

Summary of Sea Lice Data Collected on Pacific Salmon Farms

KEY

Mobile ~ Lepeophtheirus sp (pre adult and adult stages)
Gravid ~ Gravid adult female Lepeophtheirus sp (adult female)
Caligus ~ sp. (pre adult and adult)

Yearclass 1 ~ For salmon 1 year or less in seawater.
Yearclass 2 ~ For Salmon 1 year or more in seawater.

Pacific Salmon Sea Lice Abundances

Yearclass 1				
ZONE 2	Mobile	Gravid	Caligus	n
2003 (4)	0.35	0.06	0.00	5
std error	0.22	0.06	0.00	
2004 (1)	0.20	0.02	0.00	6
std error	0.08	0.02	0.00	
2004 (2)	0.03	0.00	0.01	6
std error	0.02	0.00	0.01	
2004 (3)	0.90	0.30	0.00	4
std error	0.80	0.30	0.00	
std error				

Yearclass 2				
ZONE 2	Mobile	Gravid	Caligus	n
2003 (4)	2.10	0.92	0.00	4
std error	1.13	0.54	0.00	
2004 (1)	0.20	0.00	0.00	1
std error				
2004 (2)	0.00	0.03	0.00	1
std error				
2004 (3)	0.37	0.10	0.00	3
std error	0.37	0.10	0.00	
std error				

Yearclass 1				
ZONE 3	Mobile	Gravid	Caligus	n
2003 (4)	2.32	0.19	0.00	6
std error	0.94	0.10	0.00	
2004 (1)	0.71	0.03	0.02	6
std error	0.35	0.03	0.02	
2004 (2)	0.88	0.16	0.00	6
std error	0.53	0.11	0.00	
2004 (3)	0.40	0.3	0.00	3
std error	0.21	0.03	0.00	
std error				

Yearclass 2				
ZONE 3	Mobile	Gravid	Caligus	n
2003 (4)	5.34	1.32	0.00	5
std error	1.92	0.87	0.00	
2004 (1)	1.56	0.47	0.00	6
std error	0.43	0.29	0.00	
2004 (2)	0.47	0.39	0.00	5
std error	0.31	0.32	0.00	
2004 (3)	1.32	0.52	0.00	5
std error	0.62	0.24	0.00	
std error				

() - total number of site counts for months where two counts have been requested.

*** Reasons for missing site lice counts**

- Site is fallow
- Site is harvesting and < 3 pens left on site
- Smolt entry and < 3 pens on site, or <1 month since third smolt pen entered

- Fish being treated for sea lice
- *Fish being treated/ managed for other fish health problem
- Fish could not be handled due to environmental concerns, e.g. low DO

