

Table 1. Abundance of killer whales in 1987.  $n/L$  - encounter rate, no. of sightings  $\text{nm}^{-1}$ ;  $E(s)$  - expected cluster size;  $esw$  - effective strip half-width (m);  $f(0)$  - probability density of the detection function at distance 0;  $D$  - density, no.  $\text{nm}^{-2}$ ;  $N_s$  - abundance, uncorrected for perception bias.

Block	$n$	$n/L$	CV	$E(s)$	CV	$esw$	$f(0)$	CV	$D$	$N_s$	CV	LCL	UCL
1	0												
2	0												
7	0												
8	3	3.17E-03	0.53	13.7	0.23	884	1.13E-03	0.61	5.464E-02	2,263	0.80	494	10,353
9	2	3.33E-03	1.08	11.0	0.82	468	2.13E-03	0.66	7.249E-02	2,552	1.11	334	19,492
17	3	1.37E-03	0.75	9.0	0.42	468	2.13E-03	0.54	2.429E-02	728	0.97	138	3,856
26	2	1.22E-02	0.62	2.0	0.50	723	1.38E-03	0.73	2.264E-02	135	0.64	23	782
27	1	1.38E-03	1.09	15.0	0.00	1,588	6.30E-04	0.73	1.205E-02	487	1.10	60	3,951
36	2	2.25E-03	0.94	6.0	0.83	1,588	6.30E-04	0.44	7.856E-03	324	0.96	49	2,140
37	0												
38	0												
47	0												
88	2	1.77E-03	1.02	2.5	0.20	1,588	6.30E-04	0.44	2.577E-03	102	1.03	15	677
93	1	1.27E-03	0.94	4.0	0.00	1,588	6.30E-04	0.66	2.968E-03	57	0.95	9	375
94	0												
95	1	1.64E-03	0.94	4.0	0.00	1,588	6.30E-04	0.00	3.835E-03	268	0.95	43	1,685
F2	0												
F3	0												
F6	0												
F7	2	4.23E-03	0.54	7.5	0.07	1,588	6.30E-04	0.44	1.851E-02	360	0.57	108	1,192
F8	1	2.86E-03	0.98	20.0	0.00	468	2.13E-03	0.44	1.131E-01	1,623	1.01	200	13,143
F9	0												
<b>TOTAL</b>	<b>20</b>					<b>884</b>	<b>1.13E-03</b>	<b>0.16</b>	<b>1.325E-02</b>	<b>8,899</b>	<b>0.46</b>	<b>3,621</b>	<b>21,870</b>