

# Supplemental Dungeness Crab Fishery Information for the DCTF

October 21, 2009 — CDFG Marine Invert Project



# Regional Landings

## How did we assign vessels to regions?

- All non-resident permits are "non-resident vessels"
- Resident permits use the following:
- If home port (HP) is not given, use 2008 DCTF declared/assigned homeport or #N/A
- If vessel is resident but HP is listed as out-of-state, region is "non-resident vessel"
- If HP code is less than 300 (and resident), region is "northern vessel"
- If HP code is greater than 300 (and resident), region is "District 10 vessel"
- If #N/A, search next permit year for information, if none found leave #N/A

		DCTF Home Port	Hope port as others
Vessel Region	Landing Region	2008-09	2008-09
District 10 vessel	District 10 landings	889,682	882,070
	Northern landings	245,895	310,420
Non-resident vessel	District 10 landings	89,876	98,766
	Northern landings	300,609	369,103
Northern vessel	District 10 landings	100,644	99,365
	Northern landings	4,535,585	4,402,566
#N/A	District 10 landings	11,267	11,267
	Northern landings	5,083	5,083
<b>District 10 Regional Total</b>		1,091,469	1,091,469
<b>Northern area Regional Total</b>		5,087,172	5,087,172
Vessel Region	Landing Region	% of Regional Total	
District 10 vessel	District 10 landings	81.5%	80.8%
	Northern landings	4.8%	6.1%
Non-resident vessel	District 10 landings	8.2%	9.0%
	Northern landings	5.9%	7.3%
Northern vessel	District 10 landings	9.2%	9.1%
	Northern landings	89.2%	86.5%
#N/A	District 10 landings	1.0%	1.0%
	Northern landings	0.1%	0.1%

# Regional Landings 1999/00 to 2003/04

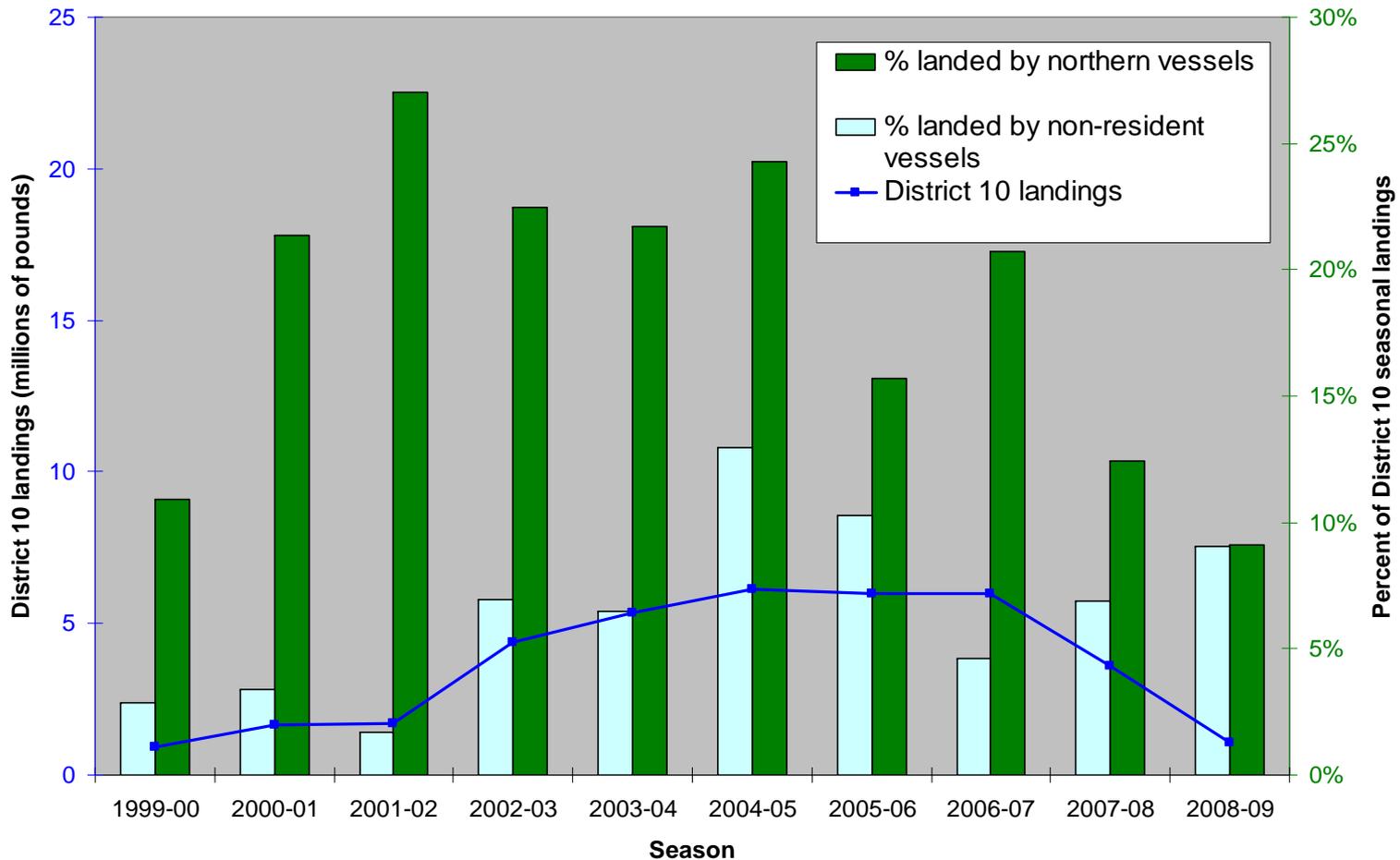
Vessel Region	Landing Region	1999-00	2000-01	2001-02	2002-03	2003-04
District 10 vessel	District 10 landings	761,743	1,171,549	1,218,695	2,986,357	3,786,130
	Northern landings	806,879	330,101	97,708	793,586	1,105,248
Non-resident vessel	District 10 landings	27,013	56,217	29,117	304,253	345,519
	Northern landings	852,933	401,897	228,258	1,039,909	2,698,064
Northern vessel	District 10 landings	103,212	357,288	464,260	980,521	1,160,939
	Northern landings	5,940,671	3,186,859	1,545,614	7,652,460	12,116,547
#N/A	District 10 landings	54,027	89,610	7,343	92,245	56,826
	Northern landings	240,827	105,819	26,413	7,544	5,442
	<b>District 10 Regional Total</b>	945,995	1,674,664	1,719,416	4,363,375	5,349,415
	<b>Northern area Regional Total</b>	7,841,311	4,024,677	1,897,992	9,493,499	15,925,301
Vessel Region	Landing Region	% of Regional Total				
District 10 vessel	District 10 landings	80.5%	70.0%	70.9%	68.4%	70.8%
	Northern landings	10.3%	8.2%	5.1%	8.4%	6.9%
Non-resident vessel	District 10 landings	2.9%	3.4%	1.7%	7.0%	6.5%
	Northern landings	10.9%	10.0%	12.0%	11.0%	16.9%
Northern vessel	District 10 landings	10.9%	21.3%	27.0%	22.5%	21.7%
	Northern landings	75.8%	79.2%	81.4%	80.6%	76.1%
#N/A	District 10 landings	5.7%	5.4%	0.4%	2.1%	1.1%
	Northern landings	3.1%	2.6%	1.4%	0.1%	0.0%

# Regional Landings 2004/05 to 2008/09

Vessel Region	Landing Region	2004-05	2005-06	2006-07	2007-08	2008-09	
District 10 vessel	District 10 landings	3,810,713	4,391,249	4,267,615	2,883,639	882,070	
	Northern landings	985,113	942,168	432,057	202,051	310,420	
Non-resident vessel	District 10 landings	792,486	613,795	276,831	245,382	98,766	
	Northern landings	2,599,721	3,017,175	1,000,328	508,076	369,103	
Northern vessel	District 10 landings	1,486,679	939,113	1,236,713	444,829	99,365	
	Northern landings	15,474,637	13,751,868	6,090,771	4,092,169	4,402,566	
#N/A	District 10 landings	26,258	40,735	193,521	1,538	11,267	
	Northern landings	1,904	51,969	10,673	0	5,083	
	<b>District 10 Regional Total</b>	6,116,137	5,984,892	5,974,679	3,575,389	1,091,469	
	<b>Northern area Regional Total</b>	19,061,375	17,763,180	7,533,829	4,802,296	5,087,172	
Vessel Region	Landing Region						% of
District 10 vessel	District 10 landings	62.3%	73.4%	71.4%	80.7%	80.8%	
	Northern landings	5.2%	5.3%	5.7%	4.2%	6.1%	
Non-resident vessel	District 10 landings	13.0%	10.3%	4.6%	6.9%	9.0%	
	Northern landings	13.6%	17.0%	13.3%	10.6%	7.3%	
Northern vessel	District 10 landings	24.3%	15.7%	20.7%	12.4%	9.1%	
	Northern landings	81.2%	77.4%	80.8%	85.2%	86.5%	
#N/A	District 10 landings	0.4%	0.7%	3.2%	0.0%	1.0%	
	Northern landings	0.0%	0.3%	0.1%	0.0%	0.1%	

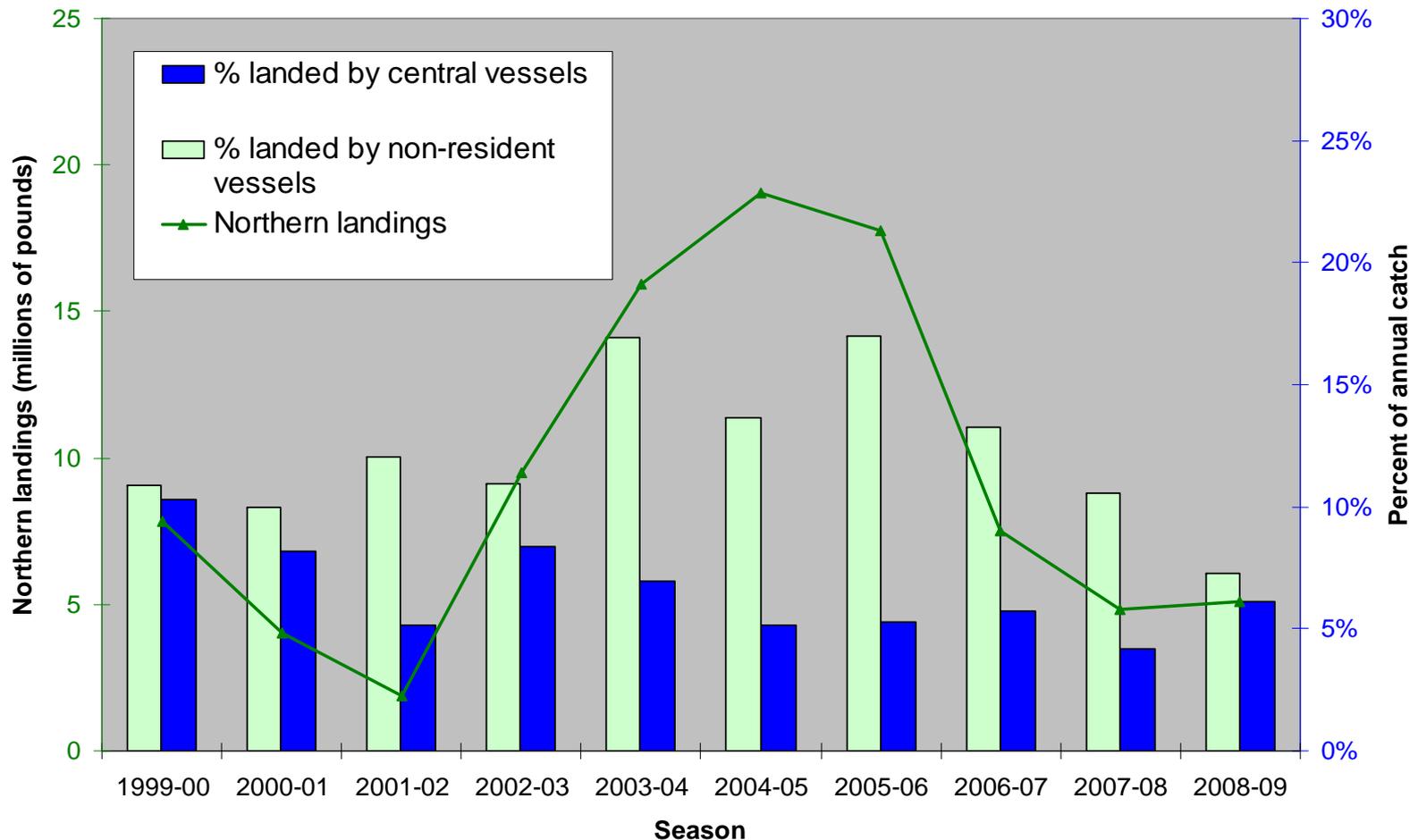
# Regional Landings

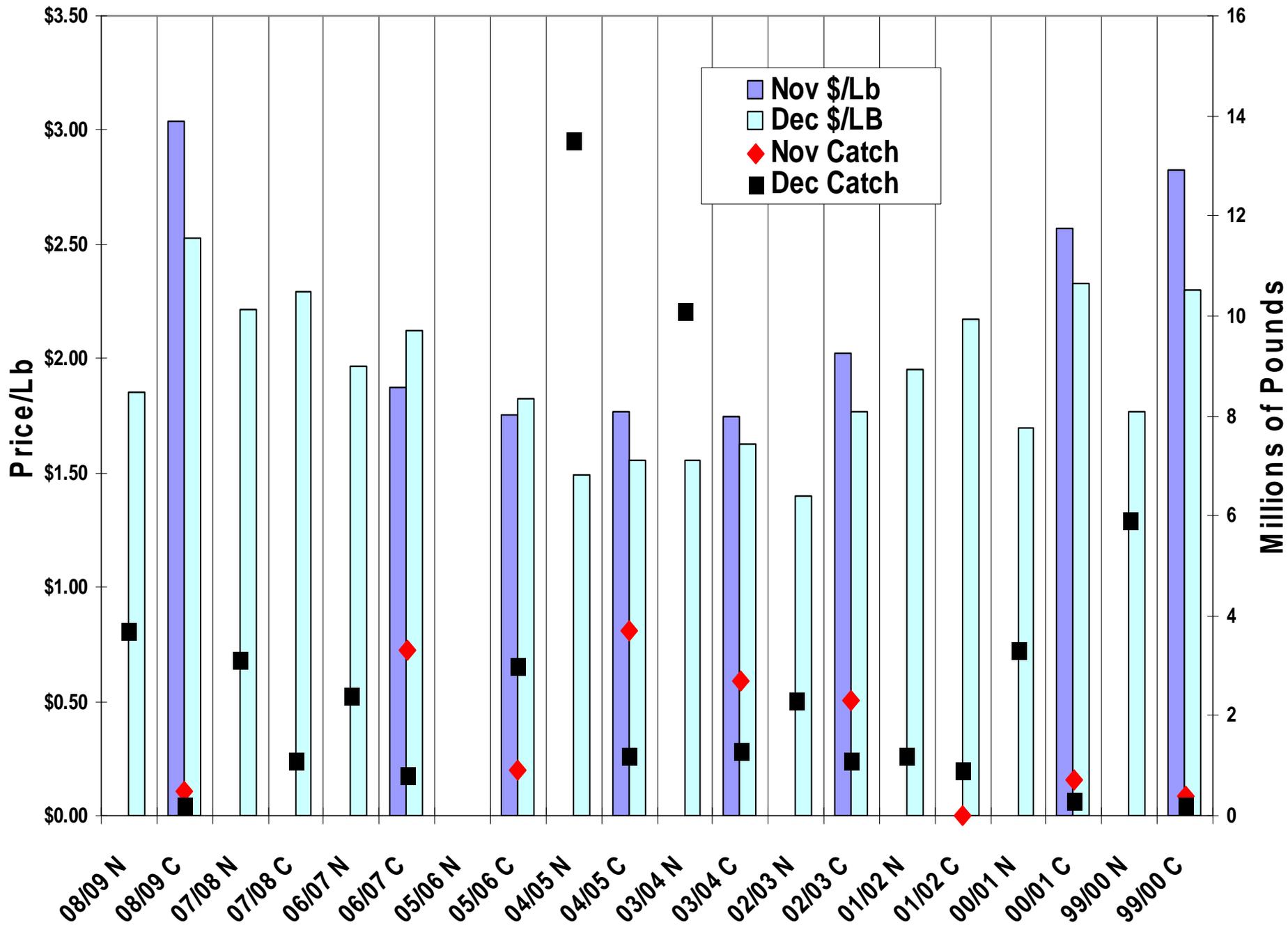
Proportion of District 10 landings taken by non-District 10 vessels



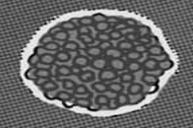
# Regional Landings

Proportion of northern landings taken by non-northern vessels



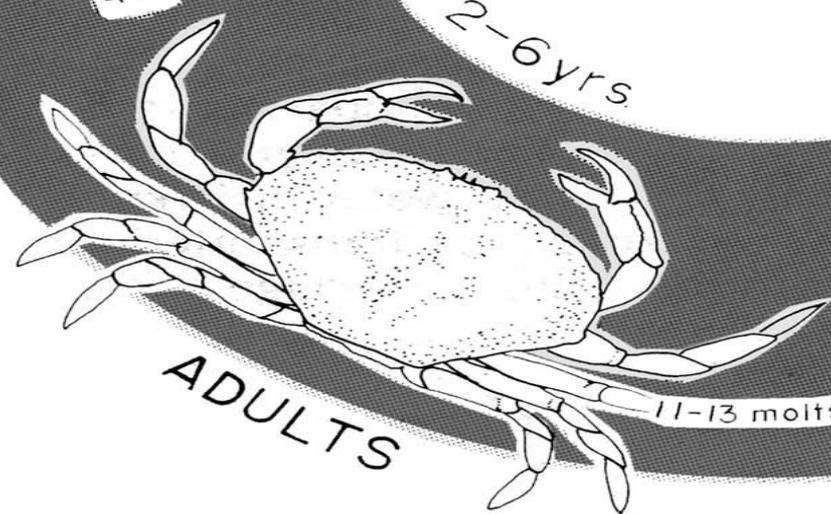


EGG SPAWNING



Egg Brooding

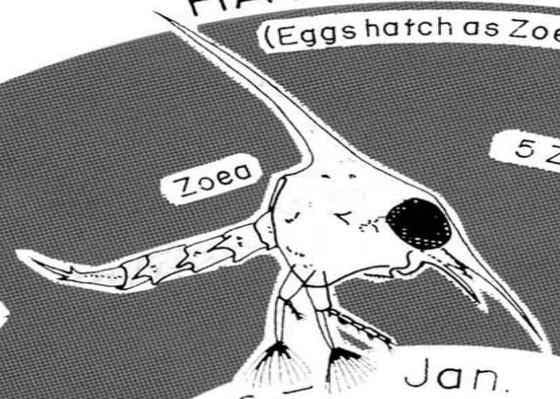
Molt and Mate  
once per year  
♂ ♀



ADULTS

HATCHING

(Eggs hatch as Zoeae)

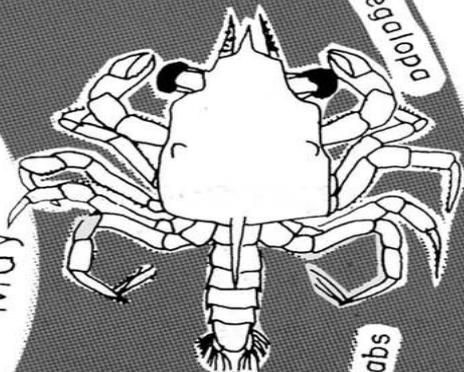


Zoea

Dec. - Jan.

5 Zoeal stages, 1 Megalopa stage

LARVAL STAGES



Megalopa

Jan. - May

Megalopae molt to juvenile crabs

Apr. - May

1-2 yrs.



JUVENILES

11-13 molts to adult stage

2-6 yrs

LIFE CYCLE