

**Developmental Fisheries Program
Annual Report of Activities**

**Prepared for Oregon Fish and Wildlife Commission
November 3, 2006 Portland, Oregon**

Introduction

This report constitutes the annual review of the Developmental Fisheries Program for 2006. The Developmental Fisheries Program and Developmental Fisheries Board were created by the 1993 Legislature to make recommendations to the Fish and Wildlife Commission on developmental fisheries. State policy requires the Commission to institute a management system for developmental fishery resources that addresses both long term commercial and biological values and that protects the long term sustainability of those resources through planned commercial development when appropriate (ORS 506.455).

Report of Developmental Fisheries Activities:

Removal of Developmental Species

After an extensive public process two species groups were removed from the developmental species list. In November 2005 bay clams (butter clams, cockle clams, gaper clams, littleneck clams, and softshell clams) were removed and in December 2005 Pacific sardines were removed from the list. A limited entry system was developed for both species and implemented for 2006 fisheries.

Table 1 is a current list of developmental species and species that require permits for harvest are listed in Category A.

Permits

Table 2 lists the current number of permits issued and available in 2006. ODFW staff issued 49 permits for the harvest of developmental fisheries species through September 2006. Currently no permits are available for spot prawns, coonstriped shrimp/sidestripe shrimp and flat abalone. In the past 5 years all available permits for spot prawns and abalone have been issued each year. Eight spot prawn permits were issued through a lottery. Of the 83 permits issued in 2005, 8 were renewed for 2006. The main reason for the reduction of permits from 2005 to 2006 was the removal of Pacific sardines (20 permits) and bay clams (15 permits) from the Developmental Fisheries list.

Landings

Landings of developmental fisheries species through September 2006 are summarized in Table 1. Compared to 2005 similar harvest levels have occurred and the majority of the landings of developmental species were taken as incidental catch in other fisheries, with the exception of hagfish.

Budget

Fund totals from developmental fishery landing tax revenues were dramatically reduced in 2006 due to the removal of Pacific sardines and bay clams. In the past these fisheries contributed approximately 30% of all funds to the budget. The landing fees for species in all categories have generated approximately \$13,357 into the developmental fisheries fund for 2006 (through September).

Research

Spot Prawns

Staff collected logbooks and samples of spot prawns from the commercial harvest that will be analyzed for size, sex, and maturity.

Abalone

Staff collected logbooks and samples of flat abalone from the commercial harvest that will be analyzed for size, and sex. Also, some genetic samples have been taken for future analyses.

Pacific Fishery Management Council Activity

Over the past six years, staff has participated in development of the Pacific Fishery Management Council's (Council) fishery management plan for highly migratory species (which includes tunas, sharks, and billfish). The plan was adopted by the Council in 2002 and approved by NMFS in February, 2004, but not fully implemented until spring of 2005. The only major change for Oregon fisheries are requirements of permits and logbooks. Staff continues to participate in management team meetings to represent Oregon fisheries.

Staff also participated in Coastal Pelagic Species Management Team meetings to prepare the 2006 stock assessment and fishery evaluation document for coastal pelagic species (sardine, mackerel, anchovies, and squid). The Council implemented a new allocation system for the 2006 coast-wide sardine harvest guideline which provided significant benefit to the Oregon fishery.

Table 1. 2006 landings of developmental fisheries species, by category, through September 29.

Category A	Pounds	Category B	Pounds	Category C	Pounds
Pacific hagfish	553,617	black hagfish	0	spiny dogfish	19,369
blue shark	532	salmon shark	0	soupin shark	1,996
swordfish	-	smelt	7,290	skate	1,176,822
northern anchovy	9,280	carp	68	American shad	88,014
Pacific herring	21,593	northern squawfish	0	Pacific cod	374,408
box crab	87	brown bullhead	0	Pacific flatnose	0
Oregon hair crab	0	eelpouts	0	Pacific grenadier	63,084
scarlet king crab	0	Pacific saury	0	jack mackerel &	
grooved tanner crab	0	yellow perch	0	Pacific mackerel	666,159
spot prawn	3,500	Pacific pomfret	2	redstripe rockfish	
coonstriped shrimp	8	Pacific sandfish	0	greenstriped	
sidestripe shrimp	0	skilfish	0	rockfish	
flat abalone	2,699	slender sole	1	shortbelly rockfish	
giant octopus	6,192	Pacific sand crab	0	sharpchin rockfish	
marine snails	0	freshwater mussels	0	splitnose rockfish	
		squid	7,253	Pacific sanddab	435,008
		fragile urchin	0	butter sole	0
		sea cucumber	0	English sole	718,685
				rex sole	556,907
				rock sole	4,575
				sand sole	55,242
				lemon sole	532
				spotted ratfish	17
				wolf-eel	1,425
				walleye pollock	2
				red rock crab	2,120
				purple sea urchins	0
				crayfish	64,358
				total	4,870,528

Table 2. 2006 Developmental Fishery Permits as of September 29.

	Permits Allowed	Permits Issued	Renewals from 2005
Pacific hagfish	25	7	4
blue shark	10	0	
swordfish	10 other (gillnet)	0	
	20 longline	0	
northern anchovy & Pacific herring	15	9	
box crab	25	2	
Oregon hair crab & scarlet king crab & tanner crab	10	3	
spot prawns	10 pot	10*	2
coonstriped shrimp & sidestripe shrimp	10	10*	1
Giant octopus	10	6	
marine snails	10	1	
flat abalone	1	1*	1

total 49 8

* all available permits issued