</i>	0.0	0.2	1.1	4.8	6.1
<i>S. babcocki</i>	0.0	1.0	0.5	1.6	3.1
<i>S. brevispinus</i>	0.0	4.2	5.3	14.4	23.9
<i>S. borealis</i>	0.0	1.7	0.0	20.9	22.6
<i>S. crameri</i>	0.0	8.6	9.6	49.2	67.4
<i>S. diploproa</i>	0.0	0.6	1.8	6.8	9.2
<i>S. elongatus</i>	0.0	6.2	2.4	0.6	9.2
<i>S. entomelas</i>	0.0	0.6	0.6	0.0	1.2
<i>S. flavidus</i>	0.0	0.6	0.0	0.0	0.6
<i>S. helvomaculatus</i>	0.0	0.6	0.3	0.3	1.2
<i>S. melanops</i>	1.2	0.0	0.0	0.0	1.2
<i>S. paucispinus</i>	0.0	20.9	3.9	5.8	30.6
<i>S. pinniger</i>	0.0	111.2	118.4	35.9	265.5
<i>S. proriger</i>	0.0	23.1	5.5	6.9	35.5
<i>S. reedi</i>	0.0	1.5	3.0	12.7	17.2
<i>S. rubberimus</i>	0.0	10.6	2.8	2.5	15.9
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	7.3	4.0	1.6	12.9
<i>S. alascanus</i>	0.0	0.1	0.1	0.4	0.6
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	4.8	3.7	70.6	79.1
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.0	0.0	0.6	0.6
<i>S. melanostomus</i>	0.0	0.0	0.6	0.0	0.6
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	1.2	204.9	166.0	240.7	612.8

Appendix Table C-210. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3A, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.8	6.5	0.6	7.9
<i>S. aurora</i>	0.0	0.1	0.5	0.6	1.2
<i>S. babcocki</i>	0.0	0.6	4.1	6.3	11.0
<i>S. brevispinus</i>	0.0	7.4	32.2	0.6	40.2
<i>S. borealis</i>	0.0	1.0	10.9	9.4	21.3
<i>S. crameri</i>	0.0	1.2	31.6	2.5	35.3
<i>S. diploproa</i>	0.0	0.0	2.2	1.5	3.7
<i>S. elongatus</i>	0.0	0.2	2.2	2.5	4.9
<i>S. entomelas</i>	0.0	0.1	0.2	0.3	0.6
<i>S. flavidus</i>	0.0	0.3	0.8	0.1	1.2
<i>S. helvomaculatus</i>	0.0	0.1	0.1	1.0	1.2
<i>S. melanops</i>	37.8	6.1	0.0	0.0	43.9
<i>S. paucispinus</i>	0.0	13.4	37.1	0.1	50.6
<i>S. pinniger</i>	0.0	17.0	157.3	87.8	262.1
<i>S. proriger</i>	0.0	0.4	31.9	17.0	49.3
<i>S. reedi</i>	0.0	0.3	10.9	6.5	17.7
<i>S. rubberimus</i>	0.0	2.1	20.4	0.6	23.1
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.1	1.3	0.4	1.8
<i>S. alascanus</i>	0.0	0.0	0.5	0.1	0.6
<i>S. chlorostictus</i>	0.0	0.0	0.6	0.0	0.6
<i>S. aleutianus</i>	0.0	2.5	10.1	14.8	27.4
<i>S. nigrocinctus</i>	0.0	0.4	0.2	0.0	0.6
<i>S. melanostomus</i>	0.0	0.0	0.0	0.6	0.6
<i>S. rufus</i>	0.0	0.0	0.0	0.6	0.6
<i>S. mystinus</i>	1.2	0.0	0.0	0.0	1.2
<i>S. jordani</i>	0.6	0.0	0.0	0.0	0.6
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	39.6	54.1	361.6	153.9	609.2

Appendix Table C-211. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1963.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120*	
<i>S. alutus</i>	--	--	0.0	--	0.0
<i>S. aurora</i>	--	--	0.0	--	0.0
<i>S. babcocki</i>	--	--	0.0	--	0.0
<i>S. brevispinus</i>	--	--	21.2	--	21.2
<i>S. borealis</i>	--	--	0.0	--	0.0
<i>S. crameri</i>	--	--	0.0	--	0.0
<i>S. diploproa</i>	--	--	0.0	--	0.0
<i>S. elongatus</i>	--	--	1.2	--	1.2
<i>S. entomelas</i>	--	--	0.0	--	0.0
<i>S. flavidus</i>	--	--	1.4	--	1.4
<i>S. helvomaculatus</i>	--	--	0.0	--	0.0
<i>S. melanops</i>	--	--	0.0	--	0.0
<i>S. paucispinus</i>	--	--	16.8	--	16.8
<i>S. pinniger</i>	--	--	1.4	--	1.4
<i>S. proriger</i>	--	--	0.0	--	0.0
<i>S. reedi</i>	--	--	0.0	--	0.0
<i>S. rubberimus</i>	--	--	0.9	--	0.9
<i>S. saxicola</i>	--	--	0.0	--	0.0
<i>S. zacentrus</i>	--	--	0.9	--	0.9
<i>S. alascanus</i>	--	--	0.0	--	0.0
<i>S. chlorostictus</i>	--	--	0.0	--	0.0
<i>S. aleutianus</i>	--	--	0.0	--	0.0
<i>S. goodei</i>	--	--	0.0	--	0.0
Other	--	--	0.0	--	0.0
Total mt Landed	--	--	43.8	--	43.8

*Depth strata <50, 51-80 & >120 not sampled.

Appendix Table C-212. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1964.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120*	
<i>S. alutus</i>	--	--	0.0	--	0.0
<i>S. aurora</i>	--	--	0.0	--	0.0
<i>S. babcocki</i>	--	--	0.0	--	0.0
<i>S. brevispinus</i>	--	--	0.0	--	0.0
<i>S. borealis</i>	--	--	0.0	--	0.0
<i>S. crameri</i>	--	--	0.0	--	0.0
<i>S. diploproa</i>	--	--	0.0	--	0.0
<i>S. elongatus</i>	--	--	0.0	--	0.0
<i>S. entomelas</i>	--	--	0.0	--	0.0
<i>S. flavidus</i>	--	--	10.8	--	10.8
<i>S. helvomaculatus</i>	--	--	0.0	--	0.0
<i>S. melanops</i>	--	--	0.0	--	0.0
<i>S. paucispinus</i>	--	--	9.9	--	9.9
<i>S. pinniger</i>	--	--	32.4	--	32.4
<i>S. proriger</i>	--	--	0.0	--	0.0
<i>S. reedi</i>	--	--	0.0	--	0.0
<i>S. rubberimus</i>	--	--	0.0	--	0.0
<i>S. saxicola</i>	--	--	0.0	--	0.0
<i>S. zacentrus</i>	--	--	0.0	--	0.0
<i>S. alascanus</i>	--	--	0.0	--	0.0
<i>S. chlorostictus</i>	--	--	0.0	--	0.0
<i>S. aleutianus</i>	--	--	0.0	--	0.0
<i>S. goodei</i>	--	--	0.0	--	0.0
Other	--	--	0.0	--	0.0
Total mt Landed	--	--	53.1	--	53.1

*Depth strata <50, 51-80 & >120 not sampled.

Appendix Table C-213. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1968.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120*	
<i>S. alutus</i>	0.0	0.0	--	--	0.0
<i>S. aurora</i>	0.0	0.0	--	--	0.0
<i>S. babcocki</i>	0.1	0.0	--	--	0.1
<i>S. brevispinus</i>	0.0	33.9	--	--	33.9
<i>S. borealis</i>	0.0	0.0	--	--	0.0
<i>S. crameri</i>	0.0	0.0	--	--	0.0
<i>S. diploproa</i>	0.0	0.0	--	--	0.0
<i>S. elongatus</i>	0.0	0.0	--	--	0.0
<i>S. entomelas</i>	2.1	0.0	--	--	2.1
<i>S. flavidus</i>	4.4	10.0	--	--	14.4
<i>S. helvomaculatus</i>	0.0	0.0	--	--	0.0
<i>S. melanops</i>	0.0	0.0	--	--	0.0
<i>S. paucispinus</i>	0.0	2.9	--	--	2.9
<i>S. pinniger</i>	4.3	79.4	--	--	83.7
<i>S. proriger</i>	0.0	0.0	--	--	0.0
<i>S. reedi</i>	0.0	0.0	--	--	0.0
<i>S. rubberimus</i>	0.1	0.0	--	--	0.1
<i>S. saxicola</i>	0.0	0.0	--	--	0.0
<i>S. zacentrus</i>	0.0	0.0	--	--	0.0
<i>S. alascanus</i>	0.0	0.0	--	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	--	--	0.0
<i>S. aleutianus</i>	0.0	1.0	--	--	1.0
<i>S. goodei</i>	0.0	0.0	--	--	0.0
Other	0.0	0.0	--	--	0.0
Total mt Landed	11.0	127.2	--	--	138.2

*Depth strata 81-120 & >120 not sampled.

Appendix Table C-214. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1969.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120*	
<i>S. alutus</i>	--	0.0	--	--	0.0
<i>S. aurora</i>	--	0.0	--	--	0.0
<i>S. babcocki</i>	--	0.0	--	--	0.0
<i>S. brevispinus</i>	--	9.7	--	--	9.7
<i>S. borealis</i>	--	0.0	--	--	0.0
<i>S. crameri</i>	--	0.0	--	--	0.0
<i>S. diploproa</i>	--	0.0	--	--	0.0
<i>S. elongatus</i>	--	0.1	--	--	0.1
<i>S. entomelas</i>	--	17.3	--	--	17.3
<i>S. flavidus</i>	--	39.3	--	--	39.3
<i>S. helvomaculatus</i>	--	0.0	--	--	0.0
<i>S. melanops</i>	--	8.9	--	--	8.9
<i>S. paucispinus</i>	--	0.1	--	--	0.1
<i>S. pinniger</i>	--	18.6	--	--	18.6
<i>S. proriger</i>	--	0.1	--	--	0.1
<i>S. reedi</i>	--	0.0	--	--	0.0
<i>S. rubberimus</i>	--	0.0	--	--	0.0
<i>S. saxicola</i>	--	0.0	--	--	0.0
<i>S. zacentrus</i>	--	0.0	--	--	0.0
<i>S. alascanus</i>	--	0.0	--	--	0.0
<i>S. chlorostictus</i>	--	0.0	--	--	0.0
<i>S. aleutianus</i>	--	0.0	--	--	0.0
<i>S. goodei</i>	--	0.0	--	--	0.0
Other	--	0.2	--	--	0.2
Total mt Landed	--	94.3	--	--	94.3

*Depth strata <50, 81-120 & >120 not sampled.

Appendix Table C-215. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1970.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	7.9	0.3	8.2
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.1	0.1
<i>S. brevispinus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	0.1	4.1	0.9	5.1
<i>S. flavidus</i>	0.1	7.9	20.2	0.0	28.2
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.1	0.0	0.0	0.1
<i>S. paucispinus</i>	0.0	4.4	1.1	0.6	6.1
<i>S. pinniger</i>	0.7	19.4	0.0	0.0	20.1
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.1	0.1
<i>S. rubberimus</i>	0.5	0.1	0.0	0.0	0.6
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.1	0.0	0.0	0.1
Total mt Landed	1.3	32.1	33.3	2.2	68.9

Appendix Table C-216. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1971.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120*	
<i>S. alutus</i>	0.0	0.0	--	--	0.0
<i>S. aurora</i>	0.0	0.0	--	--	0.0
<i>S. babcocki</i>	0.0	0.0	--	--	0.0
<i>S. brevispinus</i>	4.7	0.4	--	--	5.1
<i>S. borealis</i>	0.0	0.0	--	--	0.0
<i>S. crameri</i>	0.0	0.0	--	--	0.0
<i>S. diploproa</i>	0.0	0.0	--	--	0.0
<i>S. elongatus</i>	0.0	0.0	--	--	0.0
<i>S. entomelas</i>	0.1	0.0	--	--	0.1
<i>S. flavidus</i>	23.6	3.0	--	--	26.6
<i>S. helvomaculatus</i>	0.0	0.0	--	--	0.0
<i>S. melanops</i>	0.0	1.7	--	--	1.7
<i>S. paucispinus</i>	0.0	0.1	--	--	0.1
<i>S. pinniger</i>	1.5	78.3	--	--	79.8
<i>S. proriger</i>	0.0	0.0	--	--	0.0
<i>S. reedi</i>	0.0	0.0	--	--	0.0
<i>S. rubberimus</i>	0.0	0.0	--	--	0.0
<i>S. saxicola</i>	0.0	0.0	--	--	0.0
<i>S. zacentrus</i>	0.0	0.0	--	--	0.0
<i>S. alascanus</i>	0.0	0.0	--	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	--	--	0.0
<i>S. aleutianus</i>	0.0	0.0	--	--	0.0
<i>S. goodei</i>	0.0	0.0	--	--	0.0
Other	0.0	0.0	--	--	0.0
Total mt Landed	29.9	83.5	--	--	113.4

*Depth strata 81-120 & >120 not sampled.

Appendix Table C-217. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1972.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120*	
<i>S. alutus</i>	--	0.0	--	--	0.0
<i>S. aurora</i>	--	0.0	--	--	0.0
<i>S. babcocki</i>	--	0.0	--	--	0.0
<i>S. brevispinus</i>	--	0.0	--	--	0.0
<i>S. borealis</i>	--	0.0	--	--	0.0
<i>S. crameri</i>	--	0.0	--	--	0.0
<i>S. diploproa</i>	--	0.0	--	--	0.0
<i>S. elongatus</i>	--	0.0	--	--	0.0
<i>S. entomelas</i>	--	0.0	--	--	0.0
<i>S. flavidus</i>	--	2.5	--	--	2.5
<i>S. helvomaculatus</i>	--	0.0	--	--	0.0
<i>S. melanops</i>	--	0.0	--	--	0.0
<i>S. paucispinus</i>	--	11.0	--	--	11.0
<i>S. pinniger</i>	--	127.6	--	--	127.6
<i>S. proriger</i>	--	0.0	--	--	0.0
<i>S. reedi</i>	--	0.0	--	--	0.0
<i>S. rubberimus</i>	--	0.0	--	--	0.0
<i>S. saxicola</i>	--	0.0	--	--	0.0
<i>S. zacentrus</i>	--	0.0	--	--	0.0
<i>S. alascanus</i>	--	0.0	--	--	0.0
<i>S. chlorostictus</i>	--	0.0	--	--	0.0
<i>S. aleutianus</i>	--	0.0	--	--	0.0
<i>S. goodei</i>	--	0.0	--	--	0.0
Other	--	0.0	--	--	0.0
Total mt Landed	--	141.1	--	--	141.1

*Depth strata <50, 81-120 & >120 not sampled.

Appendix Table C-218. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1975.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120*	
<i>S. alutus</i>	--	0.0	--	--	0.0
<i>S. aurora</i>	--	0.0	--	--	0.0
<i>S. babcocki</i>	--	0.0	--	--	0.0
<i>S. brevispinus</i>	--	0.0	--	--	0.0
<i>S. borealis</i>	--	0.0	--	--	0.0
<i>S. crameri</i>	--	0.0	--	--	0.0
<i>S. diploproa</i>	--	0.0	--	--	0.0
<i>S. elongatus</i>	--	0.1	--	--	0.1
<i>S. entomelas</i>	--	0.0	--	--	0.0
<i>S. flavidus</i>	--	4.5	--	--	4.5
<i>S. helvomaculatus</i>	--	0.0	--	--	0.0
<i>S. melanops</i>	--	0.0	--	--	0.0
<i>S. paucispinus</i>	--	0.5	--	--	0.5
<i>S. pinniger</i>	--	17.4	--	--	17.4
<i>S. proriger</i>	--	0.0	--	--	0.0
<i>S. reedi</i>	--	0.0	--	--	0.0
<i>S. rubberimus</i>	--	0.2	--	--	0.2
<i>S. saxicola</i>	--	0.0	--	--	0.0
<i>S. zacentrus</i>	--	0.0	--	--	0.0
<i>S. alascanus</i>	--	0.0	--	--	0.0
<i>S. chlorostictus</i>	--	0.0	--	--	0.0
<i>S. aleutianus</i>	--	0.0	--	--	0.0
<i>S. goodei</i>	--	0.0	--	--	0.0
Other	--	0.0	--	--	0.0
Total mt Landed	--	22.7	--	--	22.7

*Depth strata <50, 81-120 & >120 not sampled.

Appendix Table C-219. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1981.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.1	0.7	--	0.8
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.0	0.0	--	0.0
<i>S. entomelas</i>	--	2.0	1.1	--	3.1
<i>S. flavidus</i>	--	25.0	6.2	--	31.2
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	5.2	0.0	--	5.2
<i>S. pinniger</i>	--	7.7	2.0	--	9.7
<i>S. proriger</i>	--	0.7	0.1	--	0.8
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.1	0.0	--	0.1
Total mt Landed	--	40.8	10.1	--	50.9

*Depth strata <50 & >120 not sampled.

Appendix Table C-220. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1982.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	5.5	3.8	9.3
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.3	0.3	0.6
<i>S. brevispinus</i>	0.0	0.7	11.2	0.9	12.8
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	1.1	0.1	1.2
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	0.6	0.6
<i>S. entomelas</i>	0.0	4.6	2.8	0.2	7.6
<i>S. flavidus</i>	0.1	132.7	225.4	3.0	361.2
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	24.6	0.0	0.0	0.0	24.6
<i>S. paucispinus</i>	0.0	3.5	6.4	0.0	9.9
<i>S. pinniger</i>	0.1	4.7	130.7	2.4	137.9
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.1	0.0	0.1
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	0.8	4.5	5.3
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	1.2	1.2
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.1	0.1	7.8	4.3	12.3
Total mt Landed	24.9	146.3	392.1	21.3	584.6

Appendix Table C-221. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1983.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.9	0.9	1.8
<i>S. aurora</i>	0.0	0.0	0.0	0.9	0.9
<i>S. babcocki</i>	2.1	0.0	0.5	0.1	2.7
<i>S. brevispinus</i>	0.0	3.4	11.1	0.0	14.5
<i>S. borealis</i>	0.0	0.0	0.0	3.6	3.6
<i>S. crameri</i>	0.0	0.0	0.8	0.6	1.4
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.2	0.3	0.0	0.5
<i>S. entomelas</i>	0.0	7.0	0.3	0.0	7.3
<i>S. flavidus</i>	0.0	103.3	95.7	0.1	199.1
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	39.0	0.0	0.0	0.0	39.0
<i>S. paucispinus</i>	0.1	13.0	30.9	0.0	44.0
<i>S. pinniger</i>	0.0	18.4	103.2	0.1	121.7
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.1	0.0	0.1
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	1.4	1.4
<i>S. alascanus</i>	0.0	0.0	0.3	2.9	3.2
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.2	0.0	0.0	1.6	1.8
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	2.8	8.1	0.0	10.9
Total mt Landed	41.4	148.1	252.2	12.2	453.9

Appendix Table C-222. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.1	0.4	0.1	1.2	1.8
<i>S. aurora</i>	0.0	0.0	0.0	0.2	0.2
<i>S. babcocki</i>	1.2	1.0	3.4	0.2	5.8
<i>S. brevispinus</i>	0.4	6.3	3.7	0.1	10.5
<i>S. borealis</i>	5.6	0.3	0.2	0.4	6.5
<i>S. crameri</i>	0.4	0.5	0.3	0.4	1.6
<i>S. diploproa</i>	0.0	0.0	0.0	0.1	0.1
<i>S. elongatus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. entomelas</i>	0.1	0.0	0.0	0.0	0.1
<i>S. flavidus</i>	5.9	23.2	58.1	0.0	87.2
<i>S. helvomaculatus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.2	3.2	1.7	0.1	5.2
<i>S. pinniger</i>	2.1	5.9	35.2	0.1	43.3
<i>S. proriger</i>	0.0	0.1	0.0	0.0	0.1
<i>S. reedi</i>	0.0	0.2	0.0	0.0	0.2
<i>S. rubberimus</i>	0.2	0.2	2.5	0.0	2.9
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. alascanus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.6	0.8	0.0	0.8	2.2
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.1	2.1	0.0	2.2
<i>S. melanostomus</i>	0.0	0.1	0.0	1.1	1.2
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	16.9	42.4	107.4	4.8	171.5

Appendix Table C-223. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.3	0.0	5.9	6.2
<i>S. aurora</i>	0.0	0.0	0.0	1.7	1.7
<i>S. babcocki</i>	0.1	1.4	0.4	5.9	7.8
<i>S. brevispinus</i>	0.0	6.1	0.0	17.7	23.8
<i>S. borealis</i>	0.0	0.0	0.0	29.0	29.0
<i>S. crameri</i>	0.1	1.3	0.4	15.8	17.6
<i>S. diploproa</i>	0.0	0.1	0.4	12.5	13.0
<i>S. elongatus</i>	0.0	0.0	0.0	0.3	0.3
<i>S. entomelas</i>	0.0	0.3	0.3	0.3	0.9
<i>S. flavidus</i>	0.1	1.8	0.5	9.7	12.1
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.1	2.4	1.0	5.7	9.2
<i>S. pinniger</i>	1.0	53.3	2.4	17.5	74.2
<i>S. proriger</i>	0.0	0.4	0.0	1.0	1.4
<i>S. reedi</i>	0.1	0.0	0.3	8.6	9.0
<i>S. rubberimus</i>	0.0	3.0	0.0	0.7	3.7
<i>S. saxicola</i>	0.1	0.0	0.0	0.0	0.1
<i>S. zacentrus</i>	0.1	1.3	0.1	2.6	4.1
<i>S. alascanus</i>	0.1	0.4	0.0	12.7	13.2
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	0.0	0.3	13.7	14.1
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	0.0	0.0	0.1	0.6	0.7
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	1.9	72.1	6.2	162.0	242.2

Appendix Table C-224. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	1.3	--	0.5	10.0	11.8
<i>S. aurora</i>	0.6	--	0.4	2.7	3.7
<i>S. babcocki</i>	0.1	--	0.1	1.5	1.7
<i>S. brevispinus</i>	0.4	--	3.9	21.1	25.4
<i>S. borealis</i>	5.5	--	0.9	23.3	29.7
<i>S. crameri</i>	0.7	--	2.7	12.5	15.9
<i>S. diploproa</i>	0.1	--	0.9	4.2	5.2
<i>S. elongatus</i>	0.0	--	0.0	0.1	0.1
<i>S. entomelas</i>	0.3	--	0.2	4.3	4.8
<i>S. flavidus</i>	0.0	--	0.3	0.0	0.3
<i>S. helvomaculatus</i>	0.0	--	0.0	0.1	0.1
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	0.1	--	3.3	4.1	7.5
<i>S. pinniger</i>	0.2	--	40.3	5.3	45.8
<i>S. proriger</i>	0.0	--	0.1	0.0	0.1
<i>S. reedi</i>	0.3	--	2.5	5.2	8.0
<i>S. rubberimus</i>	0.1	--	0.7	0.1	0.9
<i>S. saxicola</i>	0.0	--	0.0	0.0	0.0
<i>S. zacentrus</i>	0.1	--	0.1	0.9	1.1
<i>S. alascanus</i>	4.0	--	2.9	6.1	13.0
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	2.3	--	4.1	19.1	25.5
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
<i>S. melanostomus</i>	0.0	--	0.0	1.5	1.5
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	16.1	--	63.9	122.1	202.1

*Depth strata 51-80 not sampled.

Appendix Table C-225. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.7	0.2	1.4	1.5	3.8
<i>S. aurora</i>	0.0	0.0	0.0	0.1	0.1
<i>S. babcocki</i>	0.0	0.3	0.1	0.5	0.9
<i>S. brevispinus</i>	1.0	5.0	8.8	1.6	16.4
<i>S. borealis</i>	0.0	0.0	0.0	2.6	2.6
<i>S. crameri</i>	0.0	8.2	7.8	1.9	17.9
<i>S. diploproa</i>	0.1	0.6	0.2	0.4	1.3
<i>S. elongatus</i>	0.1	0.1	0.0	0.2	0.4
<i>S. entomelas</i>	0.0	0.0	0.1	0.0	0.1
<i>S. flavidus</i>	0.6	0.1	1.2	1.9	3.8
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.1	3.7	6.1	0.4	10.3
<i>S. pinniger</i>	3.1	17.0	57.6	4.2	81.9
<i>S. proriger</i>	0.2	0.8	0.1	0.1	1.2
<i>S. reedi</i>	0.0	2.5	0.1	0.8	3.4
<i>S. rubberimus</i>	2.1	0.3	0.8	0.5	3.7
<i>S. saxicola</i>	0.0	0.0	0.0	0.1	0.1
<i>S. zacentrus</i>	0.3	1.3	0.2	0.5	2.3
<i>S. alascanus</i>	0.0	0.3	4.2	3.9	8.4
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	1.0	0.7	3.1	4.9
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.0	0.0	0.1	0.1
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	8.4	41.4	89.4	24.5	163.7

Appendix Table C-226. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.0	6.2	6.2
<i>S. aurora</i>	--	0.0	0.0	3.2	3.2
<i>S. babcocki</i>	--	0.0	0.0	5.0	5.0
<i>S. brevispinus</i>	--	0.0	5.1	1.6	6.7
<i>S. borealis</i>	--	0.0	0.0	4.6	4.6
<i>S. cramerii</i>	--	0.0	0.0	7.5	7.5
<i>S. diploproa</i>	--	0.0	0.0	8.8	8.8
<i>S. elongatus</i>	--	0.0	0.0	1.6	1.6
<i>S. entomelas</i>	--	0.0	0.0	0.5	0.5
<i>S. flavidus</i>	--	0.0	15.7	0.0	15.7
<i>S. helvomaculatus</i>	--	0.0	0.0	0.4	0.4
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	1.4	2.3	1.1	4.8
<i>S. pinniger</i>	--	9.6	8.6	3.0	21.2
<i>S. proriger</i>	--	0.0	0.4	0.5	0.9
<i>S. reedi</i>	--	0.0	0.2	5.3	5.5
<i>S. rubberimus</i>	--	0.0	0.5	0.2	0.7
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.1	1.0	1.1
<i>S. alascanus</i>	--	0.0	0.0	1.6	1.6
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.1	1.3	1.4
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	--	0.0	0.0	0.2	0.2
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	11.0	33.0	53.6	97.6

*Depth strata <50 not sampled.

Appendix Table C-227. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	2.4	5.4	1.5	9.3
<i>S. aurora</i>	--	0.1	0.2	0.2	0.5
<i>S. babcocki</i>	--	1.1	1.0	1.1	3.2
<i>S. brevispinus</i>	--	10.4	5.4	1.7	17.5
<i>S. borealis</i>	--	4.1	0.0	5.6	9.7
<i>S. crameri</i>	--	6.6	0.9	10.0	17.5
<i>S. diploproa</i>	--	0.2	0.4	1.8	2.4
<i>S. elongatus</i>	--	1.6	2.5	0.2	4.3
<i>S. entomelas</i>	--	0.5	0.1	0.0	0.6
<i>S. flavidus</i>	--	0.0	2.3	0.0	2.3
<i>S. helvomaculatus</i>	--	0.0	0.1	0.3	0.4
<i>S. melanops</i>	--	0.9	0.0	0.0	0.9
<i>S. paucispinus</i>	--	11.5	2.1	1.1	14.7
<i>S. pinniger</i>	--	41.2	65.6	5.4	112.2
<i>S. proriger</i>	--	7.6	1.3	0.4	9.3
<i>S. reedi</i>	--	1.4	7.3	1.9	10.6
<i>S. rubberimus</i>	--	8.8	1.6	0.4	10.8
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	8.8	5.0	3.1	16.9
<i>S. alascanus</i>	--	0.0	0.6	0.0	0.6
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	3.1	1.2	1.2	5.5
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	110.3	103.0	35.9	249.2

*Depth strata <50 not sampled.

Appendix Table C-228. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	1.0	1.7	2.7
<i>S. aurora</i>	0.0	0.0	0.1	0.2	0.3
<i>S. babcocki</i>	0.0	0.0	1.8	0.4	2.2
<i>S. brevispinus</i>	0.0	2.1	21.7	1.2	25.0
<i>S. borealis</i>	0.0	0.0	6.1	2.4	8.5
<i>S. cramerii</i>	0.0	0.0	2.3	5.0	7.3
<i>S. diploproa</i>	0.0	0.0	0.4	0.7	1.1
<i>S. elongatus</i>	0.0	0.5	0.3	0.3	1.1
<i>S. entomelas</i>	0.0	0.1	0.1	0.1	0.3
<i>S. flavidus</i>	0.0	0.0	0.3	0.1	0.4
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.6	10.2	1.6	12.4
<i>S. pinniger</i>	0.1	5.3	39.8	2.2	47.4
<i>S. proriger</i>	0.0	0.1	1.1	0.7	1.9
<i>S. reedi</i>	0.0	0.1	0.5	0.2	0.8
<i>S. rubberimus</i>	0.1	0.4	1.5	0.5	2.5
<i>S. saxicola</i>	0.0	0.0	0.1	0.0	0.1
<i>S. zacentrus</i>	0.0	0.1	0.7	0.3	1.1
<i>S. alascanus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	1.3	2.6	3.9
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. melanostomus</i>	0.0	0.0	0.0	0.2	0.2
Other	0.0	0.0	0.0	0.1	0.1
Total mt Landed	0.2	9.3	89.5	20.6	119.6

Appendix Table C-229. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.1	12.9	2.1	15.1
<i>S. aurora</i>	0.0	0.9	0.9	1.0	2.8
<i>S. babcocki</i>	0.0	0.1	13.9	8.7	22.7
<i>S. brevispinus</i>	0.0	51.3	142.3	60.5	254.1
<i>S. borealis</i>	0.0	2.5	23.0	2.0	27.5
<i>S. crameri</i>	0.0	0.4	23.8	15.5	39.7
<i>S. diploproa</i>	0.0	2.1	5.9	2.4	10.4
<i>S. elongatus</i>	0.0	0.0	6.8	4.6	11.4
<i>S. entomelas</i>	0.0	0.0	0.9	0.0	0.9
<i>S. flavidus</i>	0.0	9.4	1.0	0.0	10.4
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.9	0.9
<i>S. melanops</i>	0.9	0.0	0.0	0.0	0.9
<i>S. paucispinus</i>	0.0	83.3	104.2	11.3	198.8
<i>S. pinniger</i>	0.0	70.7	144.6	7.2	222.5
<i>S. proriger</i>	0.0	8.8	12.7	2.2	23.7
<i>S. reedi</i>	0.0	0.5	14.2	1.4	16.1
<i>S. rubberimus</i>	0.0	8.8	14.0	3.7	26.5
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	3.0	18.3	6.2	27.5
<i>S. alascanus</i>	0.0	0.0	0.9	0.0	0.9
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	4.3	15.7	11.2	31.2
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.0	0.9	0.0	0.9
<i>S. melanostomus</i>	0.0	1.0	0.9	0.0	1.9
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	0.9	247.2	557.8	140.9	946.8

Appendix Table C-230. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.1	2.8	1.8	4.7
<i>S. aurora</i>	0.0	0.0	0.5	0.9	1.4
<i>S. babcocki</i>	0.0	0.1	2.7	1.3	4.1
<i>S. brevispinus</i>	0.0	0.9	51.2	6.0	58.1
<i>S. borealis</i>	0.0	0.0	6.2	3.9	10.1
<i>S. crameri</i>	0.0	0.8	4.7	6.7	12.2
<i>S. diploproa</i>	0.0	0.2	2.9	1.0	4.1
<i>S. elongatus</i>	0.0	0.3	0.8	0.3	1.4
<i>S. entomelas</i>	0.0	0.1	2.5	0.1	2.7
<i>S. flavidus</i>	0.0	2.7	0.0	0.0	2.7
<i>S. helvomaculatus</i>	0.0	0.1	0.5	0.1	0.7
<i>S. melanops</i>	27.1	12.8	0.0	0.0	39.9
<i>S. paucispinus</i>	0.0	19.0	52.0	2.0	73.0
<i>S. pinniger</i>	0.0	58.3	329.2	3.5	391.0
<i>S. proriger</i>	0.0	5.1	14.2	0.9	20.2
<i>S. reedi</i>	0.0	0.1	3.7	3.6	7.4
<i>S. rubberimus</i>	0.0	6.8	10.4	0.4	17.6
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.3	5.9	2.6	8.8
<i>S. alascanus</i>	0.0	0.0	0.3	0.4	0.7
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.9	4.6	5.3	10.8
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.9	0.5	0.0	1.4
<i>S. melanostomus</i>	0.0	0.0	0.0	0.7	0.7
<i>S. wilsoni</i>	0.0	0.7	0.0	0.0	0.7
<i>S. mystinus</i>	0.0	1.4	0.0	0.0	1.4
Other	0.0	0.0	0.0	0.0	0.0
Total	27.1	111.6	495.6	41.5	675.8

Appendix Table C-231. Species composition of category 410 (other rockfish) landings (mt) by depth strata, PMFC area 3B, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.2	2.6	1.9	4.7
<i>S. aurora</i>	0.0	0.1	1.4	0.8	2.3
<i>S. babcocki</i>	0.0	0.1	5.0	1.9	7.0
<i>S. brevispinus</i>	0.0	4.3	46.6	8.8	59.7
<i>S. borealis</i>	0.0	3.0	2.4	12.2	17.6
<i>S. crameri</i>	0.0	0.3	10.0	37.1	47.4
<i>S. diploproa</i>	0.0	0.0	1.9	1.6	3.5
<i>S. elongatus</i>	0.0	0.0	2.8	0.7	3.5
<i>S. entomelas</i>	0.0	0.0	0.5	0.1	0.6
<i>S. flavidus</i>	0.0	12.1	0.8	0.0	12.9
<i>S. helvomaculatus</i>	0.0	0.1	0.3	0.2	0.6
<i>S. melanops</i>	0.6	0.0	0.0	0.0	0.6
<i>S. paucispinus</i>	0.0	7.4	36.7	1.6	45.7
<i>S. pinniger</i>	0.0	36.6	233.5	7.5	277.6
<i>S. proriger</i>	0.0	0.2	30.6	2.0	32.8
<i>S. reedi</i>	0.0	0.0	5.2	1.8	7.0
<i>S. rubberimus</i>	0.0	0.8	6.6	0.8	8.2
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.1	2.2	1.8	4.1
<i>S. alascanus</i>	0.0	0.0	0.5	0.1	0.6
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	8.4	12.8	26.2	47.4
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.6	0.0	0.0	0.6
<i>S. melanostomus</i>	0.0	0.1	1.1	0.0	1.2
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	0.6	74.4	403.5	107.1	585.6

Appendix Table C-232. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 1C, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.0	--	--	--	0.0
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. crameri</i>	0.0	--	--	--	0.0
<i>S. diploproa</i>	0.0	--	--	--	0.0
<i>S. elongatus</i>	0.0	--	--	--	0.0
<i>S. entomelas</i>	67.9	--	--	--	67.9
<i>S. flavidus</i>	2.1	--	--	--	2.1
<i>S. helvomaculatus</i>	0.1	--	--	--	0.1
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	0.0	--	--	--	0.0
<i>S. proriger</i>	0.9	--	--	--	0.9
<i>S. reedi</i>	0.0	--	--	--	0.0
<i>S. rubberimus</i>	0.0	--	--	--	0.0
<i>S. saxicola</i>	0.0	--	--	--	0.0
<i>S. zacentrus</i>	0.0	--	--	--	0.0
<i>S. alascanus</i>	0.0	--	--	--	0.0
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
<i>S. jordani</i>	0.1	--	--	--	0.1
Other	0.0	--	--	--	0.0
Total mt Landed	71.1	--	--	--	71.1

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-233. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 1C, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120*	
<i>S. alutus</i>	--	0.0	--	--	0.0
<i>S. aurora</i>	--	0.0	--	--	0.0
<i>S. babcocki</i>	--	0.0	--	--	0.0
<i>S. brevispinus</i>	--	0.0	--	--	0.0
<i>S. borealis</i>	--	0.0	--	--	0.0
<i>S. crameri</i>	--	0.0	--	--	0.0
<i>S. diploproa</i>	--	0.0	--	--	0.0
<i>S. elongatus</i>	--	0.0	--	--	0.0
<i>S. entomelas</i>	--	14.7	--	--	14.7
<i>S. flavidus</i>	--	0.0	--	--	0.0
<i>S. helvomaculatus</i>	--	0.0	--	--	0.0
<i>S. melanops</i>	--	0.0	--	--	0.0
<i>S. paucispinus</i>	--	0.0	--	--	0.0
<i>S. pinniger</i>	--	0.0	--	--	0.0
<i>S. proriger</i>	--	0.0	--	--	0.0
<i>S. reedi</i>	--	0.0	--	--	0.0
<i>S. rubberimus</i>	--	0.0	--	--	0.0
<i>S. saxicola</i>	--	0.0	--	--	0.0
<i>S. zacentrus</i>	--	0.0	--	--	0.0
<i>S. alascanus</i>	--	0.0	--	--	0.0
<i>S. chlorostictus</i>	--	0.0	--	--	0.0
<i>S. aleutianus</i>	--	0.0	--	--	0.0
<i>S. goodei</i>	--	0.0	--	--	0.0
Other	--	0.0	--	--	0.0
Total mt Landed	--	14.7	--	--	14.7

*Depth strata <50, 81-120 & >120 not sampled.

Appendix Table C-234. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 1C, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.0	--	--	--	0.0
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. crameri</i>	0.0	--	--	--	0.0
<i>S. diploproa</i>	0.0	--	--	--	0.0
<i>S. elongatus</i>	0.0	--	--	--	0.0
<i>S. entomelas</i>	53.4	--	--	--	53.4
<i>S. flavidus</i>	0.2	--	--	--	0.2
<i>S. helvomaculatus</i>	0.0	--	--	--	0.0
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	0.0	--	--	--	0.0
<i>S. proriger</i>	0.0	--	--	--	0.0
<i>S. reedi</i>	0.0	--	--	--	0.0
<i>S. rubberimus</i>	0.0	--	--	--	0.0
<i>S. saxicola</i>	0.0	--	--	--	0.0
<i>S. zacentrus</i>	0.1	--	--	--	0.1
<i>S. alascanus</i>	0.0	--	--	--	0.0
<i>S. altivelis</i>	0.0	--	--	--	0.0
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
Other	0.1	--	--	--	0.1
Total mt Landed	53.8	--	--	--	53.8

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-235. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 1C, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.0	0.0	--	0.0
<i>S. entomelas</i>	--	1.4	0.1	--	1.5
<i>S. flavidus</i>	--	0.4	0.0	--	0.4
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	0.0	0.0	--	0.0
<i>S. proriger</i>	--	0.0	0.0	--	0.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	1.8	0.1	--	1.9

*Depth strata <50 & >120 not sampled.

Appendix Table C-236. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2A, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120*	
<i>S. alutus</i>	0.0	--	0.0	--	0.0
<i>S. aurora</i>	0.0	--	0.0	--	0.0
<i>S. babcocki</i>	0.0	--	0.0	--	0.0
<i>S. brevispinus</i>	0.0	--	0.0	--	0.0
<i>S. borealis</i>	0.0	--	0.0	--	0.0
<i>S. crameri</i>	0.0	--	0.0	--	0.0
<i>S. diploproa</i>	0.0	--	0.0	--	0.0
<i>S. elongatus</i>	57.6	--	0.0	--	57.6
<i>S. entomelas</i>	198.6	--	180.8	--	379.4
<i>S. flavidus</i>	2.2	--	0.0	--	2.2
<i>S. helvomaculatus</i>	0.2	--	0.0	--	0.2
<i>S. melanops</i>	0.0	--	0.0	--	0.0
<i>S. paucispinus</i>	0.2	--	0.0	--	0.2
<i>S. pinniger</i>	1.1	--	0.0	--	1.1
<i>S. proriger</i>	7.0	--	0.0	--	7.0
<i>S. reedi</i>	0.1	--	0.0	--	0.1
<i>S. rubberimus</i>	0.2	--	0.0	--	0.2
<i>S. saxicola</i>	0.0	--	0.0	--	0.0
<i>S. zacentrus</i>	0.9	--	0.0	--	0.9
<i>S. alascanus</i>	0.0	--	0.0	--	0.0
<i>S. chlorostictus</i>	0.1	--	0.0	--	0.1
<i>S. aleutianus</i>	0.0	--	0.0	--	0.0
<i>S. goodei</i>	0.0	--	0.0	--	0.0
<i>S. nigrocinctus</i>	0.2	--	0.0	--	0.2
<i>S. wilsoni</i>	0.4	--	0.0	--	0.4
<i>S. jordani</i>	0.2	--	0.0	--	0.2
Other	0.1	--	0.0	--	0.1
Total mt Landed	269.1	--	180.8	--	449.9

*Depth strata 51-80 & >120 not sampled.

Appendix Table C-237. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2A, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.0	--	0.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.0	0.0	--	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	--	0.0
<i>S. entomelas</i>	23.0	209.1	46.8	--	278.9
<i>S. flavidus</i>	0.2	0.0	0.0	--	0.2
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. pinniger</i>	0.1	0.0	0.0	--	0.1
<i>S. proriger</i>	0.3	0.0	0.0	--	0.3
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.1	0.0	0.0	--	0.1
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	23.7	209.1	46.8	--	279.6

*Depth strata >120 not sampled.

Appendix Table C-238. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2A, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.0	--	0.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.0	0.0	--	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	--	0.0
<i>S. entomelas</i>	14.4	85.7	19.9	--	120.0
<i>S. flavidus</i>	0.1	0.0	0.0	--	0.1
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.2	0.0	0.0	--	0.2
<i>S. pinniger</i>	0.0	0.0	0.0	--	0.0
<i>S. proriger</i>	0.0	0.0	0.0	--	0.0
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.1	0.0	0.0	--	0.1
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.1	0.0	0.0	--	0.1
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. altivelis</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	14.9	85.7	19.9	--	120.5

*Depth strata >120 not sampled.

Appendix Table C-239. Species composition of category 431 (widow (rockfish) landings (mt) by depth strata, PMFC area 2A, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120*	
<i>S. alutus</i>	0.0	0.0	--	--	0.0
<i>S. aurora</i>	0.0	0.0	--	--	0.0
<i>S. babcocki</i>	0.0	0.0	--	--	0.0
<i>S. brevispinus</i>	0.0	0.0	--	--	0.0
<i>S. borealis</i>	0.0	0.0	--	--	0.0
<i>S. crameri</i>	0.0	0.0	--	--	0.0
<i>S. diploproa</i>	0.0	0.0	--	--	0.0
<i>S. elongatus</i>	0.0	0.0	--	--	0.0
<i>S. entomelas</i>	35.1	201.0	--	--	236.1
<i>S. flavidus</i>	3.7	0.0	--	--	3.7
<i>S. helvomaculatus</i>	0.0	0.0	--	--	0.0
<i>S. melanops</i>	0.0	0.0	--	--	0.0
<i>S. paucispinus</i>	0.0	0.0	--	--	0.0
<i>S. pinniger</i>	0.0	0.0	--	--	0.0
<i>S. proriger</i>	0.0	0.0	--	--	0.0
<i>S. reedi</i>	0.0	0.0	--	--	0.0
<i>S. rubberimus</i>	0.0	0.0	--	--	0.0
<i>S. saxicola</i>	0.0	0.0	--	--	0.0
<i>S. zacentrus</i>	0.0	0.0	--	--	0.0
<i>S. alascanus</i>	0.0	0.0	--	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	--	--	0.0
<i>S. aleutianus</i>	0.0	0.0	--	--	0.0
<i>S. goodei</i>	0.0	0.0	--	--	0.0
Other	0.0	0.0	--	--	0.0
Total mt Landed	38.8	201.0	--	--	239.8

*Depth strata 81-120 & >120 not sampled.

Appendix Table C-240. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2A, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.0	0.0	--	0.0
<i>S. entomelas</i>	--	8.5	104.8	--	113.3
<i>S. flavidus</i>	--	0.0	0.0	--	0.0
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	0.0	0.0	--	0.0
<i>S. proriger</i>	--	0.0	0.0	--	0.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	8.5	104.8	--	113.3

*Depth strata <50 & >120 not sampled.

Appendix Table C-241. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2A, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.0	0.0	0.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	60.1	82.0	71.6	213.7
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	60.1	82.0	71.6	213.7

*Depth strata <50 not sampled.

Appendix Table C-242. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2A, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.0	0.0	--	0.0
<i>S. entomelas</i>	--	24.1	3.5	--	27.6
<i>S. flavidus</i>	--	0.0	0.0	--	0.0
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	0.0	0.0	--	0.0
<i>S. proriger</i>	--	0.0	0.0	--	0.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	24.1	3.5	--	27.6

*Depth strata <50 & >120 not sampled.

Appendix Table C-243. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2A, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.0	0.2	0.2
<i>S. aurora</i>	--	0.0	0.0	0.2	0.2
<i>S. babcocki</i>	--	0.0	0.0	0.2	0.2
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.0	0.2	0.2
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.0	0.2	0.2
<i>S. entomelas</i>	--	56.5	36.6	65.9	159.0
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	2.1	0.0	0.0	2.1
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	58.6	36.6	66.9	162.1

*Depth strata <50 not sampled.

Appendix Table C-244. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2A, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120	
<i>S. alutus</i>	--	0.0	--	0.0	0.0
<i>S. aurora</i>	--	0.0	--	0.0	0.0
<i>S. babcocki</i>	--	0.0	--	0.3	0.3
<i>S. brevispinus</i>	--	0.0	--	0.0	0.0
<i>S. borealis</i>	--	0.0	--	0.0	0.0
<i>S. crameri</i>	--	0.0	--	0.8	0.8
<i>S. diploproa</i>	--	0.0	--	0.0	0.0
<i>S. elongatus</i>	--	0.6	--	0.5	1.0
<i>S. entomelas</i>	--	113.2	--	41.5	154.7
<i>S. flavidus</i>	--	0.0	--	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	--	0.0	0.0
<i>S. melanops</i>	--	0.0	--	0.0	0.0
<i>S. paucispinus</i>	--	0.0	--	0.0	0.0
<i>S. pinniger</i>	--	4.2	--	0.0	4.2
<i>S. proriger</i>	--	0.0	--	0.0	0.0
<i>S. reedi</i>	--	0.0	--	0.0	0.0
<i>S. rubberimus</i>	--	0.0	--	0.0	0.0
<i>S. saxicola</i>	--	0.0	--	0.0	0.0
<i>S. zacentrus</i>	--	0.0	--	0.2	0.2
<i>S. alascanus</i>	--	0.0	--	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	--	0.0	0.0
<i>S. aleutianus</i>	--	0.0	--	0.0	0.0
<i>S. goodei</i>	--	0.0	--	0.0	0.0
Other	--	0.0	--	0.0	0.0
Total mt Landed	--	118.0	--	43.3	161.2

*Depth strata <50 & 81-120 not sampled.

Appendix Table C-245. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2B, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.2	0.0	0.0	0.2
<i>S. entomelas</i>	293.6	651.4	158.5	47.8	1,151.3
<i>S. flavidus</i>	0.1	6.6	0.5	0.0	7.2
<i>S. helvomaculatus</i>	0.0	0.9	0.1	0.0	1.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	1.5	0.0	0.0	1.5
<i>S. pinniger</i>	0.0	2.0	1.8	0.0	3.8
<i>S. proriger</i>	0.2	14.4	0.0	7.7	22.3
<i>S. reedi</i>	0.0	0.5	0.0	0.0	0.5
<i>S. rubberimus</i>	0.0	1.0	0.0	0.0	1.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.1	7.2	0.0	1.1	8.4
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.5	0.0	0.0	0.5
<i>S. aleutianus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.2	0.0	0.0	0.2
<i>S. wilsoni</i>	0.0	0.7	0.0	0.1	0.8
<i>S. jordani</i>	0.0	0.7	0.0	0.0	0.7
Other	0.0	0.6	0.0	0.0	0.6
Total mt Landed	294.1	688.4	160.9	56.7	1,200.1

Appendix Table C-246. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2B, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	400.9	635.5	245.1	10.8	1,292.3
<i>S. flavidus</i>	0.6	0.1	0.1	1.6	2.4
<i>S. helvomaculatus</i>	0.0	0.3	0.0	0.0	0.3
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	1.0	0.0	0.0	1.0
<i>S. pinniger</i>	0.0	0.7	0.0	0.0	0.7
<i>S. proriger</i>	0.0	4.6	0.0	0.0	4.6
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	2.4	0.0	0.0	2.4
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. wilsoni</i>	0.0	0.6	0.0	0.0	0.6
<i>S. jordani</i>	0.0	0.7	0.0	0.0	0.7
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	401.5	645.9	245.2	12.4	1,305.0

Appendix Table C-247. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2B, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.4	0.0	0.4
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	0.2	0.0	0.2
<i>S. elongatus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. entomelas</i>	198.4	94.9	344.7	43.4	681.4
<i>S. flavidus</i>	0.9	0.7	8.6	0.0	10.2
<i>S. helvomaculatus</i>	0.0	0.0	0.2	0.0	0.2
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.5	0.0	0.5
<i>S. pinniger</i>	0.0	0.0	0.1	0.0	0.1
<i>S. proriger</i>	0.7	0.1	0.1	0.0	0.9
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.3	2.5	0.0	2.8
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. wilsoni</i>	0.0	0.2	0.0	0.0	0.2
<i>S. jordani</i>	0.0	1.3	0.0	0.0	1.3
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	200.0	97.5	357.5	43.4	698.4

Appendix Table C-248. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2B, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.0	--	0.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.0	0.0	--	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	--	0.0
<i>S. entomelas</i>	144.9	185.0	149.5	--	479.4
<i>S. flavidus</i>	0.5	0.2	0.0	--	0.7
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	--	0.0
<i>S. proriger</i>	0.0	0.0	0.0	--	0.0
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	--	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	145.4	185.2	149.5	--	480.1

*Depth strata >120 not sampled.

Appendix Table C-249. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2B, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.5	0.5
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	217.6	911.0	298.5	57.6	1,484.7
<i>S. flavidus</i>	0.0	1.1	1.0	0.0	2.1
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	0.0	1.2	0.0	0.0	1.2
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.2	0.0	0.2	0.4
Total mt Landed	217.6	913.5	299.5	58.1	1,488.9

Appendix Table C-250. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2B, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.0	--	0.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.0	0.0	--	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	--	0.0
<i>S. entomelas</i>	497.7	1,083.0	1,228.3	--	2,809.0
<i>S. flavidus</i>	0.0	0.0	1.7	--	1.7
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	--	0.0
<i>S. proriger</i>	0.0	0.0	3.8	--	3.8
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	1.2	--	1.2
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
<i>S. jordani</i>	0.0	0.0	4.2	--	4.2
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	497.7	1,083.0	1,239.2	--	2,819.9

*Depth strata >120 not sampled.

Appendix Table C-251. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2B, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	757.2	964.5	374.2	35.4	2,131.3
<i>S. flavidus</i>	0.0	0.0	0.5	0.0	0.5
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. wilsoni</i>	0.0	0.0	0.4	0.0	0.4
<i>S. jordani</i>	0.0	0.0	0.1	0.0	0.1
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	757.2	964.5	375.2	35.4	2,132.3

Appendix Table C-252. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2B, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.0	0.0	0.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.8	0.0	0.0	0.8
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	368.0	431.2	0.8	800.0
<i>S. flavidus</i>	--	0.6	0.2	0.0	0.8
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.3	0.5	0.0	0.8
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.6	0.2	0.0	0.8
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	370.3	432.1	0.8	803.2

*Depth strata <50 not sampled.

Appendix Table C-253. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2B, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	1.0	0.0	--	1.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	1.0	0.0	--	1.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	6.1	0.0	--	6.1
<i>S. entomelas</i>	--	685.2	318.0	--	1,003.2
<i>S. flavidus</i>	--	0.4	1.6	--	2.0
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	1.0	0.0	--	1.0
<i>S. proriger</i>	--	0.5	0.5	--	1.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	1.0	--	1.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
<i>S. altivelis</i>	--	1.0	0.0	--	1.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	696.2	321.1	--	1,017.3

*Depth strata <50 & >120 not sampled.

Appendix Table C-254. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2B, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
S. alutus	--	0.0	1.2	0.0	1.2
S. aurora	--	0.0	1.2	0.0	1.2
S. babcocki	--	0.0	1.2	0.0	1.2
S. brevispinus	--	1.2	0.0	0.0	1.2
S. borealis	--	0.0	0.0	0.0	0.0
S. crameri	--	0.0	1.2	0.0	1.2
S. diploproa	--	0.0	1.2	0.0	1.2
S. elongatus	--	0.0	0.0	0.0	0.0
S. entomelas	--	854.9	300.7	1.2	1,156.8
S. flavidus	--	2.2	0.2	0.0	2.4
S. helvomaculatus	--	0.0	0.0	0.0	0.0
S. melanops	--	0.0	0.0	0.0	0.0
S. paucispinus	--	0.0	0.0	0.0	0.0
S. pinniger	--	0.0	0.0	0.0	0.0
S. proriger	--	1.2	0.0	0.0	1.2
S. reedi	--	0.0	1.2	0.0	1.2
S. rubberimus	--	0.0	0.0	0.0	0.0
S. saxicola	--	0.0	2.4	0.0	2.4
S. zacentrus	--	0.0	2.4	0.0	2.4
S. alascanus	--	0.0	0.0	0.0	0.0
S. chlorostictus	--	0.0	0.0	0.0	0.0
S. aleutianus	--	0.0	1.2	0.0	1.2
S. goodei	--	0.0	1.2	0.0	1.2
S. melanostomus	--	0.0	1.2	0.0	1.2
S. rufus	--	0.0	1.2	0.0	1.2
S. altivelis	--	1.2	0.0	0.0	1.2
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	860.7	317.7	1.2	1,179.6

*Depth strata <50 not sampled.

Appendix Table C-255. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2C, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120*	
<i>S. alutus</i>	0.0	--	0.0	--	0.0
<i>S. aurora</i>	0.0	--	0.0	--	0.0
<i>S. babcocki</i>	0.0	--	0.0	--	0.0
<i>S. brevispinus</i>	0.3	--	0.0	--	0.3
<i>S. borealis</i>	0.0	--	0.0	--	0.0
<i>S. crameri</i>	0.1	--	0.0	--	0.1
<i>S. diploproa</i>	0.0	--	0.0	--	0.0
<i>S. elongatus</i>	0.0	--	0.0	--	0.0
<i>S. entomelas</i>	2,414.0	--	126.0	--	2,540.0
<i>S. flavidus</i>	14.5	--	0.2	--	14.7
<i>S. helvomaculatus</i>	0.0	--	0.0	--	0.0
<i>S. melanops</i>	0.0	--	0.0	--	0.0
<i>S. paucispinus</i>	0.1	--	0.0	--	0.1
<i>S. pinniger</i>	0.0	--	0.0	--	0.0
<i>S. proriger</i>	0.4	--	0.1	--	0.5
<i>S. reedi</i>	1.0	--	0.0	--	1.0
<i>S. rubberimus</i>	0.0	--	0.0	--	0.0
<i>S. saxicola</i>	0.0	--	0.0	--	0.0
<i>S. zacentrus</i>	0.0	--	0.0	--	0.0
<i>S. alascanus</i>	0.0	--	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	--	0.0	--	0.0
<i>S. aleutianus</i>	0.0	--	0.0	--	0.0
<i>S. goodei</i>	0.0	--	0.0	--	0.0
<i>S. jordani</i>	0.3	--	0.0	--	0.3
Other	0.2	--	0.0	--	0.2
Total mt Landed	2,430.9	--	126.3	--	2,557.2

*Depth strata 51-80 & >120 not sampled.

Appendix Table C-256. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2C, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.0	--	--	--	0.0
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. crameri</i>	0.0	--	--	--	0.0
<i>S. diploproa</i>	0.0	--	--	--	0.0
<i>S. elongatus</i>	0.0	--	--	--	0.0
<i>S. entomelas</i>	1,848.3	--	--	--	1,848.3
<i>S. flavidus</i>	2.6	--	--	--	2.6
<i>S. helvomaculatus</i>	0.0	--	--	--	0.0
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	0.0	--	--	--	0.0
<i>S. proriger</i>	0.0	--	--	--	0.0
<i>S. reedi</i>	0.0	--	--	--	0.0
<i>S. rubberimus</i>	0.0	--	--	--	0.0
<i>S. saxicola</i>	0.0	--	--	--	0.0
<i>S. zacentrus</i>	0.0	--	--	--	0.0
<i>S. alascanus</i>	0.0	--	--	--	0.0
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	1,850.9	--	--	--	1,850.9

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-257. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2C, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.0	--	--	0.0	0.0
<i>S. aurora</i>	0.0	--	--	0.0	0.0
<i>S. babcocki</i>	0.0	--	--	0.0	0.0
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. crameri</i>	0.0	--	--	0.0	0.0
<i>S. diploproa</i>	0.0	--	--	0.0	0.0
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	2,052.5	--	--	1.4	2,053.9
<i>S. flavidus</i>	1.5	--	--	0.0	1.5
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.4	--	--	0.0	0.4
<i>S. reedi</i>	0.5	--	--	0.0	0.5
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.0	--	--	0.0	0.0
<i>S. alascanus</i>	0.0	--	--	0.0	0.0
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.0	--	--	0.0	0.0
<i>S. goodei</i>	0.0	--	--	0.0	0.0
<i>S. jordani</i>	0.3	--	--	0.0	0.3
Other	0.0	--	--	0.0	0.0
Total mt Landed	2,055.2	--	--	1.4	2,056.6

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-258. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2C, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	1.7	--	--	0.0	1.7
<i>S. aurora</i>	0.0	--	--	0.0	0.0
<i>S. babcocki</i>	0.0	--	--	0.0	0.0
<i>S. brevispinus</i>	0.4	--	--	0.0	0.4
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. crameri</i>	0.0	--	--	0.0	0.0
<i>S. diploproa</i>	0.0	--	--	0.0	0.0
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	2,528.4	--	--	7.4	2,535.8
<i>S. flavidus</i>	10.3	--	--	0.0	10.3
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.0	--	--	0.0	0.0
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.0	--	--	0.0	0.0
<i>S. alascanus</i>	0.0	--	--	0.0	0.0
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.0	--	--	0.0	0.0
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	2,540.8	--	--	7.4	2,548.2

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-259. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2C, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	0.0	--	0.0	0.0	0.0
<i>S. aurora</i>	0.0	--	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	--	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. borealis</i>	0.0	--	0.0	0.0	0.0
<i>S. crameri</i>	0.0	--	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	--	0.0	0.0	0.0
<i>S. elongatus</i>	1,830.6	--	11.0	21.8	1,863.4
<i>S. entomelas</i>	12.7	--	3.9	0.0	16.6
<i>S. flavidus</i>	0.0	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	0.0	0.0	0.0
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	0.5	--	0.0	0.6	1.1
<i>S. pinniger</i>	0.9	--	0.0	0.0	0.9
<i>S. proriger</i>	0.3	--	0.0	0.0	0.3
<i>S. reedi</i>	0.0	--	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	--	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	--	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	--	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	--	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	--	0.0	0.0	0.0
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	1,845.0	--	14.9	22.4	1,882.3

*Depth strata 51-80 not sampled.

Appendix Table C-260. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2C, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120*	
<i>S. alutus</i>	0.0	--	0.0	--	0.0
<i>S. aurora</i>	0.0	--	0.0	--	0.0
<i>S. babcocki</i>	0.0	--	0.0	--	0.0
<i>S. brevispinus</i>	0.0	--	0.0	--	0.0
<i>S. borealis</i>	0.0	--	0.0	--	0.0
<i>S. crameri</i>	0.0	--	0.0	--	0.0
<i>S. diploproa</i>	0.0	--	0.0	--	0.0
<i>S. elongatus</i>	4.0	--	0.0	--	4.0
<i>S. entomelas</i>	1,965.7	--	39.1	--	2,004.8
<i>S. flavidus</i>	2.9	--	0.0	--	2.9
<i>S. helvomaculatus</i>	0.0	--	0.0	--	0.0
<i>S. melanops</i>	0.0	--	0.0	--	0.0
<i>S. paucispinus</i>	0.0	--	0.0	--	0.0
<i>S. pinniger</i>	0.0	--	0.0	--	0.0
<i>S. proriger</i>	0.0	--	0.0	--	0.0
<i>S. reedi</i>	0.0	--	0.0	--	0.0
<i>S. rubberimus</i>	0.0	--	0.0	--	0.0
<i>S. saxicola</i>	0.0	--	0.0	--	0.0
<i>S. zacentrus</i>	0.0	--	0.0	--	0.0
<i>S. alascanus</i>	0.0	--	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	--	0.0	--	0.0
<i>S. aleutianus</i>	0.0	--	0.0	--	0.0
<i>S. goodei</i>	0.0	--	0.0	--	0.0
Other	0.0	--	0.0	--	0.0
Total mt Landed	1,972.6	--	39.1	--	2,011.7

*Depth strata 51-80 & >120 not sampled.

Appendix Table C-261. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2C, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.0	--	--	--	0.0
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. crameri</i>	0.0	--	--	--	0.0
<i>S. diploproa</i>	0.0	--	--	--	0.0
<i>S. elongatus</i>	0.0	--	--	--	0.0
<i>S. entomelas</i>	1,233.4	--	--	--	1,233.4
<i>S. flavidus</i>	0.0	--	--	--	0.0
<i>S. helvomaculatus</i>	0.0	--	--	--	0.0
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	0.0	--	--	--	0.0
<i>S. proriger</i>	0.0	--	--	--	0.0
<i>S. reedi</i>	0.0	--	--	--	0.0
<i>S. rubberimus</i>	0.0	--	--	--	0.0
<i>S. saxicola</i>	0.0	--	--	--	0.0
<i>S. zacentrus</i>	0.0	--	--	--	0.0
<i>S. alascanus</i>	0.0	--	--	--	0.0
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	1,233.4	--	--	--	1,233.4

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-262. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2C, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.0	0.0	0.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	12.4	378.0	1,367.9	1,758.3
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	12.4	378.0	1,367.9	1,758.3

*Depth strata <50 not sampled.

Appendix Table C-263. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2C, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.0	0.0	0.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	125.3	1,139.3	384.1	1,648.7
<i>S. flavidus</i>	--	4.9	0.0	0.0	4.9
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	0.0	1.7	1.7
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	130.2	1,139.3	385.8	1,655.3

*Depth strata <50 not sampled.

Appendix Table C-264. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 2C, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.0	0.0	0.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	882.0	953.0	455.9	2,290.9
<i>S. flavidus</i>	--	9.0	2.5	0.0	11.5
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	891.0	955.5	455.9	2,302.4

*Depth strata <50 not sampled.

Appendix Table C-265. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 3A, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.8	0.0	0.0	0.8
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.2	0.2	0.0	0.4
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	104.1	303.5	464.0	0.0	871.6
<i>S. flavidus</i>	1.3	16.6	0.0	28.1	46.0
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.2	0.0	0.2
<i>S. pinniger</i>	0.1	0.3	1.3	0.0	1.7
<i>S. proriger</i>	0.1	0.0	0.3	0.0	0.4
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	105.6	321.4	466.0	28.1	921.1

Appendix Table C-266. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 3A, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.0	--	0.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.0	0.0	--	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	--	0.0
<i>S. entomelas</i>	17.5	768.7	73.6	--	859.8
<i>S. flavidus</i>	0.5	22.0	2.8	--	25.3
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. pinniger</i>	0.0	0.7	0.0	--	0.7
<i>S. proriger</i>	0.0	0.0	0.0	--	0.0
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	--	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	18.0	791.4	76.4	--	885.8

*Depth strata >120 not sampled.

Appendix Table C-267. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC 3A, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.0	--	0.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.0	0.0	--	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.1	0.0	--	0.1
<i>S. entomelas</i>	225.6	951.5	160.8	--	1,337.9
<i>S. flavidus</i>	1.2	7.0	0.1	--	8.3
<i>S. helvomaculatus</i>	0.0	0.0	0.2	--	0.2
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.0	0.8	0.2	--	1.0
<i>S. pinniger</i>	0.4	0.3	0.1	--	0.8
<i>S. proriger</i>	0.2	2.5	0.0	--	2.7
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.1	0.3	--	0.4
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. altivelis</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	227.4	962.3	161.7	--	1,351.4

*Depth strata >120 not sampled.

Appendix Table C-268. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 3A, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.0	--	0.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.4	0.0	--	0.4
<i>S. diploproa</i>	0.0	2.4	0.0	--	2.4
<i>S. elongatus</i>	0.0	2.5	0.0	--	2.5
<i>S. entomelas</i>	723.2	1,961.9	236.7	--	2,921.8
<i>S. flavidus</i>	0.4	34.4	4.5	--	39.3
<i>S. helvomaculatus</i>	0.0	0.1	0.0	--	0.1
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. pinniger</i>	0.0	11.9	0.0	--	11.9
<i>S. proriger</i>	0.0	0.6	0.2	--	0.8
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	--	0.0
<i>S. alascanus</i>	0.0	1.0	0.0	--	1.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.2	0.0	--	0.2
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	723.6	2,015.4	241.4	--	2,980.4

*Depth strata >120 not sampled.

Appendix Table C-269. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 3A, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	3.1	0.0	--	3.1
<i>S. entomelas</i>	--	1,268.1	531.3	--	1,799.4
<i>S. flavidus</i>	--	8.6	10.3	--	18.9
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	0.0	0.0	--	0.0
<i>S. proriger</i>	--	2.8	0.2	--	3.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
<i>S. jordani</i>	--	0.0	0.3	--	0.3
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	1,282.6	542.1	--	1,824.7

*Depth strata <50 & >120 not sampled.

Appendix Table C-270. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC 3A, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.0	--	0.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	0.3	0.0	--	0.3
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.0	0.0	--	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	--	0.0
<i>S. entomelas</i>	269.6	1,488.4	120.9	--	1,878.9
<i>S. flavidus</i>	2.8	9.6	1.1	--	13.5
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.0	0.0	0.9	--	0.9
<i>S. pinniger</i>	0.0	0.1	0.0	--	0.1
<i>S. proriger</i>	0.0	1.9	0.0	--	1.9
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.7	0.4	--	1.1
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	272.4	1,501.0	123.3	--	1,896.7

*Depth strata >120 not sampled.

Appendix Table C-271. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 3A, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	44.7	995.0	758.1	3.4	1,801.2
<i>S. flavidus</i>	0.0	3.8	1.0	0.0	4.8
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	0.0	0.9	0.4	0.0	1.3
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.9	0.7	0.0	1.6
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	44.7	1,000.6	760.2	3.4	1,808.9

Appendix Table C-272. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 3A, 1991.

fm = fathoms

Species	Depth Strata (F)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.0	--	0.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.0	0.0	--	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	--	0.0
<i>S. entomelas</i>	63.0	671.1	165.5	--	899.6
<i>S. flavidus</i>	0.0	14.3	0.3	--	14.6
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	--	0.0
<i>S. proriger</i>	0.0	0.0	0.9	--	0.9
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	--	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	63.0	685.4	166.7	--	915.1

*Depth strata >120 not sampled.

Appendix Table C-273. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 3A, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. cramerii</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.0	0.0	--	0.0
<i>S. entomelas</i>	--	297.3	289.1	--	586.4
<i>S. flavidus</i>	--	13.3	0.5	--	13.8
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	0.0	0.0	--	0.0
<i>S. proriger</i>	--	0.0	0.0	--	0.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.6	0.0	--	0.6
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	311.2	289.6	--	600.8

*Depth strata <50 & >120 not sampled.

Appendix Table C-274. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 3A, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	1.0	435.3	508.6	58.2	1,003.1
<i>S. flavidus</i>	0.0	0.0	7.2	6.2	13.4
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	0.0	0.0	0.0	2.0	2.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	1.0	435.3	515.8	66.4	1,018.5

Appendix Table C-275. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 3B, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120*	
<i>S. alutus</i>	0.0	--	0.0	--	0.0
<i>S. aurora</i>	0.0	--	0.0	--	0.0
<i>S. babcocki</i>	0.0	--	0.0	--	0.0
<i>S. brevispinus</i>	0.1	--	0.0	--	0.1
<i>S. borealis</i>	0.0	--	0.0	--	0.0
<i>S. crameri</i>	0.0	--	0.0	--	0.0
<i>S. diploproa</i>	0.0	--	0.0	--	0.0
<i>S. elongatus</i>	0.0	--	0.0	--	0.0
<i>S. entomelas</i>	4.7	--	3.2	--	7.9
<i>S. flavidus</i>	0.0	--	0.2	--	0.2
<i>S. helvomaculatus</i>	0.0	--	0.0	--	0.0
<i>S. melanops</i>	0.0	--	0.0	--	0.0
<i>S. paucispinus</i>	0.0	--	0.0	--	0.0
<i>S. pinniger</i>	0.0	--	0.0	--	0.0
<i>S. proriger</i>	0.0	--	0.0	--	0.0
<i>S. reedi</i>	0.0	--	0.0	--	0.0
<i>S. rubberimus</i>	0.0	--	0.0	--	0.0
<i>S. saxicola</i>	0.0	--	0.0	--	0.0
<i>S. zacentrus</i>	0.0	--	0.0	--	0.0
<i>S. alascanus</i>	0.0	--	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	--	0.0	--	0.0
<i>S. aleutianus</i>	0.0	--	0.0	--	0.0
<i>S. goodei</i>	0.0	--	0.0	--	0.0
Other	0.0	--	0.0	--	0.0
Total mt Landed	4.8	--	3.4	--	8.2

*Depth strata 51-80 & >120 not sampled.

Appendix Table C-276. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 3B, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.0	--	--	--	0.0
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. crameri</i>	0.0	--	--	--	0.0
<i>S. diploproa</i>	0.0	--	--	--	0.0
<i>S. elongatus</i>	0.0	--	--	--	0.0
<i>S. entomelas</i>	13.3	--	--	--	13.3
<i>S. flavidus</i>	0.9	--	--	--	0.9
<i>S. helvomaculatus</i>	0.0	--	--	--	0.0
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	0.0	--	--	--	0.0
<i>S. proriger</i>	0.0	--	--	--	0.0
<i>S. reedi</i>	0.0	--	--	--	0.0
<i>S. rubberimus</i>	0.0	--	--	--	0.0
<i>S. saxicola</i>	0.0	--	--	--	0.0
<i>S. zacentrus</i>	0.0	--	--	--	0.0
<i>S. alascanus</i>	0.0	--	--	--	0.0
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	14.2	--	--	--	14.2

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-277. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 3B, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.0	--	--	0.0	0.0
<i>S. aurora</i>	0.0	--	--	0.0	0.0
<i>S. babcocki</i>	0.0	--	--	0.0	0.0
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. crameri</i>	0.0	--	--	0.0	0.0
<i>S. diploproa</i>	0.0	--	--	0.0	0.0
<i>S. elongatus</i>	27.3	--	--	12.1	39.4
<i>S. entomelas</i>	0.5	--	--	0.7	1.2
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.0	--	--	0.0	0.0
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.0	--	--	0.0	0.0
<i>S. alascanus</i>	0.0	--	--	0.0	0.0
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.0	--	--	0.0	0.0
<i>S. goodei</i>	0.0	--	--	0.0	0.0
<i>S. jordani</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	27.8	--	--	12.8	40.6

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-278. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 3B, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.0	--	--	--	0.0
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. crameri</i>	0.0	--	--	--	0.0
<i>S. diploproa</i>	0.0	--	--	--	0.0
<i>S. elongatus</i>	0.0	--	--	--	0.0
<i>S. entomelas</i>	22.7	--	--	--	22.7
<i>S. flavidus</i>	0.2	--	--	--	0.2
<i>S. helvomaculatus</i>	0.0	--	--	--	0.0
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	0.0	--	--	--	0.0
<i>S. proriger</i>	0.0	--	--	--	0.0
<i>S. reedi</i>	0.0	--	--	--	0.0
<i>S. rubberimus</i>	0.0	--	--	--	0.0
<i>S. saxicola</i>	0.0	--	--	--	0.0
<i>S. zacentrus</i>	0.0	--	--	--	0.0
<i>S. alascanus</i>	0.0	--	--	--	0.0
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	22.9	--	--	--	22.9

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-279. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 3B, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120*	
<i>S. alutus</i>	--	0.0	--	--	0.0
<i>S. aurora</i>	--	0.0	--	--	0.0
<i>S. babcocki</i>	--	0.0	--	--	0.0
<i>S. brevispinus</i>	--	0.0	--	--	0.0
<i>S. borealis</i>	--	0.0	--	--	0.0
<i>S. crameri</i>	--	0.0	--	--	0.0
<i>S. diploproa</i>	--	0.0	--	--	0.0
<i>S. elongatus</i>	--	0.0	--	--	0.0
<i>S. entomelas</i>	--	124.6	--	--	124.6
<i>S. flavidus</i>	--	1.1	--	--	1.1
<i>S. helvomaculatus</i>	--	0.0	--	--	0.0
<i>S. melanops</i>	--	0.0	--	--	0.0
<i>S. paucispinus</i>	--	0.0	--	--	0.0
<i>S. pinniger</i>	--	0.0	--	--	0.0
<i>S. proriger</i>	--	0.0	--	--	0.0
<i>S. reedi</i>	--	0.0	--	--	0.0
<i>S. rubberimus</i>	--	0.0	--	--	0.0
<i>S. saxicola</i>	--	0.0	--	--	0.0
<i>S. zacentrus</i>	--	0.0	--	--	0.0
<i>S. alascanus</i>	--	0.0	--	--	0.0
<i>S. chlorostictus</i>	--	0.0	--	--	0.0
<i>S. aleutianus</i>	--	0.0	--	--	0.0
<i>S. goodei</i>	--	0.0	--	--	0.0
Other	--	0.0	--	--	0.0
Total mt Landed	--	125.7	--	--	125.7

*Depth strata <50, 81-120 & >120 not sampled.

Appendix Table C-280. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 3B, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	97.3	51.2	--	148.5
<i>S. entomelas</i>	--	0.0	0.0	--	0.0
<i>S. flavidus</i>	--	0.0	0.0	--	0.0
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	0.0	0.0	--	0.0
<i>S. proriger</i>	--	0.0	0.0	--	0.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	97.3	51.2	--	148.5

*Depth strata <50 & >120 not sampled.

Appendix Table C-281. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 3B, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.0	0.0	--	0.0
<i>S. entomelas</i>	--	249.0	83.5	--	332.5
<i>S. flavidus</i>	--	0.0	0.0	--	0.0
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	0.0	0.0	--	0.0
<i>S. proriger</i>	--	0.0	0.0	--	0.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	249.0	83.5	--	332.5

*Depth strata <50 & >120 not sampled.

Appendix Table C-282. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 3B, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.0	2.4	2.4
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. cramerii</i>	--	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	330.7	120.7	31.4	482.8
<i>S. flavidus</i>	--	5.9	0.0	0.0	5.9
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	336.6	120.7	33.8	491.1

*Depth strata <50 not sampled.

Appendix Table C-283. Species composition of category 431 (widow rockfish) landings (mt) by depth strata, PMFC area 3B, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.0	0.0	--	0.0
<i>S. entomelas</i>	--	265.5	320.6	--	586.1
<i>S. flavidus</i>	--	1.8	0.0	--	1.8
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	0.0	0.0	--	0.0
<i>S. proriger</i>	--	0.0	0.0	--	0.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	267.3	320.6	--	587.9

*Depth strata <50 & >120 not sampled.

Appendix Table C-284. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 1C, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.1	--	--	--	0.1
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.1	--	--	--	0.1
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. crameri</i>	0.1	--	--	--	0.1
<i>S. diploproa</i>	0.0	--	--	--	0.0
<i>S. elongatus</i>	0.1	--	--	--	0.1
<i>S. entomelas</i>	0.2	--	--	--	0.2
<i>S. flavidus</i>	2.6	--	--	--	2.6
<i>S. helvomaculatus</i>	0.0	--	--	--	0.0
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.1	--	--	--	0.1
<i>S. pinniger</i>	0.1	--	--	--	0.1
<i>S. proriger</i>	0.0	--	--	--	0.0
<i>S. reedi</i>	0.1	--	--	--	0.1
<i>S. rubberimus</i>	0.1	--	--	--	0.1
<i>S. saxicola</i>	0.0	--	--	--	0.0
<i>S. zacentrus</i>	0.1	--	--	--	0.1
<i>S. alascanus</i>	0.0	--	--	--	0.0
<i>S. chlorostictus</i>	0.1	--	--	--	0.1
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
Other	0.1	--	--	--	0.1
Total mt Landed	3.9	--	--	--	3.9

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-285. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 1C, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120*	
<i>S. alutus</i>	--	0.0	--	--	0.0
<i>S. aurora</i>	--	0.0	--	--	0.0
<i>S. babcocki</i>	--	0.0	--	--	0.0
<i>S. brevispinus</i>	--	0.0	--	--	0.0
<i>S. borealis</i>	--	0.0	--	--	0.0
<i>S. crameri</i>	--	0.0	--	--	0.0
<i>S. diploproa</i>	--	0.0	--	--	0.0
<i>S. elongatus</i>	--	0.1	--	--	0.1
<i>S. entomelas</i>	--	0.1	--	--	0.1
<i>S. flavidus</i>	--	3.4	--	--	3.4
<i>S. helvomaculatus</i>	--	0.0	--	--	0.0
<i>S. melanops</i>	--	0.0	--	--	0.0
<i>S. paucispinus</i>	--	0.0	--	--	0.0
<i>S. pinniger</i>	--	0.3	--	--	0.3
<i>S. proriger</i>	--	0.0	--	--	0.0
<i>S. reedi</i>	--	0.0	--	--	0.0
<i>S. rubberimus</i>	--	0.0	--	--	0.0
<i>S. saxicola</i>	--	0.0	--	--	0.0
<i>S. zacentrus</i>	--	0.0	--	--	0.0
<i>S. alascanus</i>	--	0.0	--	--	0.0
<i>S. chlorostictus</i>	--	0.0	--	--	0.0
<i>S. aleutianus</i>	--	0.0	--	--	0.0
<i>S. goodei</i>	--	0.0	--	--	0.0
Other	--	0.0	--	--	0.0
Total mt Landed	--	3.9	--	--	3.9

*Depth strata <50, 81-120 & >120 not sampled.

Appendix Table C-286. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 1C, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.0	0.0	0.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	0.0	0.6	0.0	0.6
<i>S. flavidus</i>	--	0.2	1.9	0.1	2.2
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.1	0.0	0.1
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	0.2	2.6	0.1	2.9

*Depth strata <50 not sampled.

Appendix Table C-287. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2A, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.1	0.0	0.0	--	0.1
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.1	0.0	0.0	--	0.1
<i>S. brevispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.1	0.0	0.0	--	0.1
<i>S. diploproa</i>	0.1	0.0	0.0	--	0.1
<i>S. elongatus</i>	0.0	0.1	0.0	--	0.1
<i>S. entomelas</i>	0.2	0.3	0.0	--	0.5
<i>S. flavidus</i>	7.8	22.9	26.5	--	57.2
<i>S. helvomaculatus</i>	0.1	0.0	0.0	--	0.1
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.1	0.0	0.0	--	0.1
<i>S. pinniger</i>	0.2	0.3	0.0	--	0.5
<i>S. proriger</i>	0.1	0.0	0.0	--	0.1
<i>S. reedi</i>	0.1	0.0	0.0	--	0.1
<i>S. rubberimus</i>	0.1	0.0	0.0	--	0.1
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.1	0.0	--	0.1
<i>S. alascanus</i>	0.1	0.0	0.0	--	0.1
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	9.2	23.7	26.5	--	59.4

*Depth strata >120 not sampled.

Appendix Table C-288. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2A, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120*	
<i>S. alutus</i>	0.1	0.0	--	--	0.1
<i>S. aurora</i>	0.0	0.0	--	--	0.0
<i>S. babcocki</i>	0.1	0.0	--	--	0.1
<i>S. brevispinus</i>	0.1	0.0	--	--	0.1
<i>S. borealis</i>	0.0	0.0	--	--	0.0
<i>S. crameri</i>	0.1	0.0	--	--	0.1
<i>S. diploproa</i>	0.1	0.0	--	--	0.1
<i>S. elongatus</i>	0.1	0.0	--	--	0.1
<i>S. entomelas</i>	0.4	0.0	--	--	0.4
<i>S. flavidus</i>	6.0	3.9	--	--	9.9
<i>S. helvomaculatus</i>	0.0	0.0	--	--	0.0
<i>S. melanops</i>	0.0	0.0	--	--	0.0
<i>S. paucispinus</i>	0.4	0.0	--	--	0.4
<i>S. pinniger</i>	0.3	0.0	--	--	0.3
<i>S. proriger</i>	0.0	0.0	--	--	0.0
<i>S. reedi</i>	0.1	0.0	--	--	0.1
<i>S. rubberimus</i>	0.1	0.0	--	--	0.1
<i>S. saxicola</i>	0.0	0.0	--	--	0.0
<i>S. zacentrus</i>	0.1	0.0	--	--	0.1
<i>S. alascanus</i>	0.1	0.0	--	--	0.1
<i>S. chlorostictus</i>	0.1	0.0	--	--	0.1
<i>S. aleutianus</i>	0.0	0.0	--	--	0.0
<i>S. goodei</i>	0.0	0.0	--	--	0.0
Other	0.1	0.0	--	--	0.1
Total mt Landed	8.3	3.9	--	--	12.2

*Depth strata 81-120 & >120 not sampled.

Appendix Table C-289. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2A, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.1	0.0	0.0	--	0.1
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.1	0.0	0.0	--	0.1
<i>S. brevispinus</i>	0.1	0.0	0.0	--	0.1
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.1	0.0	0.0	--	0.1
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.2	0.1	0.0	--	0.3
<i>S. entomelas</i>	0.1	0.0	0.0	--	0.1
<i>S. flavidus</i>	27.8	2.7	1.5	--	32.0
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.9	0.1	0.0	--	1.0
<i>S. pinniger</i>	2.0	9.6	0.0	--	11.6
<i>S. proriger</i>	0.1	0.0	0.0	--	0.1
<i>S. reedi</i>	0.1	0.0	0.0	--	0.1
<i>S. rubberimus</i>	0.2	0.0	0.0	--	0.2
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.1	0.0	0.0	--	0.1
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.4	0.0	--	0.4
<i>S. aleutianus</i>	0.1	0.0	0.0	--	0.1
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	32.0	12.9	1.5	--	46.4

*Depth strata >120 not sampled.

Appendix Table C-290. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2A, 1989.

Species	Depth Strata (F)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.0	0.0	--	0.0
<i>S. entomelas</i>	--	0.0	0.0	--	0.0
<i>S. flavidus</i>	--	44.9	39.5	--	84.4
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	0.0	0.0	--	0.0
<i>S. proriger</i>	--	0.0	0.0	--	0.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	44.9	39.5	--	84.4

*Depth strata <50 & >120 not sampled.

Appendix Table C-291. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2A, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.4	0.4
<i>S. flavidus</i>	--	--	--	42.7	42.7
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	40.8	40.8
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	83.9	83.9

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-292. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2A, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120*	
<i>S. alutus</i>	--	--	0.0	--	0.0
<i>S. aurora</i>	--	--	0.0	--	0.0
<i>S. babcocki</i>	--	--	0.0	--	0.0
<i>S. brevispinus</i>	--	--	0.0	--	0.0
<i>S. borealis</i>	--	--	0.0	--	0.0
<i>S. crameri</i>	--	--	0.0	--	0.0
<i>S. diploproa</i>	--	--	0.0	--	0.0
<i>S. elongatus</i>	--	--	0.0	--	0.0
<i>S. entomelas</i>	--	--	1.2	--	1.2
<i>S. flavidus</i>	--	--	5.1	--	5.1
<i>S. helvomaculatus</i>	--	--	0.0	--	0.0
<i>S. melanops</i>	--	--	0.0	--	0.0
<i>S. paucispinus</i>	--	--	0.0	--	0.0
<i>S. pinniger</i>	--	--	2.7	--	2.7
<i>S. proriger</i>	--	--	0.0	--	0.0
<i>S. reedi</i>	--	--	0.0	--	0.0
<i>S. rubberimus</i>	--	--	0.0	--	0.0
<i>S. saxicola</i>	--	--	0.0	--	0.0
<i>S. zacentrus</i>	--	--	0.0	--	0.0
<i>S. alascanus</i>	--	--	0.0	--	0.0
<i>S. chlorostictus</i>	--	--	0.0	--	0.0
<i>S. aleutianus</i>	--	--	0.2	--	0.2
<i>S. goodei</i>	--	--	0.0	--	0.0
<i>S. emphaeus</i>	--	--	0.0	--	0.0
Other	--	--	0.0	--	0.0
Total mt Landed	--	--	9.2	--	9.2

*Depth strata <50, 51-80 & >120 not sampled.

Appendix Table C-293. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2A, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.5	0.6	1.1
<i>S. aurora</i>	0.0	0.0	0.2	0.0	0.2
<i>S. babcocki</i>	0.0	0.1	0.0	0.0	0.1
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	2.1	0.0	2.1
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. entomelas</i>	0.0	0.1	0.0	0.0	0.1
<i>S. flavidus</i>	1.5	0.3	4.1	12.7	18.6
<i>S. helvomaculatus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. melanops</i>	0.1	0.0	0.0	0.0	0.1
<i>S. paucispinus</i>	0.0	0.0	0.2	0.0	0.2
<i>S. pinniger</i>	0.0	0.0	0.5	0.3	0.8
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.1	2.0	2.1
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.3	0.0	0.3
<i>S. aleutianus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. maliger</i>	0.1	0.0	0.0	0.0	0.1
<i>S. mystinus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. rosaceus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. caurinus</i>	0.1	0.0	0.0	0.0	0.1
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	2.1	0.6	8.1	15.6	26.4

Appendix Table C-294. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2A, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	0.0	0.0	0.0	0.2	0.2
<i>S. babcocki</i>	0.1	0.1	0.0	0.0	0.2
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. cramerii</i>	0.0	0.1	0.0	0.0	0.1
<i>S. diploproa</i>	0.0	0.1	0.0	0.0	0.1
<i>S. elongatus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. entomelas</i>	1.0	1.2	1.6	0.3	4.1
<i>S. flavidus</i>	3.9	8.4	4.1	16.8	33.2
<i>S. helvomaculatus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. melanops</i>	0.1	0.1	0.0	0.0	0.2
<i>S. paucispinus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. pinniger</i>	0.0	0.6	0.1	3.2	3.9
<i>S. proriger</i>	0.0	0.0	0.0	0.1	0.1
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.4	0.0	0.4
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.1	0.0	0.0	0.1
<i>S. nigrocinctus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. mystinus</i>	0.4	0.2	0.0	0.0	0.6
<i>S. rosaceus</i>	0.0	0.1	0.0	0.0	0.1
Other	0.0	0.1	0.0	0.0	0.1
Total mt Landed	5.8	11.2	6.2	20.7	43.9

Appendix Table C-295. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2B, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.2	0.0	0.2
<i>S. aurora</i>	0.0	0.1	0.0	0.0	0.1
<i>S. babcocki</i>	0.1	0.4	1.0	0.0	1.5
<i>S. brevispinus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.5	0.1	0.0	0.6
<i>S. diploproa</i>	0.1	0.1	2.6	0.0	2.8
<i>S. elongatus</i>	0.1	0.6	0.2	0.0	0.9
<i>S. entomelas</i>	0.1	5.4	5.0	0.0	10.5
<i>S. flavidus</i>	7.3	136.3	99.0	1.9	244.5
<i>S. helvomaculatus</i>	0.0	0.1	0.2	0.0	0.3
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.1	6.2	4.5	0.0	10.8
<i>S. pinniger</i>	0.1	4.4	14.4	0.0	18.9
<i>S. proriger</i>	0.0	0.2	0.1	0.0	0.3
<i>S. reedi</i>	0.0	0.1	0.0	0.0	0.1
<i>S. rubberimus</i>	0.1	0.6	0.2	0.0	0.9
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.1	0.4	0.8	0.0	1.3
<i>S. alascanus</i>	0.1	0.1	0.4	0.0	0.6
<i>S. chlorostictus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. aleutianus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. goodei</i>	0.0	0.0	0.1	0.0	0.1
<i>S. wilsoni</i>	0.0	0.0	0.1	0.0	0.1
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	8.2	155.8	128.9	1.9	294.8

Appendix Table C-296. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2B, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.2	--	0.2
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.3	--	0.3
<i>S. brevispinus</i>	0.0	0.3	0.2	--	0.5
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.1	0.1	1.0	--	1.2
<i>S. diploproa</i>	0.0	0.0	3.0	--	3.0
<i>S. elongatus</i>	0.1	0.1	1.1	--	1.3
<i>S. entomelas</i>	0.3	1.9	31.8	--	34.0
<i>S. flavidus</i>	13.1	70.9	98.1	--	182.1
<i>S. helvomaculatus</i>	0.0	0.0	0.1	--	0.1
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.1	3.3	6.3	--	9.7
<i>S. pinniger</i>	0.1	8.7	2.9	--	11.7
<i>S. proriger</i>	0.0	0.0	0.1	--	0.1
<i>S. reedi</i>	0.0	0.2	0.1	--	0.3
<i>S. rubberimus</i>	0.1	0.4	0.6	--	1.1
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.1	1.4	--	1.5
<i>S. alascanus</i>	0.0	0.0	0.1	--	0.1
<i>S. chlorostictus</i>	0.0	0.1	0.4	--	0.5
<i>S. aleutianus</i>	0.1	0.0	0.0	--	0.1
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.1	--	0.1
Total mt Landed	14.0	86.1	147.8	--	247.9

*Depth strata >120 not sampled.

Appendix Table C-297. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2B, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.1	--	0.1
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.2	0.0	--	0.2
<i>S. brevispinus</i>	0.0	0.7	0.1	--	0.8
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.7	0.1	--	0.8
<i>S. diploproa</i>	0.0	0.1	0.0	--	0.1
<i>S. elongatus</i>	0.1	0.3	0.3	--	0.7
<i>S. entomelas</i>	0.0	0.8	0.0	--	0.8
<i>S. flavidus</i>	10.8	177.0	14.4	--	202.2
<i>S. helvomaculatus</i>	0.0	0.0	0.1	--	0.1
<i>S. melanops</i>	0.0	0.1	0.0	--	0.1
<i>S. paucispinus</i>	0.1	5.4	0.3	--	5.8
<i>S. pinniger</i>	0.1	12.2	1.4	--	13.7
<i>S. proriger</i>	0.0	0.3	0.1	--	0.4
<i>S. reedi</i>	0.0	0.0	0.1	--	0.1
<i>S. rubberimus</i>	0.1	0.4	0.2	--	0.7
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.1	0.1	--	0.2
<i>S. alascanus</i>	0.0	0.0	0.1	--	0.1
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.1	--	0.1
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
<i>S. wilsoni</i>	0.0	0.1	0.0	--	0.1
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	11.2	198.4	17.5	--	227.1

*Depth strata >120 not sampled.

Appendix Table C-298. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2B, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.1	--	0.1
<i>S. babcocki</i>	--	0.0	0.1	--	0.1
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.1	--	0.1
<i>S. diploproa</i>	--	0.0	0.1	--	0.1
<i>S. elongatus</i>	--	0.0	0.2	--	0.2
<i>S. entomelas</i>	--	1.3	0.4	--	1.7
<i>S. flavidus</i>	--	255.4	102.8	--	358.2
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.1	--	0.1
<i>S. pinniger</i>	--	1.5	0.7	--	2.2
<i>S. proriger</i>	--	0.1	0.0	--	0.1
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.1	--	0.1
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.1	--	0.1
<i>S. goodei</i>	--	0.0	0.0	--	0.0
<i>S. wilsoni</i>	--	0.1	0.0	--	0.1
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	258.4	104.8	--	363.2

*Depth strata <50 & >120 not sampled.

Appendix Table C-299. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2B, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.2	0.0	--	0.2
<i>S. babcocki</i>	--	0.0	0.4	--	0.4
<i>S. brevispinus</i>	--	1.0	0.0	--	1.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.0	0.1	--	0.1
<i>S. entomelas</i>	--	8.9	2.2	--	11.1
<i>S. flavidus</i>	--	171.8	157.1	--	328.9
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	1.4	--	1.4
<i>S. pinniger</i>	--	8.3	2.6	--	10.9
<i>S. proriger</i>	--	0.0	0.2	--	0.2
<i>S. reedi</i>	--	0.2	0.0	--	0.2
<i>S. rubberimus</i>	--	4.7	2.6	--	7.3
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	1.0	0.0	--	1.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.6	0.0	--	0.6
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	196.7	166.6	--	363.3

*Depth strata <50 & >120 not sampled.

Appendix Table C-300. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2B, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.0	--	0.0
<i>S. aurora</i>	0.0	0.0	0.1	--	0.1
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.0	0.0	--	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	--	0.0
<i>S. entomelas</i>	0.0	0.4	0.6	--	1.0
<i>S. flavidus</i>	21.4	182.2	63.4	--	267.0
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.0	0.0	0.5	--	0.5
<i>S. pinniger</i>	0.0	11.2	14.9	--	26.1
<i>S. proriger</i>	0.0	0.0	0.0	--	0.0
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.1	--	0.1
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	--	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.2	--	0.2
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	21.4	193.8	79.8	--	295.0

*Depth strata >120 not sampled.

Appendix Table C-301. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2B, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.2	0.0	--	0.2
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.2	0.0	--	0.2
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.4	0.0	--	0.4
<i>S. diploproa</i>	--	0.2	0.0	--	0.2
<i>S. elongatus</i>	--	0.0	0.0	--	0.0
<i>S. entomelas</i>	--	3.0	3.5	--	6.5
<i>S. flavidus</i>	--	161.2	55.2	--	216.4
<i>S. helvomaculatus</i>	--	0.0	0.2	--	0.2
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	0.8	1.7	--	2.5
<i>S. proriger</i>	--	2.4	0.1	--	2.5
<i>S. reedi</i>	--	0.0	0.2	--	0.2
<i>S. rubberimus</i>	--	0.6	0.0	--	0.6
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.2	--	0.2
<i>S. alascanus</i>	--	0.0	0.2	--	0.2
<i>S. chlorostictus</i>	--	0.8	0.0	--	0.8
<i>S. aleutianus</i>	--	0.2	0.2	--	0.4
<i>S. goodei</i>	--	0.0	0.0	--	0.0
<i>S. wilsoni</i>	--	0.2	0.0	--	0.2
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	170.2	61.5	--	231.7

*Depth strata <50 & >120 not sampled.

Appendix Table C-302. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2B, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.9	0.0	--	0.9
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.9	--	0.9
<i>S. brevispinus</i>	0.0	0.0	0.9	--	0.9
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	1.8	0.0	--	1.8
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.9	0.0	0.0	--	0.9
<i>S. entomelas</i>	0.1	17.7	0.1	--	17.9
<i>S. flavidus</i>	0.8	611.3	183.5	--	795.6
<i>S. helvomaculatus</i>	0.9	0.0	0.0	--	0.9
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. pinniger</i>	0.0	26.6	10.4	--	37.0
<i>S. proriger</i>	0.0	1.4	0.4	--	1.8
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	1.8	--	1.8
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	--	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	2.7	659.7	198.0	--	860.4

*Depth strata >120 not sampled.

Appendix Table C-303. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2B, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.1	0.0	0.1	0.0	0.2
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.2	0.0	0.0	0.0	0.2
<i>S. entomelas</i>	0.0	12.0	0.1	0.2	12.3
<i>S. flavidus</i>	0.5	132.5	90.4	2.7	226.1
<i>S. helvomaculatus</i>	0.2	0.0	0.0	0.0	0.2
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.2	0.0	0.0	0.2
<i>S. pinniger</i>	0.0	1.0	4.4	0.0	5.4
<i>S. proriger</i>	0.0	0.3	0.1	0.0	0.4
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.2	0.0	0.2
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.1	0.1	0.0	0.2
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.2	0.0	0.2
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.2	0.0	0.0	0.2
<i>S. ovalis</i>	0.0	0.2	0.0	0.0	0.2
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	1.0	146.5	95.6	2.9	246.0

Appendix Table C-304. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2C, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120*	
<i>S. alutus</i>	0.0	0.0	--	--	0.0
<i>S. aurora</i>	0.0	0.0	--	--	0.0
<i>S. babcocki</i>	0.0	0.0	--	--	0.0
<i>S. brevispinus</i>	2.3	0.0	--	--	2.3
<i>S. borealis</i>	0.0	0.0	--	--	0.0
<i>S. crameri</i>	0.0	0.0	--	--	0.0
<i>S. diploproa</i>	0.0	0.0	--	--	0.0
<i>S. elongatus</i>	0.0	0.0	--	--	0.0
<i>S. entomelas</i>	0.2	0.0	--	--	0.2
<i>S. flavidus</i>	227.4	10.1	--	--	237.5
<i>S. helvomaculatus</i>	0.0	0.0	--	--	0.0
<i>S. melanops</i>	0.0	0.0	--	--	0.0
<i>S. paucispinus</i>	3.5	0.0	--	--	3.5
<i>S. pinniger</i>	12.2	0.0	--	--	12.2
<i>S. proriger</i>	1.7	0.0	--	--	1.7
<i>S. reedi</i>	0.3	0.0	--	--	0.3
<i>S. rubberimus</i>	1.0	0.0	--	--	1.0
<i>S. saxicola</i>	0.0	0.0	--	--	0.0
<i>S. zacentrus</i>	0.0	0.0	--	--	0.0
<i>S. alascanus</i>	0.0	0.0	--	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	--	--	0.0
<i>S. aleutianus</i>	0.0	0.0	--	--	0.0
<i>S. goodei</i>	0.0	0.0	--	--	0.0
Other	0.0	0.0	--	--	0.0
Total mt Landed	248.6	10.1	--	--	258.7

*Depth strata 81-120 & >120 not sampled.

Appendix Table C-305. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2C, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120*	
<i>S. alutus</i>	0.0	--	0.0	--	0.0
<i>S. aurora</i>	0.0	--	0.0	--	0.0
<i>S. babcocki</i>	0.0	--	0.0	--	0.0
<i>S. brevispinus</i>	0.1	--	0.0	--	0.1
<i>S. borealis</i>	0.0	--	0.0	--	0.0
<i>S. crameri</i>	0.0	--	0.0	--	0.0
<i>S. diploproa</i>	0.0	--	0.0	--	0.0
<i>S. elongatus</i>	0.0	--	0.0	--	0.0
<i>S. entomelas</i>	0.3	--	0.1	--	0.4
<i>S. flavidus</i>	55.1	--	2.9	--	58.0
<i>S. helvomaculatus</i>	0.0	--	0.0	--	0.0
<i>S. melanops</i>	0.0	--	0.0	--	0.0
<i>S. paucispinus</i>	0.0	--	0.2	--	0.2
<i>S. pinniger</i>	0.4	--	1.9	--	2.3
<i>S. proriger</i>	0.1	--	0.0	--	0.1
<i>S. reedi</i>	0.0	--	0.0	--	0.0
<i>S. rubberimus</i>	0.1	--	0.1	--	0.2
<i>S. saxicola</i>	0.0	--	0.0	--	0.0
<i>S. zacentrus</i>	0.0	--	0.0	--	0.0
<i>S. alascanus</i>	0.0	--	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	--	0.0	--	0.0
<i>S. aleutianus</i>	0.0	--	0.0	--	0.0
<i>S. goodei</i>	0.0	--	0.0	--	0.0
Other	0.0	--	0.0	--	0.0
Total mt Landed	56.1	--	5.2	--	61.3

*Depth strata 51-80 & >120 not sampled.

Appendix Table C-306. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2C, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	1.0	--	--	--	1.0
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.1	--	--	--	0.1
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. crameri</i>	0.6	--	--	--	0.6
<i>S. diploproa</i>	0.0	--	--	--	0.0
<i>S. elongatus</i>	0.6	--	--	--	0.6
<i>S. entomelas</i>	2.0	--	--	--	2.0
<i>S. flavidus</i>	223.7	--	--	--	223.7
<i>S. helvomaculatus</i>	0.0	--	--	--	0.0
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	2.3	--	--	--	2.3
<i>S. proriger</i>	0.3	--	--	--	0.3
<i>S. reedi</i>	0.0	--	--	--	0.0
<i>S. rubberimus</i>	0.2	--	--	--	0.2
<i>S. saxicola</i>	0.0	--	--	--	0.0
<i>S. zacentrus</i>	0.1	--	--	--	0.1
<i>S. alascanus</i>	0.0	--	--	--	0.0
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	230.9	--	--	--	230.9

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-307. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2C, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.1	0.0	0.0	--	0.1
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	1.3	0.0	0.0	--	1.3
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.1	0.0	0.0	--	0.1
<i>S. diploproa</i>	0.1	0.0	0.0	--	0.1
<i>S. elongatus</i>	0.1	0.0	0.0	--	0.1
<i>S. entomelas</i>	0.5	1.9	0.2	--	2.6
<i>S. flavidus</i>	194.9	12.0	37.7	--	244.6
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. pinniger</i>	1.0	0.1	0.7	--	1.8
<i>S. proriger</i>	0.1	0.0	0.0	--	0.1
<i>S. reedi</i>	0.7	0.0	0.0	--	0.7
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.3	0.0	0.0	--	0.3
<i>S. alascanus</i>	0.1	0.0	0.0	--	0.1
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	199.3	14.0	38.6	--	251.9

*Depth strata >120 not sampled.

Appendix Table C-308. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2C, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120*	
<i>S. alutus</i>	0.5	0.0	--	--	0.5
<i>S. aurora</i>	0.0	0.0	--	--	0.0
<i>S. babcocki</i>	0.0	0.0	--	--	0.0
<i>S. brevispinus</i>	2.6	0.0	--	--	2.6
<i>S. borealis</i>	0.0	0.0	--	--	0.0
<i>S. crameri</i>	1.6	0.0	--	--	1.6
<i>S. diploproa</i>	0.5	0.0	--	--	0.5
<i>S. elongatus</i>	0.0	0.0	--	--	0.0
<i>S. entomelas</i>	2.8	2.3	--	--	5.1
<i>S. flavidus</i>	186.5	26.9	--	--	213.4
<i>S. helvomaculatus</i>	0.0	0.0	--	--	0.0
<i>S. melanops</i>	0.0	0.0	--	--	0.0
<i>S. paucispinus</i>	0.6	0.0	--	--	0.6
<i>S. pinniger</i>	5.2	1.8	--	--	7.0
<i>S. proriger</i>	0.0	0.1	--	--	0.1
<i>S. reedi</i>	0.2	0.0	--	--	0.2
<i>S. rubberimus</i>	0.0	0.0	--	--	0.0
<i>S. saxicola</i>	0.0	0.0	--	--	0.0
<i>S. zacentrus</i>	0.0	0.0	--	--	0.0
<i>S. alascanus</i>	0.0	0.0	--	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	--	--	0.0
<i>S. aleutianus</i>	0.0	0.0	--	--	0.0
<i>S. goodei</i>	0.0	0.0	--	--	0.0
Other	0.0	0.0	--	--	0.0
Total mt Landed	200.5	31.1	--	--	231.6

*Depth strata 81-120 & >120 not sampled.

Appendix Table C-309. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2C, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.0	--	--	--	0.0
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. crameri</i>	0.3	--	--	--	0.3
<i>S. diploproa</i>	0.0	--	--	--	0.0
<i>S. elongatus</i>	0.0	--	--	--	0.0
<i>S. entomelas</i>	0.1	--	--	--	0.1
<i>S. flavidus</i>	182.9	--	--	--	182.9
<i>S. helvomaculatus</i>	0.0	--	--	--	0.0
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	0.0	--	--	--	0.0
<i>S. proriger</i>	0.0	--	--	--	0.0
<i>S. reedi</i>	0.1	--	--	--	0.1
<i>S. rubberimus</i>	0.0	--	--	--	0.0
<i>S. saxicola</i>	0.0	--	--	--	0.0
<i>S. zacentrus</i>	0.0	--	--	--	0.0
<i>S. alascanus</i>	0.0	--	--	--	0.0
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	183.4	--	--	--	183.4

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-310. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2C, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. cramerii</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.0	0.0	--	0.0
<i>S. entomelas</i>	--	0.0	0.0	--	0.0
<i>S. flavidus</i>	--	5.1	34.8	--	39.9
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	0.0	0.0	--	0.0
<i>S. proriger</i>	--	0.0	0.0	--	0.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	5.1	34.8	--	39.9

*Depth strata <50 & >120 not sampled.

Appendix Table C-311. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2C, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.0	0.0	0.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	--	453.9	642.1	11.0	1,107.0
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	3.3	0.0	3.3
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	453.9	645.4	11.0	1,110.3

*Depth strata <50 not sampled.

Appendix Table C-312. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 2C, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.1	0.0	--	0.1
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.0	0.0	--	0.0
<i>S. entomelas</i>	--	0.6	2.8	--	3.4
<i>S. flavidus</i>	--	294.7	378.1	--	672.8
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	0.0	0.0	--	0.0
<i>S. proriger</i>	--	0.0	0.0	--	0.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	295.4	380.9	--	676.3

*Depth strata <50 & >120 not sampled.

Appendix Table C-313. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3A, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.1	0.0	--	0.1
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.1	0.0	--	0.1
<i>S. brevispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.0	0.1	--	0.1
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.9	0.1	--	1.0
<i>S. entomelas</i>	0.1	1.9	2.8	--	4.8
<i>S. flavidus</i>	1.8	371.8	457.5	--	831.1
<i>S. helvomaculatus</i>	0.0	0.0	0.1	--	0.1
<i>S. melanops</i>	0.1	0.0	0.0	--	0.1
<i>S. paucispinus</i>	0.0	0.1	0.4	--	0.5
<i>S. pinniger</i>	0.0	2.2	4.7	--	6.9
<i>S. proriger</i>	0.0	0.0	0.0	--	0.0
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.1	--	0.1
<i>S. zacentrus</i>	0.0	0.4	0.4	--	0.8
<i>S. alascanus</i>	0.0	0.0	0.1	--	0.1
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	2.0	377.5	466.3	--	845.8

*Depth strata >120 not sampled.

Appendix Table C-314. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3A, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	1.0	0.0	--	1.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.1	0.0	1.4	--	1.5
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.1	0.0	--	0.1
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	--	0.0
<i>S. entomelas</i>	0.2	1.1	7.7	--	9.0
<i>S. flavidus</i>	132.2	383.9	402.7	--	918.8
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.1	0.0	0.8	--	0.9
<i>S. pinniger</i>	0.4	2.8	0.8	--	4.0
<i>S. proriger</i>	0.1	0.3	0.1	--	0.5
<i>S. reedi</i>	0.0	0.0	0.3	--	0.3
<i>S. rubberimus</i>	0.0	0.5	0.0	--	0.5
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.4	0.0	--	0.4
<i>S. alascanus</i>	0.0	1.5	0.4	--	1.9
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	133.1	391.6	414.2	--	938.9

*Depth strata >120 not sampled.

Appendix Table C-315. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3A, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.1	--	0.1
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	17.4	1.0	--	18.4
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.2	0.6	--	0.8
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.0	0.8	--	0.8
<i>S. entomelas</i>	0.1	8.2	7.2	--	15.5
<i>S. flavidus</i>	34.4	534.9	448.6	--	1,017.9
<i>S. helvomaculatus</i>	0.0	0.1	0.0	--	0.1
<i>S. melanops</i>	0.0	0.4	0.1	--	0.5
<i>S. paucispinus</i>	0.0	0.1	0.0	--	0.1
<i>S. pinniger</i>	0.1	7.6	1.2	--	8.9
<i>S. proriger</i>	0.0	0.0	0.1	--	0.1
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.1	0.3	--	0.4
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	2.5	0.7	--	3.2
<i>S. alascanus</i>	0.0	0.0	0.1	--	0.1
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.1	--	0.1
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	34.6	571.5	460.9	--	1,067.0

*Depth strata >120 not sampled.

Appendix Table C-316. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3A, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.4	--	0.4
<i>S. aurora</i>	--	0.0	0.1	--	0.1
<i>S. babcocki</i>	--	0.0	0.2	--	0.2
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	1.9	--	1.9
<i>S. crameri</i>	--	0.0	0.6	--	0.6
<i>S. diploproa</i>	--	0.0	0.8	--	0.8
<i>S. elongatus</i>	--	0.1	0.0	--	0.1
<i>S. entomelas</i>	--	14.5	6.0	--	20.5
<i>S. flavidus</i>	--	868.8	594.0	--	1,462.8
<i>S. helvomaculatus</i>	--	0.0	0.1	--	0.1
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.9	0.2	--	1.1
<i>S. pinniger</i>	--	2.4	1.8	--	4.2
<i>S. proriger</i>	--	0.3	0.2	--	0.5
<i>S. reedi</i>	--	0.0	0.3	--	0.3
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.7	--	0.7
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.7	--	0.7
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	887.0	608.0	--	1,495.0

*Depth strata <50 & >120 not sampled.

Appendix Table C-317. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3A, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.0	--	0.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.0	0.0	--	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.2	0.0	--	0.2
<i>S. entomelas</i>	0.2	7.9	5.2	--	13.3
<i>S. flavidus</i>	27.3	517.1	391.7	--	936.1
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. pinniger</i>	0.0	5.7	2.4	--	8.1
<i>S. proriger</i>	0.0	0.3	0.0	--	0.3
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	1.8	0.0	--	1.8
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.2	0.0	--	0.2
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	27.5	533.2	399.3	--	960.0

*Depth strata >120 not sampled.

Appendix Table C-318. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3A, 1990.

fm = fathoms

Species	Depth Strata (F)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.0	--	0.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	2.1	0.0	--	2.1
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.2	0.0	--	0.2
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.1	0.2	--	0.3
<i>S. entomelas</i>	0.0	5.6	2.9	--	8.5
<i>S. flavidus</i>	12.0	556.4	313.0	--	881.4
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. pinniger</i>	0.0	4.2	0.0	--	4.2
<i>S. proriger</i>	0.0	0.1	0.5	--	0.6
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	0.2	--	0.2
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	12.0	568.7	316.8	--	897.5

*Depth strata >120 not sampled.

Appendix Table C-319. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3A, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.0	0.0	0.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.6	0.0	0.0	0.6
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.6	0.0	0.0	0.6
<i>S. entomelas</i>	--	0.6	0.0	0.0	0.6
<i>S. flavidus</i>	--	317.8	262.5	13.7	594.0
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	2.4	0.0	0.0	2.4
<i>S. pinniger</i>	--	4.8	0.0	0.0	4.8
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.6	0.0	0.6
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	326.8	263.1	13.7	603.6

*Depth strata <50 not sampled.

Appendix Table C-320. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3A, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	1.0	0.0	--	1.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.0	0.0	--	0.0
<i>S. entomelas</i>	--	0.8	0.2	--	1.0
<i>S. flavidus</i>	--	634.4	359.9	--	994.3
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	1.0	0.0	--	1.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	0.0	0.0	--	0.0
<i>S. proriger</i>	--	1.0	0.0	--	1.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	638.2	360.1	--	998.3

*Depth strata <50 & >120 not sampled.

Appendix Table C-321. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3A, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.8	0.0	0.8
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	1.7	1.7	0.0	3.4
<i>S. flavidus</i>	4.2	551.3	266.5	15.9	837.9
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.8	0.0	0.0	0.8
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	4.2	553.8	269.0	15.9	842.9

Appendix Table C-322. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3B, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	1.4	0.0	1.4
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.1	0.0	0.1
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	--	0.0	3.1	0.0	3.1
<i>S. flavidus</i>	--	44.9	13.6	3.4	61.9
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.1	0.0	0.1
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.6	0.0	0.6
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	44.9	18.9	3.4	67.2

*Depth strata <50 not sampled.

Appendix Table C-323. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3B, 1986.

fm = fathoms

Species	Depth Strata (F)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.0	--	0.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.1	0.0	2.6	--	2.7
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. crameri</i>	0.0	0.0	0.0	--	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	--	0.0
<i>S. entomelas</i>	0.1	0.0	26.4	--	26.5
<i>S. flavidus</i>	3.3	10.6	216.0	--	229.9
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.0	1.3	0.0	--	1.3
<i>S. pinniger</i>	0.0	1.3	1.9	--	3.2
<i>S. proriger</i>	0.1	0.0	0.0	--	0.1
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	--	0.0
<i>S. alascanus</i>	0.1	0.0	0.0	--	0.1
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	3.7	13.2	246.9	--	263.8

*Depth strata >120 not sampled.

Appendix Table C-324. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3B, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120*	
<i>S. alutus</i>	0.0	0.0	--	--	0.0
<i>S. aurora</i>	0.0	0.0	--	--	0.0
<i>S. babcocki</i>	0.0	0.0	--	--	0.0
<i>S. brevispinus</i>	0.0	0.0	--	--	0.0
<i>S. borealis</i>	0.0	0.0	--	--	0.0
<i>S. crameri</i>	0.0	0.0	--	--	0.0
<i>S. diploproa</i>	0.0	0.0	--	--	0.0
<i>S. elongatus</i>	0.0	0.0	--	--	0.0
<i>S. entomelas</i>	0.2	0.0	--	--	0.2
<i>S. flavidus</i>	27.6	52.6	--	--	80.2
<i>S. helvomaculatus</i>	0.0	0.0	--	--	0.0
<i>S. melanops</i>	0.0	0.0	--	--	0.0
<i>S. paucispinus</i>	0.0	0.0	--	--	0.0
<i>S. pinniger</i>	0.2	0.0	--	--	0.2
<i>S. proriger</i>	0.0	0.0	--	--	0.0
<i>S. reedi</i>	0.0	0.0	--	--	0.0
<i>S. rubberimus</i>	0.0	0.0	--	--	0.0
<i>S. saxicola</i>	0.0	0.0	--	--	0.0
<i>S. zacentrus</i>	0.0	0.0	--	--	0.0
<i>S. alascanus</i>	0.0	0.0	--	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	--	--	0.0
<i>S. aleutianus</i>	0.0	0.0	--	--	0.0
<i>S. goodei</i>	0.0	0.0	--	--	0.0
Other	0.0	0.0	--	--	0.0
Total mt Landed	28.0	52.6	--	--	80.6

*Depth strata 81-120 & >120 not sampled.

Appendix Table C-325. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3B, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.0	0.0	--	0.0
<i>S. entomelas</i>	--	0.0	0.0	--	0.0
<i>S. flavidus</i>	--	148.9	5.4	--	154.3
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	0.0	0.0	--	0.0
<i>S. proriger</i>	--	0.0	0.0	--	0.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	148.9	5.4	--	154.3

*Depth strata <50 & >120 not sampled.

Appendix Table C-326. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3B, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.0	0.0	--	0.0
<i>S. entomelas</i>	--	0.3	0.0	--	0.3
<i>S. flavidus</i>	--	196.6	66.9	--	263.5
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	0.0	0.0	--	0.0
<i>S. proriger</i>	--	0.0	0.0	--	0.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	196.9	66.9	--	263.8

*Depth strata <50 & >120 not sampled.

Appendix Table C-327. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3B, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.0	0.0	--	0.0
<i>S. entomelas</i>	--	0.0	0.0	--	0.0
<i>S. flavidus</i>	--	158.2	48.1	--	206.3
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	0.0	0.0	--	0.0
<i>S. proriger</i>	--	0.0	0.0	--	0.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	158.2	48.1	--	206.3

*Depth strata <50 & >120 not sampled.

Appendix Table C-328. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3B, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120*	
<i>S. alutus</i>	--	0.0	0.0	--	0.0
<i>S. aurora</i>	--	0.0	0.0	--	0.0
<i>S. babcocki</i>	--	0.0	0.0	--	0.0
<i>S. brevispinus</i>	--	0.0	0.0	--	0.0
<i>S. borealis</i>	--	0.0	0.0	--	0.0
<i>S. crameri</i>	--	0.0	0.0	--	0.0
<i>S. diploproa</i>	--	0.0	0.0	--	0.0
<i>S. elongatus</i>	--	0.0	0.0	--	0.0
<i>S. entomelas</i>	--	0.4	0.4	--	0.8
<i>S. flavidus</i>	--	151.6	247.3	--	398.9
<i>S. helvomaculatus</i>	--	0.0	0.0	--	0.0
<i>S. melanops</i>	--	0.0	0.0	--	0.0
<i>S. paucispinus</i>	--	0.0	0.0	--	0.0
<i>S. pinniger</i>	--	0.0	0.0	--	0.0
<i>S. proriger</i>	--	0.0	0.0	--	0.0
<i>S. reedi</i>	--	0.0	0.0	--	0.0
<i>S. rubberimus</i>	--	0.0	0.0	--	0.0
<i>S. saxicola</i>	--	0.0	0.0	--	0.0
<i>S. zacentrus</i>	--	0.0	0.0	--	0.0
<i>S. alascanus</i>	--	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	--	0.0
<i>S. aleutianus</i>	--	0.0	0.0	--	0.0
<i>S. goodei</i>	--	0.0	0.0	--	0.0
Other	--	0.0	0.0	--	0.0
Total mt Landed	--	152.0	247.7	--	399.7

*Depth strata <50 & >120 not sampled.

Appendix Table C-329. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3B, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120*	
<i>S. alutus</i>	0.0	0.0	0.0	--	0.0
<i>S. aurora</i>	0.0	0.0	0.0	--	0.0
<i>S. babcocki</i>	0.0	0.0	0.0	--	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. borealis</i>	0.0	0.0	0.0	--	0.0
<i>S. cramerii</i>	0.0	0.0	0.0	--	0.0
<i>S. diploproa</i>	0.0	0.0	0.0	--	0.0
<i>S. elongatus</i>	0.0	0.0	0.0	--	0.0
<i>S. entomelas</i>	0.0	1.7	2.7	--	4.4
<i>S. flavidus</i>	47.6	134.8	358.9	--	541.3
<i>S. helvomaculatus</i>	0.0	0.0	0.0	--	0.0
<i>S. melanops</i>	0.0	0.0	0.0	--	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	--	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	--	0.0
<i>S. proriger</i>	0.0	0.0	0.0	--	0.0
<i>S. reedi</i>	0.0	0.0	0.0	--	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	--	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	--	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	--	0.0
<i>S. alascanus</i>	0.0	0.0	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	--	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	--	0.0
<i>S. goodei</i>	0.0	0.0	0.0	--	0.0
Other	0.0	0.0	0.0	--	0.0
Total mt Landed	47.6	136.5	361.6	--	545.7

*Depth strata >120 not sampled.

Appendix Table C-330. Species composition of category 433 (yellowtail rockfish) landings (mt) by depth strata, PMFC area 3B, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.0	0.0	0.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.0	0.0	0.0
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.5	0.0	0.0	0.5
<i>S. entomelas</i>	--	0.4	27.6	0.0	28.0
<i>S. flavidus</i>	--	240.4	197.1	43.3	480.8
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.5	0.0	0.0	0.5
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.5	0.0	0.0	0.5
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	242.3	224.7	43.3	510.3

*Depth strata <50 not sampled.

Appendix Table C-331. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 1C, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.1	--	--	--	0.1
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. crameri</i>	0.7	--	--	--	0.7
<i>S. diploproa</i>	0.4	--	--	--	0.4
<i>S. elongatus</i>	0.1	--	--	--	0.1
<i>S. entomelas</i>	0.0	--	--	--	0.0
<i>S. flavidus</i>	0.0	--	--	--	0.0
<i>S. helvomaculatus</i>	0.0	--	--	--	0.0
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	0.0	--	--	--	0.0
<i>S. proriger</i>	0.0	--	--	--	0.0
<i>S. reedi</i>	0.0	--	--	--	0.0
<i>S. rubberimus</i>	0.0	--	--	--	0.0
<i>S. saxicola</i>	0.1	--	--	--	0.1
<i>S. zacentrus</i>	0.0	--	--	--	0.0
<i>S. alascanus</i>	0.0	--	--	--	0.0
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	1.4	--	--	--	1.4

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-332. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 1C, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.1	--	--	--	0.1
<i>S. aurora</i>	0.2	--	--	--	0.2
<i>S. babcocki</i>	0.1	--	--	--	0.1
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. crameri</i>	1.1	--	--	--	1.1
<i>S. diploproa</i>	0.8	--	--	--	0.8
<i>S. elongatus</i>	0.2	--	--	--	0.2
<i>S. entomelas</i>	0.0	--	--	--	0.0
<i>S. flavidus</i>	0.0	--	--	--	0.0
<i>S. helvomaculatus</i>	0.0	--	--	--	0.0
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	0.0	--	--	--	0.0
<i>S. proriger</i>	0.0	--	--	--	0.0
<i>S. reedi</i>	0.0	--	--	--	0.0
<i>S. rubberimus</i>	0.1	--	--	--	0.1
<i>S. saxicola</i>	0.1	--	--	--	0.1
<i>S. zacentrus</i>	0.0	--	--	--	0.0
<i>S. alascanus</i>	0.1	--	--	--	0.1
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	2.8	--	--	--	2.8

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-333. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 1C, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.1	--	--	--	0.1
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. cramerii</i>	2.8	--	--	--	2.8
<i>S. diploproa</i>	0.6	--	--	--	0.6
<i>S. elongatus</i>	0.3	--	--	--	0.3
<i>S. entomelas</i>	0.0	--	--	--	0.0
<i>S. flavidus</i>	0.1	--	--	--	0.1
<i>S. helvomaculatus</i>	0.1	--	--	--	0.1
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.1	--	--	--	0.1
<i>S. pinniger</i>	0.1	--	--	--	0.1
<i>S. proriger</i>	0.4	--	--	--	0.4
<i>S. reedi</i>	0.0	--	--	--	0.0
<i>S. rubberimus</i>	0.0	--	--	--	0.0
<i>S. saxicola</i>	0.1	--	--	--	0.1
<i>S. zacentrus</i>	0.7	--	--	--	0.7
<i>S. alascanus</i>	0.4	--	--	--	0.4
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.1	--	--	--	0.1
<i>S. goodei</i>	0.1	--	--	--	0.1
Other	0.0	--	--	--	0.0
Total mt Landed	6.0	--	--	--	6.0

**Depth strata 51-80, 81-120 & >120 not sampled.*

Appendix Table C-334. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 1C, 1987.
 fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
S. alutus	0.0	--	--	--	0.0
S. aurora	0.0	--	--	--	0.0
S. babcocki	0.0	--	--	--	0.0
S. brevispinus	0.0	--	--	--	0.0
S. borealis	0.0	--	--	--	0.0
S. crameri	0.0	--	--	--	0.0
S. diploproa	0.3	--	--	--	0.3
S. elongatus	0.0	--	--	--	0.0
S. entomelas	0.0	--	--	--	0.0
S. flavidus	0.0	--	--	--	0.0
S. helvomaculatus	0.0	--	--	--	0.0
S. melanops	0.0	--	--	--	0.0
S. paucispinus	0.0	--	--	--	0.0
S. pinniger	0.0	--	--	--	0.0
S. proriger	0.0	--	--	--	0.0
S. reedi	0.0	--	--	--	0.0
S. rubberimus	0.0	--	--	--	0.0
S. saxicola	0.0	--	--	--	0.0
S. zacentrus	0.0	--	--	--	0.0
S. alascanus	0.0	--	--	--	0.0
S. chlorostictus	0.0	--	--	--	0.0
S. aleutianus	0.0	--	--	--	0.0
S. goodei	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	0.3	--	--	--	0.3

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-335. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 1C, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120*	
<i>S. alutus</i>	--	0.0	--	--	0.0
<i>S. aurora</i>	--	0.0	--	--	0.0
<i>S. babcocki</i>	--	0.0	--	--	0.0
<i>S. brevispinus</i>	--	0.0	--	--	0.0
<i>S. borealis</i>	--	0.0	--	--	0.0
<i>S. crameri</i>	--	0.0	--	--	0.0
<i>S. diploproa</i>	--	0.0	--	--	0.0
<i>S. elongatus</i>	--	0.0	--	--	0.0
<i>S. entomelas</i>	--	0.0	--	--	0.0
<i>S. flavidus</i>	--	0.0	--	--	0.0
<i>S. helvomaculatus</i>	--	0.0	--	--	0.0
<i>S. melanops</i>	--	0.0	--	--	0.0
<i>S. paucispinus</i>	--	0.0	--	--	0.0
<i>S. pinniger</i>	--	0.0	--	--	0.0
<i>S. proriger</i>	--	0.0	--	--	0.0
<i>S. reedi</i>	--	0.0	--	--	0.0
<i>S. rubberimus</i>	--	0.0	--	--	0.0
<i>S. saxicola</i>	--	0.0	--	--	0.0
<i>S. zacentrus</i>	--	0.0	--	--	0.0
<i>S. alascanus</i>	--	0.0	--	--	0.0
<i>S. chlorostictus</i>	--	0.0	--	--	0.0
<i>S. aleutianus</i>	--	0.0	--	--	0.0
<i>S. goodei</i>	--	10.4	--	--	10.4
Other	--	0.0	--	--	0.0
Total mt Landed	--	10.4	--	--	10.4

*Depth strata <50, 81-120 & >120 not sampled.

Appendix Table C-336. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 1C, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.1	0.1	0.0	0.2
<i>S. aurora</i>	--	0.0	0.1	0.0	0.1
<i>S. babcocki</i>	--	0.1	0.0	0.0	0.1
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.1	0.1	0.2
<i>S. diploproa</i>	--	0.0	0.0	0.0	0.0
<i>S. elongatus</i>	--	0.1	0.1	0.1	0.3
<i>S. entomelas</i>	--	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	0.0	0.0	0.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	0.0	0.0	0.0
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.1	0.0	0.1
<i>S. zacentrus</i>	--	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	0.3	0.5	0.2	1.0

*Depth strata <50 not sampled.

Appendix Table C-337. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2A, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.1	0.0	0.0	1.8	1.9
<i>S. aurora</i>	0.0	0.0	0.0	0.2	0.2
<i>S. babcocki</i>	0.1	0.0	0.0	1.2	1.3
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. cramerii</i>	3.9	0.0	0.0	62.6	66.5
<i>S. diploproa</i>	1.4	3.7	3.7	8.1	16.9
<i>S. elongatus</i>	0.8	0.0	0.0	1.1	1.9
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.9	0.0	0.0	0.5	1.4
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.2	0.0	0.0	0.0	0.2
<i>S. zacentrus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. wilsoni</i>	0.1	0.0	0.0	0.0	0.1
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	7.6	3.7	3.7	75.5	90.5

Appendix Table C-338. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2A, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	0.4	--	0.2	2.0	2.6
<i>S. aurora</i>	0.3	--	0.0	0.7	1.0
<i>S. babcocki</i>	0.1	--	0.4	0.5	1.0
<i>S. brevispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. borealis</i>	0.0	--	0.0	0.0	0.0
<i>S. crameri</i>	2.8	--	3.6	11.8	18.2
<i>S. diploproa</i>	0.7	--	2.4	10.5	13.6
<i>S. elongatus</i>	0.5	--	1.0	0.7	2.2
<i>S. entomelas</i>	0.0	--	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	0.3	0.2	0.5
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	--	0.1	0.0	0.1
<i>S. proriger</i>	0.0	--	0.0	0.1	0.1
<i>S. reedi</i>	0.0	--	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	--	0.3	0.0	0.3
<i>S. saxicola</i>	0.1	--	0.6	0.3	1.0
<i>S. zacentrus</i>	0.0	--	0.6	0.1	0.7
<i>S. alascanus</i>	0.0	--	0.3	0.3	0.6
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	--	0.1	0.0	0.1
<i>S. goodei</i>	0.0	--	0.4	0.0	0.4
<i>S. melanostomus</i>	0.0	--	0.0	0.2	0.2
<i>S. rufus</i>	0.0	--	0.0	0.4	0.4
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	4.9	--	10.3	27.8	43.0

*Depth strata 51-80 not sampled.

Appendix Table C-339. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2A, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	0.0	--	0.0	0.4	0.4
<i>S. aurora</i>	0.0	--	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	--	0.0	0.4	0.4
<i>S. brevispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. borealis</i>	0.0	--	0.0	0.0	0.0
<i>S. crameri</i>	0.8	--	0.3	16.0	17.1
<i>S. diploproa</i>	0.0	--	0.0	1.5	1.5
<i>S. elongatus</i>	0.3	--	0.0	0.0	0.3
<i>S. entomelas</i>	0.0	--	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	0.0	0.0	0.0
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	0.1	--	0.0	0.0	0.1
<i>S. pinniger</i>	0.1	--	0.0	0.0	0.1
<i>S. proriger</i>	0.1	--	0.0	0.0	0.1
<i>S. reedi</i>	0.0	--	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	--	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	--	0.0	0.0	0.0
<i>S. zacentrus</i>	0.1	--	0.1	0.0	0.2
<i>S. alascanus</i>	0.1	--	0.0	0.0	0.1
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	--	0.0	0.0	0.0
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	1.6	--	0.4	18.3	20.3

*Depth strata 51-80 not sampled.

Appendix Table C-340. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2A, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	0.3	--	1.0	0.1	1.4
<i>S. aurora</i>	0.0	--	0.5	0.0	0.5
<i>S. babcocki</i>	0.1	--	0.0	0.0	0.1
<i>S. brevispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. borealis</i>	0.0	--	0.0	0.0	0.0
<i>S. crameri</i>	4.0	--	2.6	0.0	6.6
<i>S. diploproa</i>	2.6	--	3.7	0.0	6.3
<i>S. elongatus</i>	0.7	--	0.3	0.0	1.0
<i>S. entomelas</i>	0.0	--	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	0.2	0.0	0.2
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	--	0.6	0.0	0.6
<i>S. pinniger</i>	0.0	--	0.0	0.0	0.0
<i>S. proriger</i>	4.7	--	0.0	0.0	4.7
<i>S. reedi</i>	0.0	--	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	--	0.0	0.0	0.0
<i>S. saxicola</i>	0.2	--	0.0	0.0	0.2
<i>S. zacentrus</i>	0.4	--	1.4	0.0	1.8
<i>S. alascanus</i>	0.7	--	0.0	0.1	0.8
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	0.4	--	0.0	0.0	0.4
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	14.1	--	10.3	0.2	24.6

*Depth strata 51-80 not sampled.

Appendix Table C-341. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2A, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	2.9	0.6	3.5
<i>S. aurora</i>	--	0.0	0.0	0.5	0.5
<i>S. babcocki</i>	--	0.0	0.0	0.1	0.1
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	1.0	2.7	3.7
<i>S. diploproa</i>	--	0.0	1.2	9.3	10.5
<i>S. elongatus</i>	--	2.3	34.0	0.9	37.2
<i>S. entomelas</i>	--	0.0	0.0	0.2	0.2
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.3	3.0	0.8	4.1
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.1	0.3	0.0	0.4
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.1	0.0	0.1	0.2
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.9	1.4	0.4	2.7
<i>S. alascanus</i>	--	0.0	0.0	0.1	0.1
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.6	0.0	0.6
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	3.7	44.4	15.7	63.8

*Depth strata <50 not sampled.

Appendix Table C-342. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2A, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.5	0.5	1.0
<i>S. aurora</i>	--	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	--	0.0	0.0	2.9	2.9
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	5.9	6.8	12.7
<i>S. diploproa</i>	--	1.6	0.4	2.5	4.5
<i>S. elongatus</i>	--	23.5	3.5	6.0	33.0
<i>S. entomelas</i>	--	0.0	0.3	0.2	0.5
<i>S. flavidus</i>	--	0.0	0.4	0.0	0.4
<i>S. helvomaculatus</i>	--	0.0	0.1	0.7	0.8
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	1.8	1.8
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	0.0	0.1	0.0	0.1
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.9	1.3	0.0	2.2
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	26.0	12.5	21.4	59.9

*Depth strata <50 not sampled.

Appendix Table C-343. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2A, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120*	>120	
<i>S. alutus</i>	--	0.8	--	0.0	0.8
<i>S. aurora</i>	--	0.0	--	0.0	0.0
<i>S. babcocki</i>	--	0.4	--	0.0	0.4
<i>S. brevispinus</i>	--	0.0	--	0.0	0.0
<i>S. borealis</i>	--	0.0	--	0.0	0.0
<i>S. crameri</i>	--	0.0	--	0.8	0.8
<i>S. diploproa</i>	--	11.3	--	3.2	14.5
<i>S. elongatus</i>	--	4.1	--	1.4	5.5
<i>S. entomelas</i>	--	3.0	--	0.0	3.0
<i>S. flavidus</i>	--	0.0	--	0.0	0.0
<i>S. helvomaculatus</i>	--	0.4	--	0.5	0.9
<i>S. melanops</i>	--	0.0	--	0.0	0.0
<i>S. paucispinus</i>	--	0.0	--	0.0	0.0
<i>S. pinniger</i>	--	0.0	--	0.0	0.0
<i>S. proriger</i>	--	0.0	--	1.5	1.5
<i>S. reedi</i>	--	0.0	--	0.0	0.0
<i>S. rubberimus</i>	--	0.0	--	0.0	0.0
<i>S. saxicola</i>	--	0.0	--	0.0	0.0
<i>S. zacentrus</i>	--	0.7	--	13.5	14.2
<i>S. alascanus</i>	--	0.0	--	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	--	0.0	0.0
<i>S. aleutianus</i>	--	0.0	--	0.0	0.0
<i>S. goodei</i>	--	0.0	--	0.0	0.0
Other	--	0.0	--	0.0	0.0
Total mt Landed	--	20.7	--	20.9	41.6

*Depth strata <50 & 81-120 not sampled.

Appendix Table C-344. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2A, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.0	0.3	0.3
<i>S. aurora</i>	--	0.0	0.0	0.6	0.6
<i>S. babcocki</i>	--	0.0	0.1	0.3	0.4
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	0.4	3.8	4.2
<i>S. diploproa</i>	--	0.1	0.4	1.5	2.0
<i>S. elongatus</i>	--	0.8	3.5	0.4	4.7
<i>S. entomelas</i>	--	0.0	0.0	0.1	0.1
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.1	0.2	0.4	0.7
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.2	0.0	0.2
<i>S. proriger</i>	--	0.1	0.2	0.1	0.4
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.1	0.3	0.1	0.5
<i>S. zacentrus</i>	--	0.2	1.1	0.2	1.5
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.1	0.4	0.1	0.6
<i>S. aleutianus</i>	--	0.1	0.0	0.5	0.6
<i>S. goodei</i>	--	0.0	0.0	0.1	0.1
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	1.6	6.8	8.5	16.9

*Depth strata <50 not sampled.

Appendix Table C-345. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2A, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	1.6	0.8	2.4
<i>S. aurora</i>	--	1.2	0.0	0.9	2.1
<i>S. babcocki</i>	--	0.0	0.2	0.5	0.7
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.1	0.6	1.2	1.9
<i>S. diploproa</i>	--	0.0	1.1	0.7	1.8
<i>S. elongatus</i>	--	0.3	0.6	1.5	2.4
<i>S. entomelas</i>	--	0.0	0.0	0.2	0.2
<i>S. flavidus</i>	--	0.0	0.0	0.1	0.1
<i>S. helvomaculatus</i>	--	0.1	0.0	0.1	0.2
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.2	0.2
<i>S. proriger</i>	--	0.0	0.0	0.2	0.2
<i>S. reedi</i>	--	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	--	0.0	0.1	0.0	0.1
<i>S. saxicola</i>	--	0.0	0.4	0.1	0.5
<i>S. zacentrus</i>	--	0.0	0.0	0.8	0.8
<i>S. alascanus</i>	--	0.0	0.0	0.1	0.1
<i>S. chlorostictus</i>	--	0.2	0.0	0.4	0.6
<i>S. aleutianus</i>	--	0.0	0.0	0.1	0.1
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
<i>S. rufus</i>	--	0.0	0.0	0.1	0.1
<i>S. rosaceus</i>	--	0.3	0.0	0.2	0.5
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	2.2	4.6	8.2	15.0

*Depth strata <50 not sampled.

Appendix Table C-346. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2A, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.1	1.2	0.9	1.0	3.2
<i>S. aurora</i>	0.0	0.0	0.9	0.7	1.6
<i>S. babcocki</i>	0.0	0.0	0.1	0.1	0.2
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	2.6	1.5	0.7	4.8
<i>S. diploproa</i>	0.0	0.3	0.4	0.4	1.1
<i>S. elongatus</i>	0.0	5.2	8.8	4.9	18.9
<i>S. entomelas</i>	0.0	0.1	0.1	0.1	0.3
<i>S. flavidus</i>	0.1	0.1	0.0	0.1	0.3
<i>S. helvomaculatus</i>	0.0	0.5	0.1	0.3	0.9
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.1	0.0	0.1	0.2
<i>S. proriger</i>	0.0	0.2	0.1	1.0	1.3
<i>S. reedi</i>	0.0	0.4	0.0	0.0	0.4
<i>S. rubberimus</i>	0.1	0.6	0.0	0.0	0.7
<i>S. saxicola</i>	0.0	0.0	0.0	0.1	0.1
<i>S. zacentrus</i>	0.0	2.8	2.4	1.4	6.6
<i>S. alascanus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. chlorostictus</i>	0.0	0.3	2.2	0.1	2.6
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.2	0.4	0.5	1.1
<i>S. melanostomus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. wilsoni</i>	0.0	0.1	0.0	0.0	0.1
<i>S. mystinus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. rosaceus</i>	0.0	0.6	0.2	0.3	1.1
<i>S. caurinus</i>	0.0	0.1	0.0	0.0	0.1
<i>S. jordani</i>	0.0	0.0	0.1	0.0	0.1
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	0.3	15.5	18.2	12.0	46.0

Appendix Table C-347. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2B, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.6	0.1	0.8	9.5	11.0
<i>S. aurora</i>	0.0	0.0	0.0	1.0	1.0
<i>S. babcocki</i>	0.2	0.0	0.2	2.6	3.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	13.2	0.2	4.4	64.1	81.9
<i>S. diploproa</i>	1.3	0.0	3.6	8.6	13.5
<i>S. elongatus</i>	1.5	5.0	2.5	1.4	10.4
<i>S. entomelas</i>	0.0	0.2	0.1	0.3	0.6
<i>S. flavidus</i>	0.0	0.1	0.0	0.3	0.4
<i>S. helvomaculatus</i>	0.2	0.5	0.3	0.2	1.2
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.6	0.6
<i>S. pinniger</i>	0.3	0.0	0.0	0.0	0.3
<i>S. proriger</i>	13.9	55.7	3.5	0.3	73.4
<i>S. reedi</i>	0.0	0.0	3.5	0.5	4.0
<i>S. rubberimus</i>	0.9	0.2	0.0	0.0	1.1
<i>S. saxicola</i>	0.0	0.0	0.4	0.8	1.2
<i>S. zacentrus</i>	0.4	5.8	4.9	1.7	12.8
<i>S. alascanus</i>	0.1	0.1	0.1	0.4	0.7
<i>S. chlorostictus</i>	0.0	0.0	0.1	0.1	0.2
<i>S. aleutianus</i>	0.1	0.0	0.1	0.9	1.1
<i>S. goodei</i>	0.0	0.0	0.1	0.6	0.7
<i>S. melanostomus</i>	0.0	0.0	0.1	0.9	1.0
<i>S. wilsoni</i>	0.0	1.3	0.0	0.0	1.3
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	32.7	69.2	24.7	94.8	221.4

Appendix Table C-348. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2B, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.1	0.0	0.4	16.0	16.5
<i>S. aurora</i>	0.0	0.0	0.0	0.5	0.5
<i>S. babcocki</i>	0.0	0.1	0.4	1.2	1.7
<i>S. brevispinus</i>	0.0	0.0	0.0	0.2	0.2
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	3.6	3.6	13.4	74.3	94.9
<i>S. diploproa</i>	0.6	0.6	30.1	18.7	50.0
<i>S. elongatus</i>	0.4	2.3	2.4	1.5	6.6
<i>S. entomelas</i>	0.0	2.0	1.1	0.3	3.4
<i>S. flavidus</i>	0.0	0.2	1.2	0.4	1.8
<i>S. helvomaculatus</i>	0.0	12.5	2.8	0.6	15.9
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.1	0.0	7.6	0.4	8.1
<i>S. pinniger</i>	0.0	0.8	0.0	0.4	1.2
<i>S. proriger</i>	0.5	103.2	11.8	0.8	116.3
<i>S. reedi</i>	0.1	0.7	1.1	0.7	2.6
<i>S. rubberimus</i>	0.0	1.8	0.1	0.0	1.9
<i>S. saxicola</i>	0.0	0.0	0.2	0.7	0.9
<i>S. zacentrus</i>	0.3	14.3	15.9	2.3	32.8
<i>S. alascanus</i>	0.2	0.0	6.0	1.3	7.5
<i>S. chlorostictus</i>	0.0	0.8	0.1	0.0	0.9
<i>S. aleutianus</i>	0.1	0.1	0.1	0.7	1.0
<i>S. goodei</i>	0.0	0.1	0.2	0.3	0.6
<i>S. melanostomus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. wilsoni</i>	0.1	40.3	1.2	0.3	41.9
<i>S. rufus</i>	0.0	0.0	0.1	0.1	0.2
<i>S. jordani</i>	0.0	10.7	0.1	0.0	10.8
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	6.1	194.1	96.3	121.8	418.3

Appendix Table C-349. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2B, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	2.4	0.6	0.7	2.2	5.9
<i>S. aurora</i>	0.4	0.1	0.2	0.2	0.9
<i>S. babcocki</i>	0.3	0.2	1.1	0.9	2.5
<i>S. brevispinus</i>	0.2	0.0	0.0	0.0	0.2
<i>S. borealis</i>	0.0	0.0	0.0	0.4	0.4
<i>S. cramerii</i>	11.5	0.5	83.9	36.8	132.7
<i>S. diploproa</i>	3.6	1.2	8.2	2.5	15.5
<i>S. elongatus</i>	5.0	2.8	17.0	1.5	26.3
<i>S. entomelas</i>	0.3	12.4	0.3	0.0	13.0
<i>S. flavidus</i>	0.0	1.9	0.3	0.0	2.2
<i>S. helvomaculatus</i>	3.6	1.5	0.7	0.0	5.8
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.9	0.0	2.6	0.0	3.5
<i>S. pinniger</i>	0.4	0.1	0.0	0.0	0.5
<i>S. proriger</i>	19.4	44.0	10.0	0.1	73.5
<i>S. reedi</i>	0.9	0.0	0.8	0.2	1.9
<i>S. rubberimus</i>	0.3	0.0	0.0	0.0	0.3
<i>S. saxicola</i>	0.1	0.0	0.2	0.0	0.3
<i>S. zacentrus</i>	13.3	15.5	6.5	3.5	38.8
<i>S. alascanus</i>	1.0	0.2	2.7	0.3	4.2
<i>S. chlorostictus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. aleutianus</i>	0.6	0.0	1.1	0.2	1.9
<i>S. goodei</i>	0.0	0.0	0.0	0.3	0.3
<i>S. wilsoni</i>	0.0	0.3	0.0	0.0	0.3
<i>S. jordani</i>	0.2	25.0	0.0	0.0	25.2
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	64.5	106.3	136.3	49.1	356.2

Appendix Table C-350. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2B, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.1	0.0	0.2	1.1	1.4
<i>S. aurora</i>	0.0	0.0	0.1	0.0	0.1
<i>S. babcocki</i>	0.0	0.0	0.1	0.5	0.6
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	1.9	0.3	1.8	13.5	17.5
<i>S. diploproa</i>	1.1	0.0	0.4	9.8	11.3
<i>S. elongatus</i>	0.8	3.3	28.0	1.5	33.6
<i>S. entomelas</i>	0.0	0.1	0.9	0.0	1.0
<i>S. flavidus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. helvomaculatus</i>	0.0	0.3	2.2	0.2	2.7
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.3	0.2	0.0	0.5
<i>S. pinniger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	1.5	5.6	91.9	1.6	100.6
<i>S. reedi</i>	0.3	0.0	0.1	0.0	0.4
<i>S. rubberimus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.3	4.5	20.9	0.3	26.0
<i>S. alascanus</i>	0.0	0.0	0.6	0.1	0.7
<i>S. chlorostictus</i>	0.0	0.0	0.2	0.0	0.2
<i>S. aleutianus</i>	0.0	0.0	0.1	0.2	0.3
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. wilsoni</i>	0.0	0.0	0.4	0.0	0.4
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	6.0	14.4	148.3	28.8	197.5

Appendix Table C-351. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2B, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.8	5.2	4.6	10.6
<i>S. aurora</i>	--	0.0	0.2	0.0	0.2
<i>S. babcocki</i>	--	0.5	0.5	2.2	3.2
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	1.5	7.1	17.3	25.9
<i>S. diploproa</i>	--	0.8	7.2	11.1	19.1
<i>S. elongatus</i>	--	2.4	17.7	6.1	26.2
<i>S. entomelas</i>	--	2.5	0.5	0.2	3.2
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	2.7	0.2	2.9
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.5	2.1	0.0	2.6
<i>S. pinniger</i>	--	3.0	0.0	0.0	3.0
<i>S. proriger</i>	--	97.4	43.1	0.4	140.9
<i>S. reedi</i>	--	0.0	1.6	0.2	1.8
<i>S. rubberimus</i>	--	0.0	0.9	0.0	0.9
<i>S. saxicola</i>	--	0.0	0.0	0.4	0.4
<i>S. zacentrus</i>	--	5.3	22.4	1.4	29.1
<i>S. alascanus</i>	--	1.1	0.1	0.4	1.6
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.4	0.0	0.8	1.2
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	116.2	111.3	45.3	272.8

*Depth strata <50 not sampled.

Appendix Table C-352. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2B, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.2	0.2	4.5	38.1	43.0
<i>S. aurora</i>	0.0	0.0	0.0	4.5	4.5
<i>S. babcocki</i>	0.0	0.7	0.6	1.5	2.8
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	1.5	0.4	8.0	33.1	43.0
<i>S. diploproa</i>	0.1	2.9	2.2	17.0	22.2
<i>S. elongatus</i>	0.0	7.8	21.8	3.6	33.2
<i>S. entomelas</i>	0.0	0.3	1.4	0.6	2.3
<i>S. flavidus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	0.2	1.3	0.7	2.2
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	1.1	0.1	1.2
<i>S. pinniger</i>	0.0	0.0	0.0	0.3	0.3
<i>S. proriger</i>	0.0	4.2	24.8	8.2	37.2
<i>S. reedi</i>	0.0	0.0	0.6	17.5	18.1
<i>S. rubberimus</i>	0.0	0.3	1.6	0.0	1.9
<i>S. saxicola</i>	0.0	0.2	0.1	0.0	0.3
<i>S. zacentrus</i>	0.0	5.0	9.3	15.5	29.8
<i>S. alascanus</i>	0.0	0.0	0.3	0.1	0.4
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.1	0.1	0.7	0.5	1.4
<i>S. goodei</i>	0.0	0.4	0.0	0.6	1.0
<i>S. wilsoni</i>	0.0	0.0	0.0	0.1	0.1
<i>S. rufus</i>	0.0	0.0	0.0	0.4	0.4
<i>S. jordani</i>	0.0	0.0	0.7	1.1	1.8
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	1.9	22.7	79.0	143.5	247.1

Appendix Table C-353. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2B, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	2.7	0.3	2.5	1.8	7.3
<i>S. aurora</i>	0.0	0.0	0.0	0.4	0.4
<i>S. babcocki</i>	0.0	0.0	0.3	2.8	3.1
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	9.4	1.2	5.6	10.1	26.3
<i>S. diploproa</i>	0.4	0.1	2.0	9.5	12.0
<i>S. elongatus</i>	0.0	3.8	8.5	1.5	13.8
<i>S. entomelas</i>	0.0	1.0	0.3	0.1	1.4
<i>S. flavidus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. helvomaculatus</i>	0.0	0.0	0.7	0.0	0.7
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. pinniger</i>	0.0	0.0	0.2	0.1	0.3
<i>S. proriger</i>	0.0	32.4	34.9	4.7	72.0
<i>S. reedi</i>	31.6	0.0	0.0	0.1	31.7
<i>S. rubberimus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. saxicola</i>	0.0	0.0	0.1	0.0	0.1
<i>S. zacentrus</i>	0.0	0.8	4.0	0.1	4.9
<i>S. alascanus</i>	0.0	0.1	0.0	0.1	0.2
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.3	0.2	0.5
<i>S. goodei</i>	0.0	0.1	0.8	0.0	0.9
<i>S. melanostomus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. rufus</i>	0.0	0.1	0.1	0.1	0.3
Other	0.0	0.0	0.1	0.0	0.1
Total mt Landed	44.1	39.9	60.6	31.8	176.4

Appendix Table C-354. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2B, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.2	4.9	10.2	15.3
<i>S. aurora</i>	--	0.1	0.2	0.5	0.8
<i>S. babcocki</i>	--	0.9	0.5	1.4	2.8
<i>S. brevispinus</i>	--	0.4	0.0	0.0	0.4
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.8	1.3	58.0	60.1
<i>S. diploproa</i>	--	0.1	1.2	22.5	23.8
<i>S. elongatus</i>	--	1.7	2.7	16.6	21.0
<i>S. entomelas</i>	--	0.2	0.1	0.1	0.4
<i>S. flavidus</i>	--	0.8	0.0	0.0	0.8
<i>S. helvomaculatus</i>	--	1.3	0.8	0.3	2.4
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.8	0.0	0.8
<i>S. pinniger</i>	--	0.3	1.9	0.2	2.4
<i>S. proriger</i>	--	56.5	23.3	9.4	89.2
<i>S. reedi</i>	--	5.9	43.1	40.4	89.4
<i>S. rubberimus</i>	--	0.1	0.4	0.3	0.8
<i>S. saxicola</i>	--	0.1	1.2	0.3	1.6
<i>S. zacentrus</i>	--	46.6	25.4	10.7	82.7
<i>S. alascanus</i>	--	0.0	0.2	0.2	0.4
<i>S. chlorostictus</i>	--	0.1	0.6	0.1	0.8
<i>S. aleutianus</i>	--	0.1	0.2	0.9	1.2
<i>S. goodei</i>	--	0.1	0.5	1.0	1.6
<i>S. melanostomus</i>	--	0.0	0.0	0.4	0.4
<i>S. wilsoni</i>	--	1.0	0.1	0.1	1.2
<i>S. rufus</i>	--	0.0	0.3	0.1	0.4
<i>S. altivelis</i>	--	0.0	0.0	0.4	0.4
<i>S. rosaceus</i>	--	0.4	0.0	0.0	0.4
<i>S. jordani</i>	--	1.2	0.4	0.4	2.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	118.9	110.1	174.5	403.5

*Depth strata <50 not sampled.

Appendix Table C-355. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2B, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	3.1	2.5	6.5	12.1
<i>S. aurora</i>	--	0.2	0.2	0.4	0.8
<i>S. babcocki</i>	--	0.2	0.9	0.9	2.0
<i>S. brevispinus</i>	--	0.0	0.3	0.0	0.3
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	23.9	22.1	49.5	95.5
<i>S. diploproa</i>	--	4.5	1.2	2.2	7.9
<i>S. elongatus</i>	--	8.1	17.3	3.0	28.4
<i>S. entomelas</i>	--	0.3	0.3	0.0	0.6
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.8	3.2	0.2	4.2
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.3	0.0	0.3
<i>S. pinniger</i>	--	0.3	0.3	0.0	0.6
<i>S. proriger</i>	--	35.2	19.1	2.7	57.0
<i>S. reedi</i>	--	1.5	0.7	0.0	2.2
<i>S. rubberimus</i>	--	0.0	0.8	0.0	0.8
<i>S. saxicola</i>	--	0.8	0.3	0.0	1.1
<i>S. zacentrus</i>	--	23.4	29.8	1.7	54.9
<i>S. alascanus</i>	--	0.0	0.3	0.0	0.3
<i>S. chlorostictus</i>	--	0.0	0.3	0.3	0.6
<i>S. aleutianus</i>	--	0.2	0.7	1.1	2.0
<i>S. goodei</i>	--	2.2	0.8	0.1	3.1
<i>S. melanostomus</i>	--	0.0	0.0	0.3	0.3
<i>S. wilsoni</i>	--	0.2	0.6	0.0	0.8
<i>S. rufus</i>	--	0.5	0.3	0.3	1.1
<i>S. altivelis</i>	--	0.3	0.0	0.0	0.3
<i>S. ovalis</i>	--	0.0	0.3	0.0	0.3
<i>S. jordani</i>	--	3.4	0.0	0.0	3.4
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	109.1	102.6	69.2	280.9

*Depth strata <50 not sampled.

Appendix Table C-356. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2B, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	10.2	3.1	7.6	20.9
<i>S. aurora</i>	--	0.1	0.5	0.3	0.9
<i>S. babcocki</i>	--	0.4	0.3	2.8	3.5
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. cramerii</i>	--	23.4	12.5	79.9	115.8
<i>S. diploproa</i>	--	9.4	4.1	9.1	22.6
<i>S. elongatus</i>	--	10.5	16.0	7.5	34.0
<i>S. entomelas</i>	--	0.1	0.0	0.3	0.4
<i>S. flavidus</i>	--	0.0	0.0	0.4	0.4
<i>S. helvomaculatus</i>	--	5.0	2.3	0.5	7.8
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.4	0.0	0.0	0.4
<i>S. pinniger</i>	--	0.1	0.1	10.3	10.5
<i>S. proriger</i>	--	35.4	17.5	1.1	54.0
<i>S. reedi</i>	--	18.6	4.4	0.1	23.1
<i>S. rubberimus</i>	--	0.2	0.3	2.5	3.0
<i>S. saxicola</i>	--	0.9	1.3	0.4	2.6
<i>S. zacentrus</i>	--	84.1	37.8	1.6	123.5
<i>S. alascanus</i>	--	0.3	0.5	0.1	0.9
<i>S. chlorostictus</i>	--	1.5	0.3	0.8	2.6
<i>S. aleutianus</i>	--	0.2	0.2	0.9	1.3
<i>S. goodei</i>	--	1.0	1.2	0.0	2.2
<i>S. melanostomus</i>	--	0.0	0.0	0.4	0.4
<i>S. wilsoni</i>	--	0.5	0.4	0.0	0.9
<i>S. rufus</i>	--	0.1	0.0	0.3	0.4
<i>S. altivelis</i>	--	0.0	0.0	0.4	0.4
<i>S. rosaceus</i>	--	0.4	0.0	0.0	0.4
<i>S. jordani</i>	--	1.3	0.4	0.5	2.2
<i>S. emphaeus</i>	--	0.1	0.3	0.0	0.4
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	204.2	103.5	127.8	435.5

*Depth strata <50 not sampled.

Appendix Table C-357. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2C, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	22.1	--	--	0.5	22.6
<i>S. aurora</i>	0.3	--	--	0.0	0.3
<i>S. babcocki</i>	1.3	--	--	0.0	1.3
<i>S. brevispinus</i>	0.4	--	--	0.0	0.4
<i>S. borealis</i>	2.8	--	--	0.0	2.8
<i>S. crameri</i>	80.8	--	--	0.3	81.1
<i>S. diploproa</i>	31.4	--	--	0.1	31.5
<i>S. elongatus</i>	0.2	--	--	0.0	0.2
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.2	--	--	0.0	0.2
<i>S. proriger</i>	7.8	--	--	0.0	7.8
<i>S. reedi</i>	24.1	--	--	0.0	24.1
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	7.9	--	--	0.2	8.1
<i>S. alascanus</i>	0.8	--	--	0.0	0.8
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	3.0	--	--	0.0	3.0
<i>S. goodei</i>	0.0	--	--	0.0	0.0
<i>S. melanostomus</i>	0.1	--	--	0.0	0.1
<i>S. rufus</i>	1.9	--	--	0.0	1.9
Other	0.0	--	--	0.0	0.0
Total mt Landed	185.1	--	--	1.1	186.2

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-358. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2C, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120	
<i>S. alutus</i>	7.6	0.6	--	1.5	9.7
<i>S. aurora</i>	0.8	0.0	--	0.0	0.8
<i>S. babcocki</i>	1.7	0.0	--	1.0	2.7
<i>S. brevispinus</i>	5.5	0.0	--	0.0	5.5
<i>S. borealis</i>	0.0	0.0	--	0.0	0.0
<i>S. crameri</i>	125.2	0.6	--	13.8	139.6
<i>S. diploproa</i>	33.5	0.7	--	1.0	35.2
<i>S. elongatus</i>	0.4	0.0	--	0.1	0.5
<i>S. entomelas</i>	0.2	0.0	--	0.0	0.2
<i>S. flavidus</i>	0.5	0.0	--	0.0	0.5
<i>S. helvomaculatus</i>	0.1	0.0	--	0.0	0.1
<i>S. melanops</i>	0.0	0.0	--	0.0	0.0
<i>S. paucispinus</i>	5.4	0.0	--	0.0	5.4
<i>S. pinniger</i>	5.4	0.0	--	0.1	5.5
<i>S. proriger</i>	20.4	0.7	--	0.0	21.1
<i>S. reedi</i>	63.5	0.1	--	0.0	63.6
<i>S. rubberimus</i>	0.6	0.0	--	0.0	0.6
<i>S. saxicola</i>	0.0	0.0	--	0.0	0.0
<i>S. zacentrus</i>	23.8	0.1	--	0.2	24.1
<i>S. alascanus</i>	2.7	0.0	--	0.0	2.7
<i>S. chlorostictus</i>	0.0	0.0	--	0.0	0.0
<i>S. aleutianus</i>	5.8	0.0	--	1.3	7.1
<i>S. goodei</i>	0.0	0.0	--	0.0	0.0
<i>S. rufus</i>	1.9	0.0	--	0.0	1.9
Other	0.0	0.0	--	0.0	0.0
Total mt Landed	305.0	2.8	--	19.0	326.8

*Depth strata 81-120 not sampled.

Appendix Table C-359. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2C, 1986.

fm = fathoms

Species	Depth Strata (F)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	12.8	0.0	1.2	14.0
<i>S. aurora</i>	--	1.3	0.0	0.0	1.3
<i>S. babcocki</i>	--	2.4	0.0	0.0	2.4
<i>S. brevispinus</i>	--	6.9	0.0	0.0	6.9
<i>S. borealis</i>	--	2.8	0.0	0.0	2.8
<i>S. crameri</i>	--	122.9	1.7	2.4	127.0
<i>S. diploproa</i>	--	47.4	0.0	2.8	50.2
<i>S. elongatus</i>	--	0.5	0.1	0.0	0.6
<i>S. entomelas</i>	--	0.9	0.0	0.0	0.9
<i>S. flavidus</i>	--	2.9	0.0	0.0	2.9
<i>S. helvomaculatus</i>	--	0.8	0.0	0.0	0.8
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	4.4	0.0	0.0	4.4
<i>S. pinniger</i>	--	3.0	0.0	0.0	3.0
<i>S. proriger</i>	--	37.6	0.0	0.0	37.6
<i>S. reedi</i>	--	104.4	0.0	2.7	107.1
<i>S. rubberimus</i>	--	1.1	0.0	0.0	1.1
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	10.3	0.0	0.0	10.3
<i>S. alascanus</i>	--	0.6	0.0	0.0	0.6
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	13.7	0.0	0.1	13.8
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
<i>S. rufus</i>	--	1.1	0.0	0.0	1.1
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	377.8	1.8	9.2	388.8

*Depth strata <50 not sampled.

Appendix Table C-360. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2C, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	31.9	--	--	0.4	32.3
<i>S. aurora</i>	2.8	--	--	0.0	2.8
<i>S. babcocki</i>	3.8	--	--	0.0	3.8
<i>S. brevispinus</i>	24.7	--	--	0.0	24.7
<i>S. borealis</i>	1.6	--	--	0.0	1.6
<i>S. crameri</i>	213.1	--	--	0.0	213.1
<i>S. diploproa</i>	27.4	--	--	1.5	28.9
<i>S. elongatus</i>	16.4	--	--	0.0	16.4
<i>S. entomelas</i>	3.9	--	--	0.0	3.9
<i>S. flavidus</i>	2.7	--	--	0.0	2.7
<i>S. helvomaculatus</i>	0.3	--	--	0.0	0.3
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	5.5	--	--	0.0	5.5
<i>S. pinniger</i>	9.2	--	--	0.0	9.2
<i>S. proriger</i>	12.6	--	--	0.0	12.6
<i>S. reedi</i>	105.0	--	--	0.0	105.0
<i>S. rubberimus</i>	0.9	--	--	0.0	0.9
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	20.2	--	--	0.0	20.2
<i>S. alascanus</i>	9.8	--	--	0.0	9.8
<i>S. chlorostictus</i>	0.1	--	--	0.0	0.1
<i>S. aleutianus</i>	8.2	--	--	0.0	8.2
<i>S. goodei</i>	0.0	--	--	0.0	0.0
<i>S. nigrocinctus</i>	0.1	--	--	0.0	0.1
<i>S. wilsoni</i>	0.1	--	--	0.0	0.1
<i>S. rufus</i>	4.2	--	--	0.0	4.2
Other	0.0	--	--	0.0	0.0
Total mt Landed	504.5	--	--	1.9	506.4

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-361. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2C, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	18.9	0.0	0.0	4.8	23.7
<i>S. aurora</i>	3.8	0.0	0.0	0.0	3.8
<i>S. babcocki</i>	2.5	0.0	0.0	0.2	2.7
<i>S. brevispinus</i>	13.1	0.0	0.1	0.0	13.2
<i>S. borealis</i>	4.5	0.0	0.0	0.0	4.5
<i>S. crameri</i>	184.4	0.0	0.7	14.7	199.8
<i>S. diploproa</i>	34.6	0.0	0.1	0.8	35.5
<i>S. elongatus</i>	0.6	0.1	1.4	0.4	2.5
<i>S. entomelas</i>	4.7	0.0	0.3	0.0	5.0
<i>S. flavidus</i>	5.3	0.0	0.0	0.0	5.3
<i>S. helvomaculatus</i>	0.4	0.0	0.0	0.0	0.4
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	2.5	0.0	0.4	0.0	2.9
<i>S. pinniger</i>	12.5	0.0	1.0	0.0	13.5
<i>S. proriger</i>	8.7	5.9	6.1	0.0	20.7
<i>S. reedi</i>	0.0	204.4	5.5	4.7	214.6
<i>S. rubberimus</i>	4.3	0.0	0.0	0.0	4.3
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. alascanus</i>	12.2	0.0	18.3	0.3	30.8
<i>S. chlorostictus</i>	1.1	0.0	0.0	0.0	1.1
<i>S. aleutianus</i>	12.1	0.0	0.0	0.0	12.1
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rufus</i>	1.8	0.0	0.0	0.0	1.8
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	328.0	210.4	33.9	25.9	598.2

Appendix Table C-362. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2C, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	35.1	--	0.8	2.7	38.6
<i>S. aurora</i>	0.0	--	0.0	6.1	6.1
<i>S. babcocki</i>	7.3	--	0.3	0.4	8.0
<i>S. brevispinus</i>	22.1	--	0.0	0.0	22.1
<i>S. borealis</i>	8.2	--	0.0	0.2	8.4
<i>S. crameri</i>	175.2	--	4.4	19.2	198.8
<i>S. diploproa</i>	23.6	--	0.0	22.4	46.0
<i>S. elongatus</i>	0.4	--	7.7	2.1	10.2
<i>S. entomelas</i>	11.4	--	0.1	0.3	11.8
<i>S. flavidus</i>	1.5	--	0.0	0.0	1.5
<i>S. helvomaculatus</i>	0.0	--	0.0	0.2	0.2
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	13.1	--	0.0	0.0	13.1
<i>S. pinniger</i>	9.5	--	0.0	0.8	10.3
<i>S. proriger</i>	15.7	--	42.7	0.6	59.0
<i>S. reedi</i>	116.7	--	0.0	0.7	117.4
<i>S. rubberimus</i>	3.4	--	0.1	0.0	3.5
<i>S. saxicola</i>	0.0	--	0.0	0.0	0.0
<i>S. zacentrus</i>	16.0	--	41.6	2.4	60.0
<i>S. alascanus</i>	0.5	--	0.0	0.0	0.5
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	16.8	--	0.0	0.8	17.6
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
<i>S. rufus</i>	5.6	--	0.0	0.0	5.6
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	482.1	--	97.7	58.9	638.7

*Depth strata 51-80 not sampled.

Appendix Table C-363. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2C, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	28.2	--	0.0	2.6	30.8
<i>S. aurora</i>	4.0	--	0.0	0.7	4.7
<i>S. babcocki</i>	5.7	--	0.0	0.1	5.8
<i>S. brevispinus</i>	14.3	--	0.0	0.0	14.3
<i>S. borealis</i>	3.7	--	0.0	0.0	3.7
<i>S. cramerii</i>	463.3	--	0.0	17.0	480.3
<i>S. diploproa</i>	24.8	--	0.0	1.6	26.4
<i>S. elongatus</i>	1.9	--	2.1	3.9	7.9
<i>S. entomelas</i>	2.0	--	0.1	0.1	2.2
<i>S. flavidus</i>	5.4	--	0.2	0.0	5.6
<i>S. helvomaculatus</i>	0.3	--	0.0	0.1	0.4
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	18.8	--	0.0	0.0	18.8
<i>S. pinniger</i>	44.0	--	1.7	0.0	45.7
<i>S. proriger</i>	20.1	--	0.0	39.8	59.9
<i>S. reedi</i>	152.6	--	0.1	5.9	158.6
<i>S. rubberimus</i>	23.5	--	0.1	0.0	23.6
<i>S. saxicola</i>	0.0	--	0.0	0.0	0.0
<i>S. zacentrus</i>	14.9	--	0.1	9.4	24.4
<i>S. alascanus</i>	1.0	--	0.0	0.0	1.0
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	21.3	--	0.0	0.4	21.7
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
<i>S. melanostomus</i>	0.5	--	0.0	0.0	0.5
<i>S. rufus</i>	3.4	--	0.0	0.0	3.4
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	853.7	--	4.4	81.6	939.7

*Depth strata 51-80 not sampled.

Appendix Table C-364. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2C, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	12.3	0.0	36.5	48.8
<i>S. aurora</i>	--	3.5	0.0	56.5	60.0
<i>S. babcocki</i>	--	0.0	0.0	1.0	1.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	67.8	12.3	166.3	246.4
<i>S. diploproa</i>	--	2.6	0.0	41.1	43.7
<i>S. elongatus</i>	--	37.5	10.0	3.4	50.9
<i>S. entomelas</i>	--	2.0	0.0	0.0	2.0
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	2.0	0.0	0.0	2.0
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	3.0	0.0	0.0	3.0
<i>S. pinniger</i>	--	11.2	0.0	0.0	11.2
<i>S. proriger</i>	--	98.2	45.4	58.9	202.5
<i>S. reedi</i>	--	23.5	0.0	211.5	235.0
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	36.6	3.3	70.0	109.9
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
<i>S. jordani</i>	--	1.0	0.0	0.0	1.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	301.2	71.0	645.2	1,017.4

*Depth strata <50 not sampled.

Appendix Table C-365. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2C, 1992.

fm = fathoms

Species	Depth Strata (F)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	0.0	23.2	23.2
<i>S. aurora</i>	--	0.0	0.0	3.2	3.2
<i>S. babcocki</i>	--	0.0	0.0	0.5	0.5
<i>S. brevispinus</i>	--	0.0	0.0	1.6	1.6
<i>S. borealis</i>	--	0.0	0.0	22.1	22.1
<i>S. cramerii</i>	--	0.0	0.0	85.2	85.2
<i>S. diploproa</i>	--	0.0	0.0	51.2	51.2
<i>S. elongatus</i>	--	3.5	0.3	12.9	16.7
<i>S. entomelas</i>	--	0.0	0.0	1.0	1.0
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	0.0	5.9	5.9
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.0	0.0	0.0
<i>S. proriger</i>	--	4.5	7.2	137.1	148.8
<i>S. reedi</i>	--	0.0	0.3	91.4	91.7
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	2.2	1.1	49.5	52.8
<i>S. alascanus</i>	--	0.0	0.0	3.2	3.2
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	24.8	24.8
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
<i>S. melanostomus</i>	--	0.0	0.0	2.7	2.7
<i>S. wilsoni</i>	--	0.5	0.0	0.5	1.0
<i>S. rufus</i>	--	0.0	0.0	1.0	1.0
<i>S. altivelis</i>	--	0.0	0.0	2.7	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	10.7	8.9	519.7	539.3

*Depth strata <50 not sampled.

Appendix Table C-366. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 2C, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	0.4	15.5	15.9
<i>S. aurora</i>	--	--	0.0	10.2	10.2
<i>S. babcocki</i>	--	--	0.0	2.3	2.3
<i>S. brevispinus</i>	--	--	0.0	11.4	11.4
<i>S. borealis</i>	--	--	0.0	1.1	1.1
<i>S. cramerii</i>	--	--	0.0	469.1	469.1
<i>S. diploproa</i>	--	--	0.8	37.9	38.7
<i>S. elongatus</i>	--	--	0.0	4.6	4.6
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	1.1	1.1
<i>S. melanops</i>	--	--	0.0	12.5	12.5
<i>S. paucispinus</i>	--	--	0.0	6.8	6.8
<i>S. pinniger</i>	--	--	0.0	60.4	60.4
<i>S. proriger</i>	--	--	39.0	13.4	52.4
<i>S. reedi</i>	--	--	0.0	360.2	360.2
<i>S. rubberimus</i>	--	--	0.0	4.6	4.6
<i>S. saxicola</i>	--	--	0.0	1.1	1.1
<i>S. zacentrus</i>	--	--	0.0	28.5	28.5
<i>S. alascanus</i>	--	--	0.0	1.1	1.1
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	51.2	51.2
<i>S. goodei</i>	--	--	0.0	1.1	1.1
<i>S. melanostomus</i>	--	--	0.0	1.1	1.1
<i>S. wilsoni</i>	--	--	0.0	1.1	1.1
<i>S. altivelis</i>	--	--	0.0	1.1	1.1
<i>S. jordani</i>	--	--	0.0	1.1	1.1
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	40.2	1,098.5	1,138.7

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-367. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3A, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	2.5	--	1.0	0.6	4.1
<i>S. aurora</i>	0.1	--	0.0	0.0	0.1
<i>S. babcocki</i>	0.0	--	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. borealis</i>	0.1	--	0.0	0.0	0.1
<i>S. crameri</i>	1.5	--	1.1	0.0	2.6
<i>S. diploproa</i>	0.4	--	0.0	0.0	0.4
<i>S. elongatus</i>	0.1	--	0.0	0.0	0.1
<i>S. entomelas</i>	0.0	--	0.0	0.0	0.0
<i>S. flavidus</i>	0.2	--	0.0	0.0	0.2
<i>S. helvomaculatus</i>	0.0	--	0.0	0.0	0.0
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	--	0.0	0.0	0.0
<i>S. proriger</i>	0.0	--	0.0	0.0	0.0
<i>S. reedi</i>	0.0	--	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	--	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	--	0.0	0.0	0.0
<i>S. zacentrus</i>	0.1	--	0.0	0.0	0.1
<i>S. alascanus</i>	0.1	--	0.0	0.0	0.1
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	0.2	--	0.0	0.1	0.3
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
<i>S. rufus</i>	0.1	--	0.0	0.0	0.1
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	5.4	--	2.1	0.7	8.2

*Depth strata 51-80 not sampled.

Appendix Table C-368. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3A, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	1.1	0.1	5.8	2.7	9.7
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.4	0.0	0.4
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	5.0	0.0	0.0	5.0
<i>S. crameri</i>	0.7	0.0	23.7	7.5	31.9
<i>S. diploproa</i>	0.1	0.3	1.0	0.1	1.5
<i>S. elongatus</i>	0.0	0.0	1.2	0.0	1.2
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	0.1	0.0	0.0	0.0	0.1
<i>S. helvomaculatus</i>	0.0	0.0	0.2	0.0	0.2
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.6	0.1	0.0	0.7
<i>S. pinniger</i>	0.0	33.9	1.4	0.0	35.3
<i>S. proriger</i>	2.4	0.0	37.7	0.0	40.1
<i>S. reedi</i>	0.0	0.0	1.3	0.0	1.3
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.3	0.1	0.0	0.4
<i>S. zacentrus</i>	0.6	0.0	62.7	1.3	64.6
<i>S. alascanus</i>	0.0	0.0	0.8	0.0	0.8
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.2	0.0	0.0	0.0	0.2
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	5.2	40.2	136.4	11.6	193.4

Appendix Table C-369. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3A, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	1.2	0.0	0.0	1.1	2.3
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.9	0.0	0.2	0.0	1.1
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	5.9	0.0	13.8	0.9	20.6
<i>S. diploproa</i>	0.8	0.0	0.1	0.0	0.9
<i>S. elongatus</i>	0.3	0.0	0.1	0.0	0.4
<i>S. entomelas</i>	0.0	0.0	0.2	0.0	0.2
<i>S. flavidus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	2.4	4.4	40.7	2.7	50.2
<i>S. reedi</i>	1.9	0.0	0.0	0.4	2.3
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	10.6	0.0	36.3	15.8	62.7
<i>S. alascanus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.3	0.0	0.0	0.0	0.3
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.2	0.2
Total mt Landed	24.3	4.4	91.4	21.1	141.2

Appendix Table C-370. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3A, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	1.0	0.0	1.0
<i>S. aurora</i>	0.0	0.0	0.0	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	0.5	0.1	0.6
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	1.6	3.4	1.7	6.7
<i>S. diploproa</i>	0.0	0.0	1.5	1.1	2.6
<i>S. elongatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	0.0	0.1	0.0	0.1
<i>S. flavidus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.8	0.8
<i>S. pinniger</i>	0.0	0.0	0.1	0.8	0.9
<i>S. proriger</i>	2.2	1.8	57.0	14.2	75.2
<i>S. reedi</i>	0.0	0.7	5.6	0.8	7.1
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.2	0.0	0.2
<i>S. zacentrus</i>	0.3	1.8	19.5	6.5	28.1
<i>S. alascanus</i>	0.0	0.3	0.0	0.0	0.3
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	2.5	6.2	88.9	26.0	123.6

Appendix Table C-371. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3A, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	7.9	0.0	7.9
<i>S. aurora</i>	--	0.0	0.2	0.0	0.2
<i>S. babcocki</i>	--	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.0	12.4	1.4	13.8
<i>S. diploproa</i>	--	0.0	0.6	0.0	0.6
<i>S. elongatus</i>	--	0.0	2.3	0.3	2.6
<i>S. entomelas</i>	--	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	--	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	0.0	0.3	0.0	0.3
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.2	0.2
<i>S. pinniger</i>	--	0.0	0.0	1.0	1.0
<i>S. proriger</i>	--	6.6	22.1	9.8	38.5
<i>S. reedi</i>	--	0.0	3.2	0.0	3.2
<i>S. rubberimus</i>	--	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	25.1	0.0	25.1
<i>S. alascanus</i>	--	0.0	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.3	0.3
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	6.6	74.1	13.0	93.7

*Depth strata <50 not sampled.

Appendix Table C-372. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3A, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.0	2.7	4.5	7.2
<i>S. aurora</i>	--	0.0	0.0	1.2	1.2
<i>S. babcocki</i>	--	0.0	0.3	0.2	0.5
<i>S. brevispinus</i>	--	0.0	3.3	0.3	3.6
<i>S. borealis</i>	--	0.0	1.8	0.0	1.8
<i>S. crameri</i>	--	0.0	5.3	3.3	8.6
<i>S. diploproa</i>	--	0.0	0.6	7.6	8.2
<i>S. elongatus</i>	--	1.1	2.6	10.4	14.1
<i>S. entomelas</i>	--	0.0	0.1	0.9	1.0
<i>S. flavidus</i>	--	0.0	0.2	0.3	0.5
<i>S. helvomaculatus</i>	--	0.0	0.0	0.6	0.6
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.6	0.4	1.0
<i>S. pinniger</i>	--	0.1	5.8	1.1	7.0
<i>S. proriger</i>	--	0.0	18.5	9.6	28.1
<i>S. reedi</i>	--	0.0	1.1	22.1	23.2
<i>S. rubberimus</i>	--	0.0	1.8	4.0	5.8
<i>S. saxicola</i>	--	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	--	0.0	25.1	30.4	55.5
<i>S. alascanus</i>	--	0.0	1.6	0.0	1.6
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.0	0.0
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	1.2	71.4	96.9	169.5

*Depth strata <50 not sampled.

Appendix Table C-373. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3A, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	2.7	6.7	9.4
<i>S. aurora</i>	--	--	0.6	2.2	2.8
<i>S. babcocki</i>	--	--	0.0	0.1	0.1
<i>S. brevispinus</i>	--	--	0.1	0.0	0.1
<i>S. borealis</i>	--	--	0.2	0.0	0.2
<i>S. crameri</i>	--	--	0.8	10.0	10.8
<i>S. diploproa</i>	--	--	0.6	6.8	7.4
<i>S. elongatus</i>	--	--	1.2	3.5	4.7
<i>S. entomelas</i>	--	--	0.1	1.5	1.6
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.1	0.3	0.4
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.7	1.7	2.4
<i>S. proriger</i>	--	--	13.4	38.8	52.2
<i>S. reedi</i>	--	--	2.5	3.2	5.7
<i>S. rubberimus</i>	--	--	0.0	0.1	0.1
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	3.3	13.6	16.9
<i>S. alascanus</i>	--	--	0.1	0.0	0.1
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.2	0.2
<i>S. goodei</i>	--	--	0.0	0.0	0.0
<i>S. melanostomus</i>	--	--	0.1	0.0	0.1
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	26.5	88.7	115.2

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-374. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3A, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	0.9	1.2	2.1
<i>S. aurora</i>	--	--	0.7	0.3	1.0
<i>S. babcocki</i>	--	--	0.0	0.1	0.1
<i>S. brevispinus</i>	--	--	0.0	0.1	0.1
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	1.9	7.6	9.5
<i>S. diploproa</i>	--	--	0.0	0.2	0.2
<i>S. elongatus</i>	--	--	2.3	1.2	3.5
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.1	0.1	0.2
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.6	0.0	0.6
<i>S. proriger</i>	--	--	10.4	17.3	27.7
<i>S. reedi</i>	--	--	1.3	0.5	1.8
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	7.1	5.9	13.0
<i>S. alascanus</i>	--	--	0.0	0.1	0.1
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.1	0.1	0.2
<i>S. goodei</i>	--	--	0.0	0.0	0.0
<i>S. melanostomus</i>	--	--	0.1	0.0	0.1
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	25.5	34.7	60.2

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-375. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3A, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	0.3	1.4	1.7
<i>S. aurora</i>	--	--	0.0	0.1	0.1
<i>S. babcocki</i>	--	--	0.1	0.1	0.2
<i>S. brevispinus</i>	--	--	0.0	0.1	0.1
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.3	4.5	4.8
<i>S. diploproa</i>	--	--	0.0	0.6	0.6
<i>S. elongatus</i>	--	--	1.0	0.7	1.7
<i>S. entomelas</i>	--	--	0.0	0.1	0.1
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.1	0.1
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.1	0.1
<i>S. proriger</i>	--	--	1.0	0.8	1.8
<i>S. reedi</i>	--	--	8.3	2.2	10.5
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	1.5	2.7	4.2
<i>S. alascanus</i>	--	--	0.0	0.1	0.1
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.1	0.1
<i>S. goodei</i>	--	--	0.0	0.0	0.0
<i>S. jordani</i>	--	--	0.1	0.0	0.1
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	12.6	13.7	26.3

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-376. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3A, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
<i>S. alutus</i>	--	0.1	0.8	0.7	1.6
<i>S. aurora</i>	--	0.0	0.0	0.3	0.3
<i>S. babcocki</i>	--	0.0	0.3	0.2	0.5
<i>S. brevispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. borealis</i>	--	0.0	0.0	0.0	0.0
<i>S. crameri</i>	--	0.1	4.1	12.7	16.9
<i>S. diploproa</i>	--	0.0	0.4	1.2	1.6
<i>S. elongatus</i>	--	0.1	15.7	4.6	20.4
<i>S. entomelas</i>	--	0.0	0.7	0.1	0.8
<i>S. flavidus</i>	--	0.0	0.3	0.0	0.3
<i>S. helvomaculatus</i>	--	0.0	2.4	0.3	2.7
<i>S. melanops</i>	--	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	--	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	--	0.0	0.3	0.5	0.8
<i>S. proriger</i>	--	0.9	112.2	4.3	117.4
<i>S. reedi</i>	--	0.1	0.5	0.5	1.1
<i>S. rubberimus</i>	--	0.0	0.2	0.1	0.3
<i>S. saxicola</i>	--	0.0	0.0	0.3	0.3
<i>S. zacentrus</i>	--	0.1	96.0	5.2	101.3
<i>S. alascanus</i>	--	0.0	0.1	0.2	0.3
<i>S. chlorostictus</i>	--	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	--	0.0	0.0	0.8	0.8
<i>S. goodei</i>	--	0.0	0.0	0.0	0.0
<i>S. wilsoni</i>	--	0.0	0.3	0.0	0.3
<i>S. jordani</i>	--	0.0	4.6	0.0	4.6
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	1.4	238.9	32.0	272.3

*Depth strata <50 not sampled.

Appendix Table C-377. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3B, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	1.0	--	--	--	1.0
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. cramerii</i>	0.6	--	--	--	0.6
<i>S. diploproa</i>	0.0	--	--	--	0.0
<i>S. elongatus</i>	0.0	--	--	--	0.0
<i>S. entomelas</i>	0.0	--	--	--	0.0
<i>S. flavidus</i>	0.1	--	--	--	0.1
<i>S. helvomaculatus</i>	0.0	--	--	--	0.0
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	0.0	--	--	--	0.0
<i>S. proriger</i>	0.0	--	--	--	0.0
<i>S. reedi</i>	0.0	--	--	--	0.0
<i>S. rubberimus</i>	0.0	--	--	--	0.0
<i>S. saxicola</i>	0.0	--	--	--	0.0
<i>S. zacentrus</i>	0.0	--	--	--	0.0
<i>S. alascanus</i>	0.0	--	--	--	0.0
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.1	--	--	--	0.1
<i>S. goodei</i>	0.0	--	--	--	0.0
<i>S. melanostomus</i>	0.1	--	--	--	0.1
Other	0.0	--	--	--	0.0
Total mt Landed	1.9	--	--	--	1.9

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-378. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3B, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.1	--	--	--	0.1
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. crameri</i>	0.8	--	--	--	0.8
<i>S. diploproa</i>	0.0	--	--	--	0.0
<i>S. elongatus</i>	0.0	--	--	--	0.0
<i>S. entomelas</i>	0.0	--	--	--	0.0
<i>S. flavidus</i>	0.0	--	--	--	0.0
<i>S. helvomaculatus</i>	0.0	--	--	--	0.0
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	0.0	--	--	--	0.0
<i>S. proriger</i>	2.1	--	--	--	2.1
<i>S. reedi</i>	0.0	--	--	--	0.0
<i>S. rubberimus</i>	0.0	--	--	--	0.0
<i>S. saxicola</i>	0.0	--	--	--	0.0
<i>S. zacentrus</i>	0.4	--	--	--	0.4
<i>S. alascanus</i>	0.0	--	--	--	0.0
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	3.4	--	--	--	3.4

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-379. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3B, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120*	
<i>S. alutus</i>	0.0	--	0.0	--	0.0
<i>S. aurora</i>	0.0	--	0.0	--	0.0
<i>S. babcocki</i>	0.0	--	0.0	--	0.0
<i>S. brevispinus</i>	0.0	--	0.0	--	0.0
<i>S. borealis</i>	0.0	--	0.0	--	0.0
<i>S. crameri</i>	0.0	--	0.0	--	0.0
<i>S. diploproa</i>	0.0	--	0.0	--	0.0
<i>S. elongatus</i>	0.0	--	0.0	--	0.0
<i>S. entomelas</i>	0.0	--	0.0	--	0.0
<i>S. flavidus</i>	0.0	--	0.0	--	0.0
<i>S. helvomaculatus</i>	0.0	--	0.0	--	0.0
<i>S. melanops</i>	0.0	--	0.0	--	0.0
<i>S. paucispinus</i>	0.0	--	0.0	--	0.0
<i>S. pinniger</i>	0.0	--	0.0	--	0.0
<i>S. proriger</i>	4.1	--	1.2	--	5.3
<i>S. reedi</i>	0.2	--	0.1	--	0.3
<i>S. rubberimus</i>	0.0	--	0.0	--	0.0
<i>S. saxicola</i>	0.0	--	0.0	--	0.0
<i>S. zacentrus</i>	1.1	--	0.4	--	1.5
<i>S. alascanus</i>	0.0	--	0.0	--	0.0
<i>S. chlorostictus</i>	0.0	--	0.0	--	0.0
<i>S. aleutianus</i>	0.0	--	0.0	--	0.0
<i>S. goodei</i>	0.0	--	0.0	--	0.0
Other	0.0	--	0.0	--	0.0
Total mt Landed	5.4	--	1.7	--	7.1

*Depth strata 51-80 & >120 not sampled.

Appendix Table C-380. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3B, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.0	--	--	--	0.0
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. crameri</i>	0.4	--	--	--	0.4
<i>S. diploproa</i>	0.1	--	--	--	0.1
<i>S. elongatus</i>	0.0	--	--	--	0.0
<i>S. entomelas</i>	0.0	--	--	--	0.0
<i>S. flavidus</i>	0.0	--	--	--	0.0
<i>S. helvomaculatus</i>	0.0	--	--	--	0.0
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	0.1	--	--	--	0.1
<i>S. proriger</i>	4.1	--	--	--	4.1
<i>S. reedi</i>	0.2	--	--	--	0.2
<i>S. rubberimus</i>	0.0	--	--	--	0.0
<i>S. saxicola</i>	0.0	--	--	--	0.0
<i>S. zacentrus</i>	1.6	--	--	--	1.6
<i>S. alascanus</i>	0.0	--	--	--	0.0
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	6.5	--	--	--	6.5

**Depth strata 51-80, 81-120 & >120 not sampled.*

Appendix Table C-381. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3B, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120*	
<i>S. alutus</i>	--	--	0.9	--	0.9
<i>S. aurora</i>	--	--	0.1	--	0.1
<i>S. babcocki</i>	--	--	0.1	--	0.1
<i>S. brevispinus</i>	--	--	0.0	--	0.0
<i>S. borealis</i>	--	--	0.0	--	0.0
<i>S. crameri</i>	--	--	1.5	--	1.5
<i>S. diploproa</i>	--	--	0.9	--	0.9
<i>S. elongatus</i>	--	--	0.8	--	0.8
<i>S. entomelas</i>	--	--	0.1	--	0.1
<i>S. flavidus</i>	--	--	0.0	--	0.0
<i>S. helvomaculatus</i>	--	--	0.1	--	0.1
<i>S. melanops</i>	--	--	0.0	--	0.0
<i>S. paucispinus</i>	--	--	0.0	--	0.0
<i>S. pinniger</i>	--	--	0.2	--	0.2
<i>S. proriger</i>	--	--	17.0	--	17.0
<i>S. reedi</i>	--	--	0.0	--	0.0
<i>S. rubberimus</i>	--	--	0.5	--	0.5
<i>S. saxicola</i>	--	--	0.0	--	0.0
<i>S. zacentrus</i>	--	--	3.0	--	3.0
<i>S. alascanus</i>	--	--	0.0	--	0.0
<i>S. chlorostictus</i>	--	--	0.0	--	0.0
<i>S. aleutianus</i>	--	--	0.0	--	0.0
<i>S. goodei</i>	--	--	0.0	--	0.0
Other	--	--	0.0	--	0.0
Total mt Landed	--	--	25.2	--	25.2

*Depth strata <50, 51-80 & >120 not sampled.

Appendix Table C-382. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3B, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	1.2	1.2
<i>S. aurora</i>	--	--	--	0.3	0.3
<i>S. babcocki</i>	--	--	--	0.4	0.4
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. cramerii</i>	--	--	--	5.2	5.2
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.1	0.1
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	0.2	0.2
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	7.4	7.4

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-383. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3B, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	0.4	1.7	2.1
<i>S. aurora</i>	--	--	0.1	0.0	0.1
<i>S. babcocki</i>	--	--	0.1	0.4	0.5
<i>S. brevispinus</i>	--	--	0.7	0.0	0.7
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.4	1.4	1.8
<i>S. diploproa</i>	--	--	0.2	1.4	1.6
<i>S. elongatus</i>	--	--	1.8	1.0	2.8
<i>S. entomelas</i>	--	--	0.4	0.0	0.4
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.1	0.0	0.1
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.1	0.0	0.1
<i>S. pinniger</i>	--	--	0.6	0.3	0.9
<i>S. proriger</i>	--	--	3.6	1.5	5.1
<i>S. reedi</i>	--	--	0.5	19.4	19.9
<i>S. rubberimus</i>	--	--	0.3	0.1	0.4
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	6.7	3.6	10.3
<i>S. alascanus</i>	--	--	0.0	0.0	0.0
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.0	0.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	16.0	30.8	46.8

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-384. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3B, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.4	0.4
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.6	0.6
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	3.0	3.0
<i>S. diploproa</i>	--	--	--	0.6	0.6
<i>S. elongatus</i>	--	--	--	3.1	3.1
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.2	0.2
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	1.6	1.6
<i>S. proriger</i>	--	--	--	5.1	5.1
<i>S. reedi</i>	--	--	--	1.2	1.2
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	2.2	2.2
<i>S. alascanus</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.8	0.8
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	18.8	18.8

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-385. Species composition of category 406 (small rockfish) landings (mt) by depth strata, PMFC area 3B, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.3	0.9	1.0	2.2
<i>S. aurora</i>	0.0	0.0	0.0	0.2	0.2
<i>S. babcocki</i>	0.0	0.3	0.1	0.9	1.3
<i>S. brevispinus</i>	0.0	0.0	0.1	0.1	0.2
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	5.6	5.2	10.8
<i>S. diploproa</i>	0.0	0.0	0.0	0.7	0.7
<i>S. elongatus</i>	0.0	4.5	1.2	2.5	8.2
<i>S. entomelas</i>	0.0	0.0	0.0	0.1	0.1
<i>S. flavidus</i>	0.0	0.0	0.1	0.1	0.2
<i>S. helvomaculatus</i>	0.0	0.1	0.1	0.4	0.6
<i>S. melanops</i>	0.1	0.0	0.0	0.0	0.1
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	2.2	0.4	0.9	3.5
<i>S. proriger</i>	0.0	7.3	8.2	11.0	26.5
<i>S. reedi</i>	0.0	0.3	1.7	1.9	3.9
<i>S. rubberimus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. saxicola</i>	0.0	0.0	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	3.5	6.4	11.5	21.4
<i>S. alascanus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. aleutianus</i>	0.0	0.0	0.3	1.2	1.5
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
<i>S. nigrocinctus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. mystinus</i>	0.0	0.0	0.1	0.0	0.1
<i>S. jordani</i>	0.0	0.0	0.1	0.0	0.1
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	0.1	18.5	25.5	37.9	82.0

Appendix Table C-386. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 1C, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.0	--	--	--	0.0
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. crameri</i>	0.0	--	--	--	0.0
<i>S. diploproa</i>	0.0	--	--	--	0.0
<i>S. elongatus</i>	0.0	--	--	--	0.0
<i>S. entomelas</i>	0.0	--	--	--	0.0
<i>S. flavidus</i>	0.0	--	--	--	0.0
<i>S. helvomaculatus</i>	0.0	--	--	--	0.0
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	0.0	--	--	--	0.0
<i>S. proriger</i>	0.0	--	--	--	0.0
<i>S. reedi</i>	0.0	--	--	--	0.0
<i>S. rubberimus</i>	0.0	--	--	--	0.0
<i>S. saxicola</i>	0.0	--	--	--	0.0
<i>S. zacentrus</i>	0.0	--	--	--	0.0
<i>S. alascanus</i>	1.9	--	--	--	1.9
<i>S. altivelis</i>	0.4	--	--	--	0.4
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	2.3	--	--	--	2.3

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-387. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 1C, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.0	--	--	--	0.0
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. crameri</i>	0.0	--	--	--	0.0
<i>S. diploproa</i>	0.0	--	--	--	0.0
<i>S. elongatus</i>	0.0	--	--	--	0.0
<i>S. entomelas</i>	0.0	--	--	--	0.0
<i>S. flavidus</i>	0.0	--	--	--	0.0
<i>S. helvomaculatus</i>	0.0	--	--	--	0.0
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	0.0	--	--	--	0.0
<i>S. proriger</i>	0.0	--	--	--	0.0
<i>S. reedi</i>	0.0	--	--	--	0.0
<i>S. rubberimus</i>	0.0	--	--	--	0.0
<i>S. saxicola</i>	0.0	--	--	--	0.0
<i>S. zacentrus</i>	0.0	--	--	--	0.0
<i>S. alascanus</i>	7.1	--	--	--	7.1
<i>S. altivelis</i>	1.2	--	--	--	1.2
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	8.3	--	--	--	8.3

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-388. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 1C, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
S. alutus	0.1	--	--	--	0.1
S. aurora	0.1	--	--	--	0.1
S. babcocki	0.1	--	--	--	0.1
S. brevispinus	0.0	--	--	--	0.0
S. borealis	0.0	--	--	--	0.0
S. crameri	0.0	--	--	--	0.0
S. diploproa	0.0	--	--	--	0.0
S. elongatus	0.0	--	--	--	0.0
S. entomelas	0.0	--	--	--	0.0
S. flavidus	0.0	--	--	--	0.0
S. helvomaculatus	0.0	--	--	--	0.0
S. melanops	0.0	--	--	--	0.0
S. paucispinus	0.0	--	--	--	0.0
S. pinniger	0.0	--	--	--	0.0
S. proriger	0.0	--	--	--	0.0
S. reedi	0.0	--	--	--	0.0
S. rubberimus	0.0	--	--	--	0.0
S. saxicola	0.0	--	--	--	0.0
S. zacentrus	0.0	--	--	--	0.0
S. alascanus	6.8	--	--	--	6.8
S. altivelis	3.6	--	--	--	3.6
S. chlorostictus	0.0	--	--	--	0.0
S. aleutianus	0.0	--	--	--	0.0
S. goodei	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	10.7	--	--	--	10.7

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-389. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 1C, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
<i>S. alutus</i>	0.0	--	--	--	0.0
<i>S. aurora</i>	0.0	--	--	--	0.0
<i>S. babcocki</i>	0.0	--	--	--	0.0
<i>S. brevispinus</i>	0.0	--	--	--	0.0
<i>S. borealis</i>	0.0	--	--	--	0.0
<i>S. cramerii</i>	0.0	--	--	--	0.0
<i>S. diploproa</i>	0.0	--	--	--	0.0
<i>S. elongatus</i>	0.0	--	--	--	0.0
<i>S. entomelas</i>	0.0	--	--	--	0.0
<i>S. flavidus</i>	0.0	--	--	--	0.0
<i>S. helvomaculatus</i>	0.0	--	--	--	0.0
<i>S. melanops</i>	0.0	--	--	--	0.0
<i>S. paucispinus</i>	0.0	--	--	--	0.0
<i>S. pinniger</i>	0.0	--	--	--	0.0
<i>S. proriger</i>	0.0	--	--	--	0.0
<i>S. reedi</i>	0.0	--	--	--	0.0
<i>S. rubberimus</i>	0.0	--	--	--	0.0
<i>S. saxicola</i>	0.0	--	--	--	0.0
<i>S. zacentrus</i>	0.0	--	--	--	0.0
<i>S. alascanus</i>	0.4	--	--	--	0.4
<i>S. chlorostictus</i>	0.0	--	--	--	0.0
<i>S. aleutianus</i>	0.0	--	--	--	0.0
<i>S. goodei</i>	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	0.4	--	--	--	0.4

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-390. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 1C, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
S. alutus	--	--	--	0.0	0.0
S. aurora	--	--	--	0.0	0.0
S. babcocki	--	--	--	0.0	0.0
S. brevispinus	--	--	--	0.0	0.0
S. borealis	--	--	--	0.0	0.0
S. crameri	--	--	--	0.0	0.0
S. diploproa	--	--	--	0.0	0.0
S. elongatus	--	--	--	0.0	0.0
S. entomelas	--	--	--	0.0	0.0
S. flavidus	--	--	--	0.0	0.0
S. helvomaculatus	--	--	--	0.0	0.0
S. melanops	--	--	--	0.0	0.0
S. paucispinus	--	--	--	0.0	0.0
S. pinniger	--	--	--	0.0	0.0
S. proriger	--	--	--	0.0	0.0
S. reedi	--	--	--	0.0	0.0
S. rubberimus	--	--	--	0.0	0.0
S. saxicola	--	--	--	0.0	0.0
S. zacentrus	--	--	--	0.0	0.0
S. alascanus	--	--	--	33.0	33.0
S. chlorostictus	--	--	--	0.0	0.0
S. aleutianus	--	--	--	0.0	0.0
S. goodei	--	--	--	0.0	0.0
S. altivelis	--	--	--	3.7	3.7
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	36.7	36.7

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-391. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 1C, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	0.4	0.4
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
<i>S. altivelis</i>	--	--	--	12.5	12.5
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	12.9	12.9

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-392. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 1C, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	5.1	5.1
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
<i>S. altivelis</i>	--	--	--	4.4	4.4
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	9.5	9.5

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-393. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2A, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.4	--	--	1.1	1.5
<i>S. aurora</i>	0.8	--	--	0.0	0.8
<i>S. babcocki</i>	0.0	--	--	0.0	0.0
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	4.3	--	--	0.0	4.3
<i>S. crameri</i>	0.0	--	--	0.0	0.0
<i>S. diploproa</i>	0.0	--	--	0.0	0.0
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.0	--	--	0.0	0.0
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.0	--	--	0.0	0.0
<i>S. alascanus</i>	22.0	--	--	18.3	40.3
<i>S. altivelis</i>	21.9	--	--	4.0	25.9
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.0	--	--	0.0	0.0
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	49.4	--	--	23.4	72.8

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-394. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2A, 1985.
 fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.0	--	--	0.0	0.0
<i>S. aurora</i>	0.0	--	--	0.0	0.0
<i>S. babcocki</i>	0.0	--	--	0.0	0.0
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. cramerii</i>	0.0	--	--	0.0	0.0
<i>S. diploproa</i>	0.0	--	--	0.0	0.0
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.0	--	--	0.0	0.0
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.0	--	--	0.0	0.0
<i>S. alascanus</i>	66.1	--	--	96.3	162.4
<i>S. altivelis</i>	7.6	--	--	20.6	28.2
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.1	--	--	0.0	0.1
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	73.8	--	--	116.9	190.7

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-395. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2A, 1986.
 fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.0	--	--	0.1	0.1
<i>S. aurora</i>	0.0	--	--	0.1	0.1
<i>S. babcocki</i>	0.0	--	--	0.1	0.1
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. crameri</i>	0.0	--	--	0.0	0.0
<i>S. diploproa</i>	0.1	--	--	0.0	0.1
<i>S. elongatus</i>	0.1	--	--	0.0	0.1
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.0	--	--	0.0	0.0
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.1	--	--	0.0	0.1
<i>S. alascanus</i>	18.6	--	--	24.8	43.4
<i>S. altivelis</i>	10.8	--	--	48.4	59.2
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.1	--	--	0.0	0.1
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	29.8	--	--	73.5	103.3

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-396. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2A, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
S. alutus	0.0	--	0.0	0.0	0.0
S. aurora	0.1	--	0.0	0.0	0.1
S. babcocki	0.0	--	0.0	0.0	0.0
S. brevispinus	0.0	--	0.0	0.0	0.0
S. borealis	0.0	--	0.0	0.0	0.0
S. crameri	0.1	--	0.0	0.0	0.1
S. diploproa	0.1	--	0.0	0.0	0.1
S. elongatus	0.1	--	0.0	0.0	0.1
S. entomelas	0.0	--	0.0	0.0	0.0
S. flavidus	0.0	--	0.0	0.0	0.0
S. helvomaculatus	0.0	--	0.0	0.0	0.0
S. melanops	0.0	--	0.0	0.0	0.0
S. paucispinus	0.0	--	0.0	0.0	0.0
S. pinniger	0.0	--	0.0	0.0	0.0
S. proriger	0.0	--	0.0	0.0	0.0
S. reedi	0.0	--	0.0	0.0	0.0
S. rubberimus	0.0	--	0.0	0.0	0.0
S. saxicola	0.0	--	0.0	0.0	0.0
S. zacentrus	0.0	--	0.0	0.0	0.0
S. alascanus	17.9	--	6.5	49.0	73.4
S. altivelis	10.9	--	0.0	15.4	26.3
S. chlorostictus	0.0	--	0.0	0.0	0.0
S. aleutianus	0.0	--	0.0	0.0	0.0
S. goodei	0.0	--	0.0	0.0	0.0
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	29.2	--	6.5	64.4	100.1

*Depth strata 51-80 not sampled.

Appendix Table C-397. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2A, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.1	0.1
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	1.6	1.6
<i>S. crameri</i>	--	--	--	0.1	0.1
<i>S. diploproa</i>	--	--	--	0.1	0.1
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.1	0.1
<i>S. alascanus</i>	--	--	--	140.7	140.7
<i>S. altivelis</i>	--	--	--	84.0	84.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	226.7	226.7

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-398. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2A, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	327.9	327.9
<i>S. altivelis</i>	--	--	--	231.1	231.1
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	559.0	559.0

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-399. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2A, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	242.3	242.3
<i>S. altivelis</i>	--	--	--	456.8	456.8
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	669.1	669.1

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-400. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2A, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
S. alutus	--	--	--	0.0	0.0
S. aurora	--	--	--	0.0	0.0
S. babcocki	--	--	--	0.0	0.0
S. brevispinus	--	--	--	0.0	0.0
S. borealis	--	--	--	0.0	0.0
S. crameri	--	--	--	0.0	0.0
S. diploproa	--	--	--	0.0	0.0
S. elongatus	--	--	--	0.0	0.0
S. entomelas	--	--	--	0.0	0.0
S. flavidus	--	--	--	0.0	0.0
S. helvomaculatus	--	--	--	0.0	0.0
S. melanops	--	--	--	0.0	0.0
S. paucispinus	--	--	--	0.0	0.0
S. pinniger	--	--	--	0.0	0.0
S. proriger	--	--	--	0.0	0.0
S. reedi	--	--	--	0.0	0.0
S. rubberimus	--	--	--	0.0	0.0
S. saxicola	--	--	--	0.0	0.0
S. zacentrus	--	--	--	0.0	0.0
S. alascanus	--	--	--	130.0	130.0
S. chlorostictus	--	--	--	0.0	0.0
S. aleutianus	--	--	--	0.0	0.0
S. goodei	--	--	--	0.0	0.0
S. altivelis	--	--	--	87.0	87.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	217.0	217.0

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-401. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2A, 1992.
 fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	85.3	85.3
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
<i>S. altivelis</i>	--	--	--	155.3	155.3
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	240.6	240.6

*Depth strata <50, 51-80, 81-120 not sampled.

Appendix Table C-402. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2A, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80	81-120	>120	
S. alutus	--	0.0	0.0	0.2	0.2
S. aurora	--	0.0	0.0	0.0	0.0
S. babcocki	--	0.0	0.0	0.0	0.0
S. brevispinus	--	0.0	0.0	0.0	0.0
S. borealis	--	0.0	0.0	0.0	0.0
S. crameri	--	0.0	0.0	0.0	0.0
S. diploproa	--	0.0	0.0	0.0	0.0
S. elongatus	--	0.0	0.0	0.0	0.0
S. entomelas	--	0.0	0.0	0.0	0.0
S. flavidus	--	0.0	0.0	0.0	0.0
S. helvomaculatus	--	0.0	0.0	0.0	0.0
S. melanops	--	0.0	0.0	0.0	0.0
S. paucispinus	--	0.0	0.0	0.0	0.0
S. pinniger	--	0.0	0.0	0.0	0.0
S. proriger	--	0.0	0.0	0.0	0.0
S. reedi	--	0.0	0.0	0.0	0.0
S. rubberimus	--	0.0	0.0	0.0	0.0
S. saxicola	--	0.0	0.0	0.0	0.0
S. zacentrus	--	0.0	0.0	0.2	0.2
S. alascanus	--	1.6	10.3	62.5	74.4
S. chlorostictus	--	0.0	0.0	0.0	0.0
S. aleutianus	--	0.0	0.0	0.0	0.0
S. goodei	--	0.0	0.0	0.0	0.0
S. altivelis	--	3.2	5.1	151.7	160.0
Other	--	0.0	0.0	0.0	0.0
Total mt Landed	--	4.8	15.4	214.6	234.8

*Depth strata <50 not sampled.

Appendix Table C-403. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2B, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120*	>120	
<i>S. alutus</i>	0.0	0.0	--	0.0	0.0
<i>S. aurora</i>	0.0	0.0	--	0.0	0.0
<i>S. babcocki</i>	0.0	0.0	--	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	--	0.0	0.0
<i>S. borealis</i>	0.0	0.0	--	0.0	0.0
<i>S. crameri</i>	0.0	0.0	--	0.0	0.0
<i>S. diploproa</i>	0.0	0.0	--	0.0	0.0
<i>S. elongatus</i>	0.0	0.0	--	0.0	0.0
<i>S. entomelas</i>	0.0	0.0	--	0.0	0.0
<i>S. flavidus</i>	0.0	0.0	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	0.0	--	0.0	0.0
<i>S. melanops</i>	0.0	0.0	--	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	--	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	--	0.0	0.0
<i>S. proriger</i>	0.0	0.0	--	0.0	0.0
<i>S. reedi</i>	0.0	0.0	--	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	--	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	--	0.0	0.0
<i>S. zacentrus</i>	0.0	0.0	--	0.0	0.0
<i>S. alascanus</i>	273.9	48.9	--	111.8	434.6
<i>S. altivelis</i>	43.9	0.0	--	6.2	50.1
<i>S. chlorostictus</i>	0.0	0.0	--	0.0	0.0
<i>S. aleutianus</i>	0.4	0.5	--	0.0	0.9
<i>S. goodei</i>	0.0	0.0	--	0.0	0.0
Other	0.0	0.0	--	0.0	0.0
Total mt Landed	318.2	49.4	--	118.0	485.6

*Depth strata 81-120 not sampled.

Appendix Table C-404. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2B, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.0	--	--	0.1	0.1
<i>S. aurora</i>	0.0	--	--	0.4	0.4
<i>S. babcocki</i>	0.0	--	--	0.1	0.1
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. crameri</i>	0.0	--	--	0.1	0.1
<i>S. diploproa</i>	0.1	--	--	0.0	0.1
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.0	--	--	0.0	0.0
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.0	--	--	0.0	0.0
<i>S. alascanus</i>	10.6	--	--	355.5	366.1
<i>S. altivelis</i>	2.3	--	--	152.5	154.8
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.0	--	--	0.1	0.1
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	13.0	--	--	508.8	521.8

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-405. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2B, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	0.0	--	0.0	0.1	0.1
<i>S. aurora</i>	0.0	--	0.0	0.2	0.2
<i>S. babcocki</i>	0.0	--	0.0	0.1	0.1
<i>S. brevispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. borealis</i>	0.0	--	0.0	0.0	0.0
<i>S. crameri</i>	0.0	--	0.0	0.1	0.1
<i>S. diploproa</i>	0.1	--	0.0	0.0	0.1
<i>S. elongatus</i>	0.0	--	0.0	0.1	0.1
<i>S. entomelas</i>	0.0	--	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	0.0	0.1	0.1
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	--	0.0	0.0	0.0
<i>S. proriger</i>	0.0	--	0.0	0.1	0.1
<i>S. reedi</i>	0.0	--	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	--	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	--	0.0	0.0	0.0
<i>S. zacentrus</i>	0.0	--	0.0	0.0	0.0
<i>S. alascanus</i>	39.6	--	14.3	141.5	195.4
<i>S. altivelis</i>	19.8	--	0.0	22.9	42.7
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	--	0.1	0.0	0.1
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
<i>S. wilsoni</i>	0.0	--	0.0	0.1	0.1
Other	0.0	--	0.0	0.1	0.1
Total mt Landed	59.5	--	14.4	165.4	239.3

*Depth strata 51-80 not sampled.

Appendix Table C-406. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2B, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80	81-120	>120	
<i>S. alutus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. aurora</i>	0.0	0.0	0.0	0.1	0.1
<i>S. babcocki</i>	0.0	0.0	0.0	0.0	0.0
<i>S. brevispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. borealis</i>	0.0	0.0	0.0	0.0	0.0
<i>S. crameri</i>	0.0	0.0	0.0	1.0	1.0
<i>S. diploproa</i>	0.0	0.0	0.0	0.1	0.1
<i>S. elongatus</i>	0.0	0.0	0.0	0.2	0.2
<i>S. entomelas</i>	0.0	0.0	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. helvomaculatus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. melanops</i>	0.0	0.0	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. proriger</i>	0.0	0.0	0.0	0.0	0.0
<i>S. reedi</i>	0.0	0.0	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	0.0	0.0	0.1	0.1
<i>S. zacentrus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. alascanus</i>	6.8	0.7	31.5	143.0	182.0
<i>S. altivelis</i>	2.0	0.0	0.9	106.5	109.4
<i>S. chlorostictus</i>	0.0	0.0	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	0.0	0.0	0.1	0.1
<i>S. goodei</i>	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0
Total mt Landed	8.8	0.7	32.4	251.3	293.2

Appendix Table C-407. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2B, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	0.0	0.0	0.0
<i>S. aurora</i>	--	--	0.0	0.1	0.1
<i>S. babcocki</i>	--	--	0.0	0.0	0.0
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.0	0.1	0.1
<i>S. diploproa</i>	--	--	0.0	0.0	0.0
<i>S. elongatus</i>	--	--	0.0	0.4	0.4
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.0	0.0
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.0	0.0	0.0
<i>S. alascanus</i>	--	--	3.3	186.8	190.1
<i>S. altivelis</i>	--	--	0.0	143.1	143.1
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.0	0.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	3.3	330.5	333.8

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-408. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2B, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	459.3	459.3
<i>S. altivelis</i>	--	--	--	616.6	616.6
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	1,075.9	1,075.9

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-409. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2B, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	653.5	653.5
<i>S. altivelis</i>	--	--	--	1,320.2	1,320.2
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	1,973.7	1,973.7

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-410. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2B, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	0.0	0.0	0.0
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.0	0.0	0.0
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.0	0.0	0.0
<i>S. diploproa</i>	--	--	0.0	1.5	1.5
<i>S. elongatus</i>	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.0	0.0
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.0	0.0	0.0
<i>S. alascanus</i>	--	--	0.9	851.7	852.6
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.0	0.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
<i>S. altivelis</i>	--	--	0.0	693.4	693.4
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	0.9	1,546.6	1,547.5

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-411. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2B, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
S. alutus	--	--	--	0.1	0.1
S. aurora	--	--	--	0.1	0.1
S. babcocki	--	--	--	0.0	0.0
S. brevispinus	--	--	--	0.0	0.0
S. borealis	--	--	--	0.0	0.0
S. crameri	--	--	--	0.0	0.0
S. diploproa	--	--	--	0.1	0.1
S. elongatus	--	--	--	0.0	0.0
S. entomelas	--	--	--	0.0	0.0
S. flavidus	--	--	--	0.0	0.0
S. helvomaculatus	--	--	--	0.0	0.0
S. melanops	--	--	--	0.0	0.0
S. paucispinus	--	--	--	0.0	0.0
S. pinniger	--	--	--	0.0	0.0
S. proriger	--	--	--	0.0	0.0
S. reedi	--	--	--	0.0	0.0
S. rubberimus	--	--	--	0.0	0.0
S. saxicola	--	--	--	0.0	0.0
S. zacentrus	--	--	--	0.0	0.0
S. alascanus	--	--	--	628.0	628.0
S. chlorostictus	--	--	--	0.0	0.0
S. aleutianus	--	--	--	0.0	0.0
S. goodei	--	--	--	0.0	0.0
S. altivelis	--	--	--	1,121.9	1,121.9
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	1,750.2	1,750.2

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-412. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2B, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	0.0	0.0	0.0
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.0	0.0	0.0
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.0	0.0	0.0
<i>S. diploproa</i>	--	--	0.0	1.7	1.7
<i>S. elongatus</i>	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.0	0.0
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.0	1.7	1.7
<i>S. alascanus</i>	--	--	2.2	427.9	430.1
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.0	0.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
<i>S. altivelis</i>	--	--	1.3	1,292.7	1,294.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	3.5	1,724.0	1,727.5

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-413. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2C, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120*	
S. alutus	0.0	--	--	--	0.0
S. aurora	0.0	--	--	--	0.0
S. babcocki	0.0	--	--	--	0.0
S. brevispinus	0.0	--	--	--	0.0
S. borealis	0.0	--	--	--	0.0
S. crameri	0.0	--	--	--	0.0
S. diploproa	0.0	--	--	--	0.0
S. elongatus	0.0	--	--	--	0.0
S. entomelas	0.0	--	--	--	0.0
S. flavidus	0.0	--	--	--	0.0
S. helvomaculatus	0.0	--	--	--	0.0
S. melanops	0.0	--	--	--	0.0
S. paucispinus	0.0	--	--	--	0.0
S. pinniger	0.0	--	--	--	0.0
S. proriger	0.0	--	--	--	0.0
S. reedi	0.0	--	--	--	0.0
S. rubberimus	0.0	--	--	--	0.0
S. saxicola	0.0	--	--	--	0.0
S. zacentrus	0.0	--	--	--	0.0
S. alascanus	108.0	--	--	--	108.0
S. altivelis	22.5	--	--	--	22.5
S. chlorostictus	0.0	--	--	--	0.0
S. aleutianus	0.0	--	--	--	0.0
S. goodei	0.0	--	--	--	0.0
Other	0.0	--	--	--	0.0
Total mt Landed	130.5	--	--	--	130.5

*Depth strata 51-80, 81-120 & >120 not sampled.

Appendix Table C-414. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2C, 1985.
fm fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
S. alutus	0.0	--	--	0.0	0.0
S. aurora	0.0	--	--	0.0	0.0
S. babcocki	0.0	--	--	0.0	0.0
S. brevispinus	0.0	--	--	0.0	0.0
S. borealis	0.0	--	--	0.0	0.0
S. crameri	0.0	--	--	0.0	0.0
S. diploproa	0.0	--	--	0.0	0.0
S. elongatus	0.0	--	--	0.0	0.0
S. entomelas	0.0	--	--	0.0	0.0
S. flavidus	0.0	--	--	0.0	0.0
S. helvomaculatus	0.0	--	--	0.0	0.0
S. melanops	0.0	--	--	0.0	0.0
S. paucispinus	0.0	--	--	0.0	0.0
S. pinniger	0.0	--	--	0.0	0.0
S. proriger	0.0	--	--	0.0	0.0
S. reedi	0.0	--	--	0.0	0.0
S. rubberimus	0.0	--	--	0.0	0.0
S. saxicola	0.0	--	--	0.0	0.0
S. zacentrus	0.0	--	--	0.0	0.0
S. alascanus	192.9	--	--	37.6	230.5
S. altivelis	0.0	--	--	2.0	2.0
S. chlorostictus	0.0	--	--	0.0	0.0
S. aleutianus	0.0	--	--	0.0	0.0
S. goodei	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	192.9	--	--	39.6	232.5

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-415. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2C, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.7	--	--	0.0	0.7
<i>S. aurora</i>	0.1	--	--	0.0	0.1
<i>S. babcocki</i>	0.0	--	--	0.0	0.0
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. crameri</i>	0.1	--	--	0.0	0.1
<i>S. diploproa</i>	1.1	--	--	0.1	1.2
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.3	--	--	0.0	0.3
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.6	--	--	0.0	0.6
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.4	--	--	0.0	0.4
<i>S. alascanus</i>	164.4	--	--	2.6	167.0
<i>S. altivelis</i>	0.0	--	--	0.3	0.3
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.6	--	--	0.0	0.6
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	168.3	--	--	3.0	171.3

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-416. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2C, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.0	--	--	1.4	1.4
<i>S. aurora</i>	0.0	--	--	2.2	2.2
<i>S. babcocki</i>	0.0	--	--	0.0	0.0
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. crameri</i>	0.0	--	--	0.3	0.3
<i>S. diploproa</i>	0.1	--	--	0.3	0.4
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	--	0.1	0.1
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.0	--	--	0.0	0.0
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.0	--	--	0.0	0.0
<i>S. alascanus</i>	92.7	--	--	81.4	174.1
<i>S. altivelis</i>	0.0	--	--	1.1	1.1
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.0	--	--	0.0	0.0
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	92.8	--	--	86.8	179.6

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-417. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2C, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
S. alutus	0.0	--	0.1	0.0	0.1
S. aurora	0.0	--	0.0	0.0	0.0
S. babcocki	0.0	--	0.0	0.0	0.0
S. brevispinus	0.0	--	0.0	0.0	0.0
S. borealis	0.0	--	0.0	0.0	0.0
S. crameri	0.0	--	0.0	0.1	0.1
S. diploproa	0.3	--	0.0	0.0	0.3
S. elongatus	0.0	--	0.0	0.0	0.0
S. entomelas	0.0	--	0.0	0.0	0.0
S. flavidus	0.0	--	0.0	0.0	0.0
S. helvomaculatus	0.0	--	0.0	0.0	0.0
S. melanops	0.0	--	0.0	0.0	0.0
S. paucispinus	0.0	--	0.0	0.0	0.0
S. pinniger	0.0	--	0.0	0.0	0.0
S. proriger	0.0	--	0.0	0.0	0.0
S. reedi	0.0	--	0.0	0.0	0.0
S. rubberimus	0.0	--	0.0	0.0	0.0
S. saxicola	0.0	--	0.0	0.0	0.0
S. zacentrus	0.0	--	0.0	0.0	0.0
S. alascanus	138.6	--	4.9	33.9	177.4
S. altivelis	0.0	--	0.0	0.4	0.4
S. chlorostictus	0.0	--	0.0	0.0	0.0
S. aleutianus	0.0	--	0.0	0.0	0.0
S. goodei	0.0	--	0.0	0.0	0.0
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	138.9	--	5.0	34.4	178.3

*Depth strata 51-80 not sampled.

Appendix Table C-418. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2C, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.0	--	--	0.0	0.0
<i>S. aurora</i>	0.0	--	--	0.0	0.0
<i>S. babcocki</i>	0.0	--	--	0.0	0.0
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. crameri</i>	0.0	--	--	0.0	0.0
<i>S. diploproa</i>	0.0	--	--	0.0	0.0
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.0	--	--	0.0	0.0
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.0	--	--	0.0	0.0
<i>S. alascanus</i>	147.6	--	--	251.9	399.5
<i>S. altivelis</i>	0.0	--	--	23.4	23.4
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.0	--	--	0.0	0.0
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	147.6	--	--	275.3	422.9

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-419. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2C, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.0	--	--	0.0	0.0
<i>S. aurora</i>	0.0	--	--	0.0	0.0
<i>S. babcocki</i>	0.0	--	--	0.0	0.0
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. crameri</i>	0.0	--	--	0.0	0.0
<i>S. diploproa</i>	0.0	--	--	0.0	0.0
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.0	--	--	0.0	0.0
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.0	--	--	0.0	0.0
<i>S. alascanus</i>	100.7	--	--	233.9	334.6
<i>S. altivelis</i>	9.5	--	--	835.7	845.2
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.0	--	--	0.0	0.0
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	110.2	--	--	1,069.6	1,179.8

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-420. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2C, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	1.1	1.1
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	590.0	590.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
<i>S. altivelis</i>	--	--	--	487.4	487.4
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	1,078.5	1,078.5

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-421. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2C, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	459.6	459.6
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
<i>S. altivelis</i>	--	--	--	673.9	673.9
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	1,133.5	1,133.5

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-422. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 2C, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	1.0	1.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	559.2	559.2
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
<i>S. altivelis</i>	--	--	--	410.6	410.6
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	970.8	970.8

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-423. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3A, 1984.
 fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.8	--	--	0.2	1.0
<i>S. aurora</i>	0.0	--	--	0.0	0.0
<i>S. babcocki</i>	0.2	--	--	0.2	0.4
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.8	--	--	0.0	0.8
<i>S. crameri</i>	0.8	--	--	0.1	0.9
<i>S. diploproa</i>	0.0	--	--	0.1	0.1
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.8	0.8
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.4	0.4
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.0	--	--	0.1	0.1
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.0	--	--	0.0	0.0
<i>S. alascanus</i>	37.0	--	--	1.9	38.9
<i>S. altivelis</i>	51.2	--	--	0.0	51.2
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	1.2	--	--	0.2	1.4
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	92.0	--	--	4.0	96.0

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-424. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3A, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120	>120	
<i>S. alutus</i>	0.1	--	0.0	1.5	1.6
<i>S. aurora</i>	0.0	--	0.0	0.0	0.0
<i>S. babcocki</i>	0.1	--	0.0	1.1	1.2
<i>S. brevispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. borealis</i>	0.0	--	0.0	0.0	0.0
<i>S. crameri</i>	0.0	--	0.0	0.2	0.2
<i>S. diploproa</i>	0.0	--	0.0	0.0	0.0
<i>S. elongatus</i>	0.0	--	0.0	0.0	0.0
<i>S. entomelas</i>	0.0	--	0.0	0.0	0.0
<i>S. flavidus</i>	0.0	--	0.0	0.2	0.2
<i>S. helvomaculatus</i>	0.0	--	0.0	0.2	0.2
<i>S. melanops</i>	0.0	--	0.0	0.0	0.0
<i>S. paucispinus</i>	0.0	--	0.0	0.0	0.0
<i>S. pinniger</i>	0.0	--	0.0	0.0	0.0
<i>S. proriger</i>	0.1	--	0.0	0.3	0.4
<i>S. reedi</i>	0.0	--	0.0	0.0	0.0
<i>S. rubberimus</i>	0.0	--	0.0	0.0	0.0
<i>S. saxicola</i>	0.0	--	0.0	0.0	0.0
<i>S. zacentrus</i>	0.1	--	0.0	0.4	0.5
<i>S. alascanus</i>	5.4	--	6.1	75.8	87.3
<i>S. altivelis</i>	0.0	--	0.0	1.5	1.5
<i>S. chlorostictus</i>	0.0	--	0.0	0.0	0.0
<i>S. aleutianus</i>	0.0	--	0.0	0.4	0.4
<i>S. goodei</i>	0.0	--	0.0	0.0	0.0
Other	0.0	--	0.0	0.0	0.0
Total mt Landed	5.8	--	6.1	81.6	93.5

*Depth strata 51-80 not sampled.

Appendix Table C-425. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3A, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.0	--	--	0.0	0.0
<i>S. aurora</i>	0.0	--	--	0.1	0.1
<i>S. babcocki</i>	0.0	--	--	0.0	0.0
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. crameri</i>	0.0	--	--	0.1	0.1
<i>S. diploproa</i>	0.0	--	--	0.0	0.0
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.0	--	--	0.0	0.0
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.0	--	--	0.0	0.0
<i>S. alascanus</i>	22.9	--	--	66.4	89.3
<i>S. altivelis</i>	0.0	--	--	0.0	0.0
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	1.0	--	--	0.0	1.0
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	23.9	--	--	66.6	90.5

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-426. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3A, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.0	--	--	0.0	0.0
<i>S. aurora</i>	0.0	--	--	0.0	0.0
<i>S. babcocki</i>	0.0	--	--	0.0	0.0
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. crameri</i>	0.0	--	--	0.0	0.0
<i>S. diploproa</i>	0.0	--	--	0.0	0.0
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.0	--	--	0.0	0.0
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.0	--	--	0.0	0.0
<i>S. alascanus</i>	21.2	--	--	58.5	79.7
<i>S. altivelis</i>	0.0	--	--	0.0	0.0
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.0	--	--	0.0	0.0
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	21.2	--	--	58.5	79.7

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-427. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3A, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.3	0.3
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.1	0.1
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	174.0	174.0
<i>S. altivelis</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	1.2	1.2
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	175.6	175.6

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-428. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3A, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. cramerii</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.8	0.8
<i>S. alascanus</i>	--	--	--	244.7	244.7
<i>S. altivelis</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.8	0.8
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	246.3	246.3

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-429. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3A, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	0.0	0.0	0.0
<i>S. aurora</i>	--	--	0.0	0.1	0.1
<i>S. babcocki</i>	--	--	0.0	0.0	0.0
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.0	0.0	0.0
<i>S. diploproa</i>	--	--	0.0	0.0	0.0
<i>S. elongatus</i>	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.3	0.3
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.0	0.0
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.0	0.0	0.0
<i>S. alascanus</i>	--	--	6.3	225.4	231.7
<i>S. altivelis</i>	--	--	0.5	29.7	30.2
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.5	0.5
<i>S. goodei</i>	--	--	0.0	0.0	0.0
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	6.8	225.0	262.8

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-430. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3A, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	0.0	0.0	0.0
<i>S. aurora</i>	--	--	0.0	0.3	0.3
<i>S. babcocki</i>	--	--	0.0	0.0	0.0
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.0	0.3	0.3
<i>S. diploproa</i>	--	--	0.0	0.0	0.0
<i>S. elongatus</i>	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.6	0.6
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.0	0.0
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.0	0.0	0.0
<i>S. alascanus</i>	--	--	4.3	211.1	215.4
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.0	0.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
<i>S. altivelis</i>	--	--	0.0	85.9	85.9
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	4.3	298.2	302.5

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-431. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3A, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	0.0	0.1	0.1
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.0	0.0	0.0
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.0	0.1	0.1
<i>S. diploproa</i>	--	--	0.0	0.0	0.0
<i>S. elongatus</i>	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.0	0.0
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.0	0.0	0.0
<i>S. alascanus</i>	--	--	0.6	265.0	265.6
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.0	0.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
<i>S. altivelis</i>	--	--	0.0	293.7	293.7
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	0.6	558.9	559.5

*Depth strata <50 & 51-80 not sampled.

Appendix Table C-432. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3A, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.6	0.6
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.6	0.6
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	193.5	193.5
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
<i>S. altivelis</i>	--	--	--	410.0	410.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	604.7	604.7

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-433. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3B, 1984.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.0	--	--	0.1	0.1
<i>S. aurora</i>	0.0	--	--	0.0	0.0
<i>S. babcocki</i>	0.0	--	--	0.0	0.0
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. crameri</i>	0.0	--	--	0.0	0.0
<i>S. diploproa</i>	0.0	--	--	0.1	0.1
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.0	--	--	0.0	0.0
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.0	--	--	0.0	0.0
<i>S. alascanus</i>	0.0	--	--	5.8	5.8
<i>S. altivelis</i>	26.3	--	--	0.0	26.3
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.0	--	--	0.0	0.0
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	26.3	--	--	6.0	32.3

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-434. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3B, 1985.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.1	--	--	6.8	6.9
<i>S. aurora</i>	0.0	--	--	0.0	0.0
<i>S. babcocki</i>	0.1	--	--	0.0	0.1
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.3	0.3
<i>S. crameri</i>	0.0	--	--	0.1	0.1
<i>S. diploproa</i>	0.0	--	--	0.0	0.0
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.1	--	--	0.0	0.1
<i>S. helvomaculatus</i>	0.1	--	--	0.0	0.1
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.1	--	--	0.0	0.1
<i>S. reedi</i>	0.0	--	--	0.0	0.0
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.1	--	--	0.0	0.1
<i>S. alascanus</i>	4.1	--	--	52.2	56.3
<i>S. altivelis</i>	0.0	--	--	0.0	0.0
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.0	--	--	0.2	0.2
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	4.7	--	--	59.6	64.3

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-435. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3B, 1986.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.0	--	--	0.0	0.0
<i>S. aurora</i>	0.1	--	--	0.0	0.1
<i>S. babcocki</i>	0.0	--	--	0.0	0.0
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	0.0	0.0
<i>S. crameri</i>	0.1	--	--	0.0	0.1
<i>S. diploproa</i>	0.0	--	--	0.0	0.0
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.0	--	--	0.0	0.0
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.0	--	--	0.0	0.0
<i>S. alascanus</i>	15.7	--	--	37.7	53.4
<i>S. altivelis</i>	0.0	--	--	0.0	0.0
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.3	--	--	0.0	0.3
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	16.2	--	--	37.7	53.9

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-436. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3B, 1987.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50	51-80*	81-120*	>120	
<i>S. alutus</i>	0.0	--	--	0.2	0.2
<i>S. aurora</i>	0.0	--	--	0.6	0.6
<i>S. babcocki</i>	0.0	--	--	0.0	0.0
<i>S. brevispinus</i>	0.0	--	--	0.0	0.0
<i>S. borealis</i>	0.0	--	--	6.4	6.4
<i>S. crameri</i>	0.0	--	--	0.0	0.0
<i>S. diploproa</i>	0.0	--	--	0.0	0.0
<i>S. elongatus</i>	0.0	--	--	0.0	0.0
<i>S. entomelas</i>	0.0	--	--	0.0	0.0
<i>S. flavidus</i>	0.0	--	--	0.0	0.0
<i>S. helvomaculatus</i>	0.0	--	--	0.0	0.0
<i>S. melanops</i>	0.0	--	--	0.0	0.0
<i>S. paucispinus</i>	0.0	--	--	0.0	0.0
<i>S. pinniger</i>	0.0	--	--	0.0	0.0
<i>S. proriger</i>	0.0	--	--	0.0	0.0
<i>S. reedi</i>	0.0	--	--	0.0	0.0
<i>S. rubberimus</i>	0.0	--	--	0.0	0.0
<i>S. saxicola</i>	0.0	--	--	0.0	0.0
<i>S. zacentrus</i>	0.0	--	--	0.1	0.1
<i>S. alascanus</i>	13.9	--	--	29.1	43.0
<i>S. altivelis</i>	0.0	--	--	0.0	0.0
<i>S. chlorostictus</i>	0.0	--	--	0.0	0.0
<i>S. aleutianus</i>	0.0	--	--	0.4	0.4
<i>S. goodei</i>	0.0	--	--	0.0	0.0
Other	0.0	--	--	0.0	0.0
Total mt Landed	13.9	--	--	36.8	50.7

*Depth strata 51-80 & 81-120 not sampled.

Appendix Table C-437. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3B, 1988.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.1	0.1
<i>S. alascanus</i>	--	--	--	57.8	57.8
<i>S. altivelis</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	57.9	57.9

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-438. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3B, 1989.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	128.1	128.1
<i>S. altivelis</i>	--	--	--	0.0	0.0
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	128.1	128.1

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-439. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3B, 1990.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.7	0.7
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	144.8	144.8
<i>S. altivelis</i>	--	--	--	0.9	0.9
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	146.4	146.4

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-440. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3B, 1991.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.3	0.3
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.0	0.0
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.3	0.3
<i>S. alascanus</i>	--	--	--	291.9	291.9
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
<i>S. altivelis</i>	--	--	--	21.4	21.4
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	313.9	313.9

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-441. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3B, 1992.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120*	>120	
<i>S. alutus</i>	--	--	--	0.0	0.0
<i>S. aurora</i>	--	--	--	0.0	0.0
<i>S. babcocki</i>	--	--	--	0.0	0.0
<i>S. brevispinus</i>	--	--	--	0.0	0.0
<i>S. borealis</i>	--	--	--	0.1	0.1
<i>S. crameri</i>	--	--	--	0.0	0.0
<i>S. diploproa</i>	--	--	--	0.0	0.0
<i>S. elongatus</i>	--	--	--	0.0	0.0
<i>S. entomelas</i>	--	--	--	0.0	0.0
<i>S. flavidus</i>	--	--	--	0.0	0.0
<i>S. helvomaculatus</i>	--	--	--	0.0	0.0
<i>S. melanops</i>	--	--	--	0.0	0.0
<i>S. paucispinus</i>	--	--	--	0.0	0.0
<i>S. pinniger</i>	--	--	--	0.0	0.0
<i>S. proriger</i>	--	--	--	0.0	0.0
<i>S. reedi</i>	--	--	--	0.0	0.0
<i>S. rubberimus</i>	--	--	--	0.0	0.0
<i>S. saxicola</i>	--	--	--	0.0	0.0
<i>S. zacentrus</i>	--	--	--	0.0	0.0
<i>S. alascanus</i>	--	--	--	258.3	258.3
<i>S. chlorostictus</i>	--	--	--	0.0	0.0
<i>S. aleutianus</i>	--	--	--	0.0	0.0
<i>S. goodei</i>	--	--	--	0.0	0.0
<i>S. altivelis</i>	--	--	--	319.9	319.9
Other	--	--	--	0.0	0.0
Total mt Landed	--	--	--	578.3	578.3

*Depth strata <50, 51-80 & 81-120 not sampled.

Appendix Table C-442. Species composition of category 468 (thorny-head rockfish) landings (mt) by depth strata, PMFC area 3B, 1993.

fm = fathoms

Species	Depth Strata (fm)				Total
	<50*	51-80*	81-120	>120	
<i>S. alutus</i>	--	--	0.0	0.0	0.0
<i>S. aurora</i>	--	--	0.0	0.0	0.0
<i>S. babcocki</i>	--	--	0.0	0.0	0.0
<i>S. brevispinus</i>	--	--	0.0	0.0	0.0
<i>S. borealis</i>	--	--	0.0	0.0	0.0
<i>S. crameri</i>	--	--	0.0	0.9	0.9
<i>S. diploproa</i>	--	--	0.0	0.9	0.9
<i>S. elongatus</i>	--	--	0.0	0.0	0.0
<i>S. entomelas</i>	--	--	0.0	0.0	0.0
<i>S. flavidus</i>	--	--	0.0	0.0	0.0
<i>S. helvomaculatus</i>	--	--	0.0	0.0	0.0
<i>S. melanops</i>	--	--	0.0	0.0	0.0
<i>S. paucispinus</i>	--	--	0.0	0.0	0.0
<i>S. pinniger</i>	--	--	0.0	0.0	0.0
<i>S. proriger</i>	--	--	0.0	0.0	0.0
<i>S. reedi</i>	--	--	0.0	0.0	0.0
<i>S. rubberimus</i>	--	--	0.0	0.0	0.0
<i>S. saxicola</i>	--	--	0.0	0.0	0.0
<i>S. zacentrus</i>	--	--	0.0	0.0	0.0
<i>S. alascanus</i>	--	--	0.1	333.9	334.0
<i>S. chlorostictus</i>	--	--	0.0	0.0	0.0
<i>S. aleutianus</i>	--	--	0.0	0.0	0.0
<i>S. goodei</i>	--	--	0.0	0.0	0.0
<i>S. altivelis</i>	--	--	0.0	552.6	552.6
Other	--	--	0.0	0.0	0.0
Total mt Landed	--	--	0.1	888.3	888.4

*Depth strata <50 & 51-80 not sampled.