

**Coded as EPL**

Number of surveys caught 1992–2010 (out of 19):	17
Total catch weight (kg):	248
Number measured	214
Length range (mean) (cm, FL)	15–24 (19)
Number weighed	55

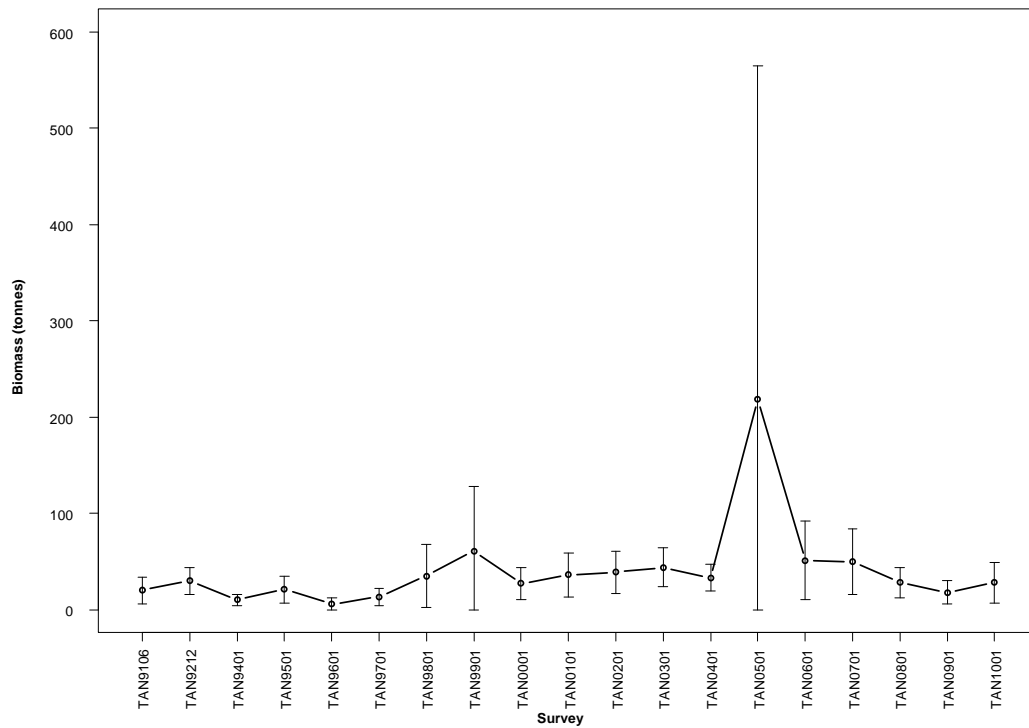
Coded as EPR

Number of surveys caught 1992–2010 (out of 19):	19
Total catch weight (kg):	131.7
Number measured	235
Length range (mean) (cm, FL)	18–23 (19.7)
Number weighed	89

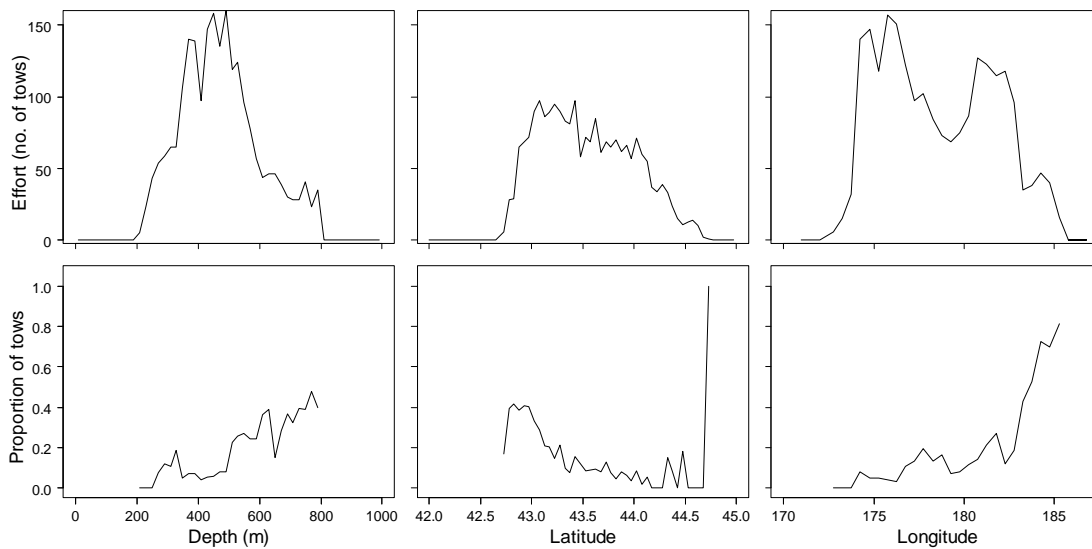
The core survey area and depth range **is not** appropriate for this group. It is found **deeper than 800 m**. Biomass of this group is **moderately well** estimated in the core survey area. Biomass has **increased** since the start of the time series. Catch rates are highest in the **east**.

Relative biomass estimates

Year	Biomass (t)	cv (%)
1992	20	36
1993	30	24
1994	10	33
1995	21	34
1996	6	47
1997	13	33
1998	35	49
1999	61	56
2000	27	33
2001	36	32
2002	39	29
2003	44	23
2004	33	22
2005	219	81
2006	51	41
2007	50	35
2008	28	29
2009	18	33
2010	28	38



Distribution



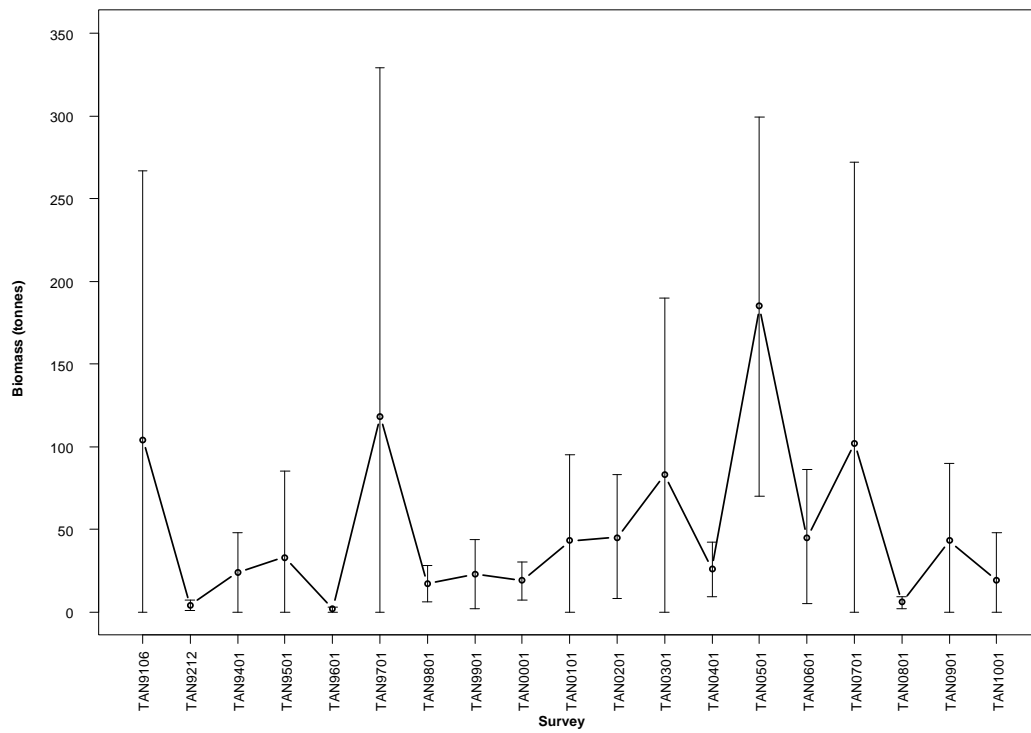


Number of surveys caught 1992–2010 (out of 19):	19
Total catch weight (kg):	426.8
Number measured	56
Length range (mean) (cm, TL)	10–13 (11.7)
Number weighed	9
Length-weight parameters a, b (r^2)	–

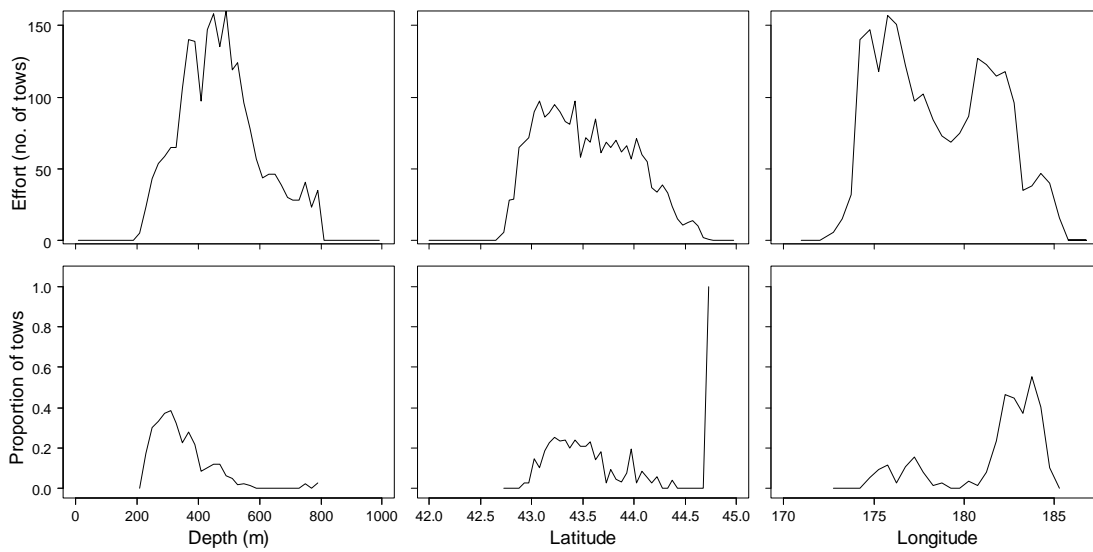
The core survey area and depth range **is** appropriate for this species. Biomass of this species is **poorly** estimated in the core survey area. Biomass **shows no clear trend** since the start of the time series. Catch rates are highest in the **east**.

Relative biomass estimates

Year	Biomass (t)	cv (%)
1992	104	78
1993	4	42
1994	24	49
1995	33	79
1996	2	54
1997	118	90
1998	17	33
1999	23	47
2000	19	30
2001	43	60
2002	45	42
2003	83	64
2004	26	32
2005	185	31
2006	45	45
2007	102	83
2008	6	28
2009	43	55
2010	19	76



Distribution



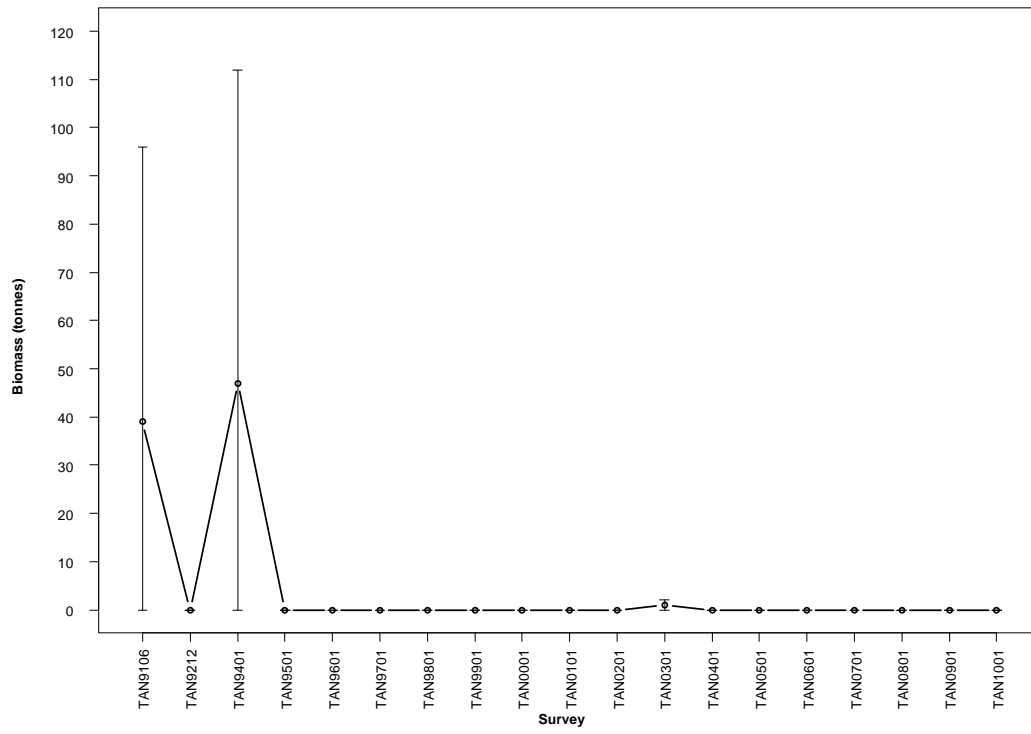


Number of surveys caught 1992–2010 (out of 19):	3
Total catch weight (kg):	55.8
Number measured	0
Length range (mean) (cm, TL)	–
Number weighed	0
Length-weight parameters a, b (r^2)	–

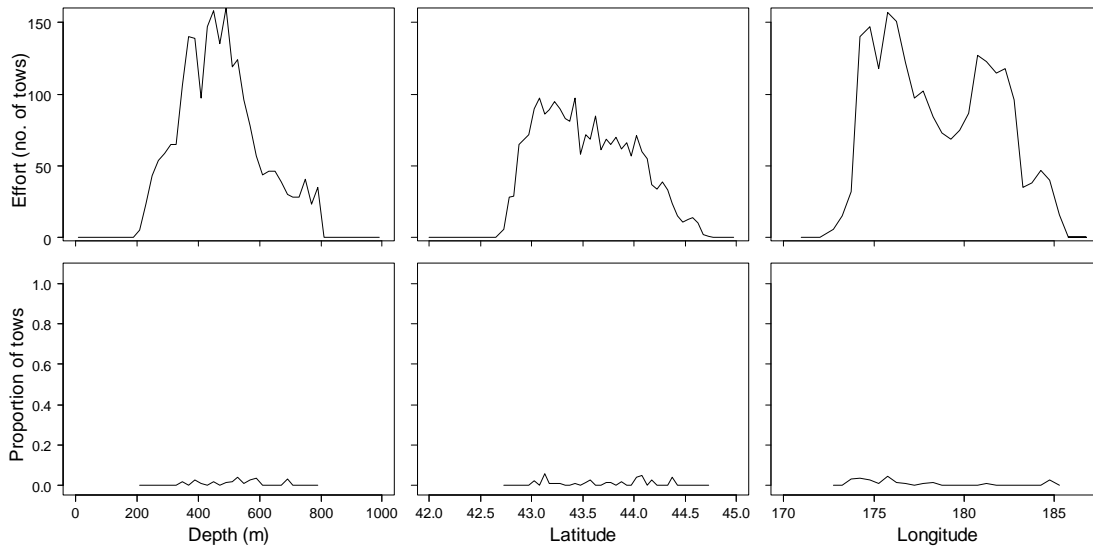
There were **too few fish caught to determine whether the core survey area is appropriate for this species**. Biomass of this species is **poorly** estimated in the core survey area. Biomass shows **no clear trend** since the start of the time series.

Relative biomass estimates

Year	Biomass (t)	cv (%)
1992	39	73
1993	0	-
1994	47	68
1995	0	-
1996	0	-
1997	0	-
1998	0	-
1999	0	-
2000	0	-
2001	0	-
2002	0	-
2003	1	100
2004	0	-
2005	0	-
2006	0	-
2007	0	-
2008	0	-
2009	0	-
2010	0	-



Distribution



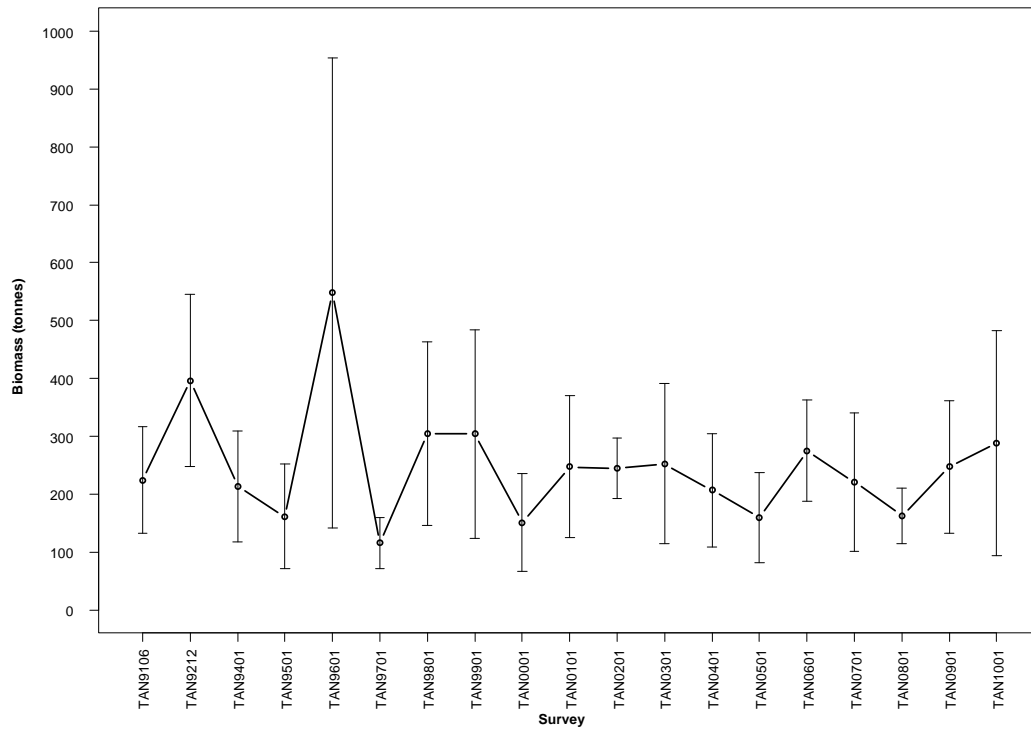


Number of surveys caught 1992–2010 (out of 19):	19
Total catch weight (kg):	1 976.4
Number measured	1 479
Length range (mean) (cm, TL)	16–38 (27.0)
Number weighed	312
Length-weight parameters a, b (r^2)	0.000594, 3.606383 (88.9)

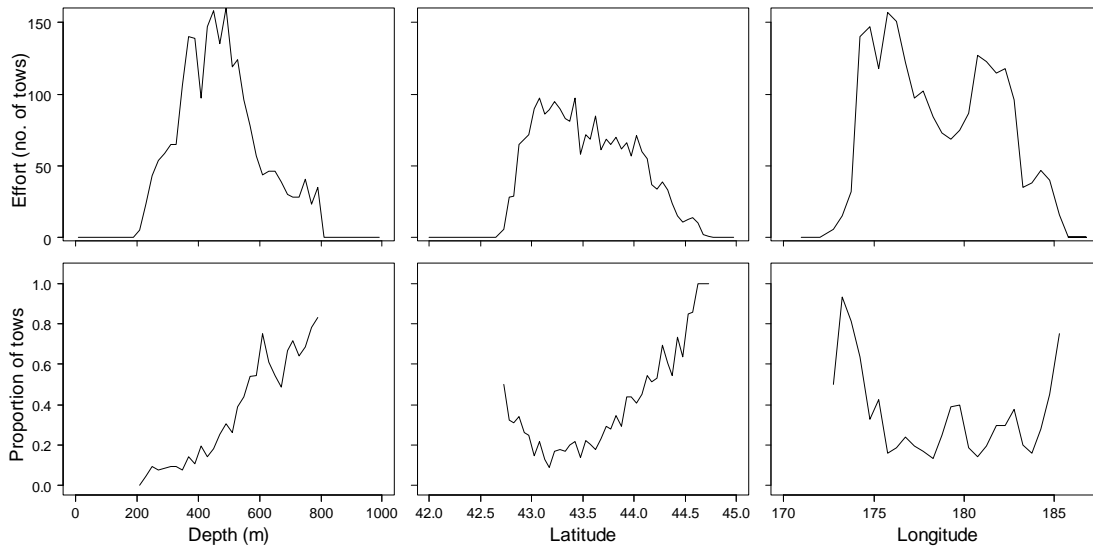
The core survey area and depth range **is not** appropriate for this species. It is found **deeper than 800 m**. Biomass of this species is **well** estimated in the core survey area. Biomass **shows no clear trend** since the start of the time series. Catch rates are highest in the **south**. Length frequencies are sometimes **bimodal, which may represent larger females and smaller males**. Mean length **shows no clear trend** since the start of the time series.

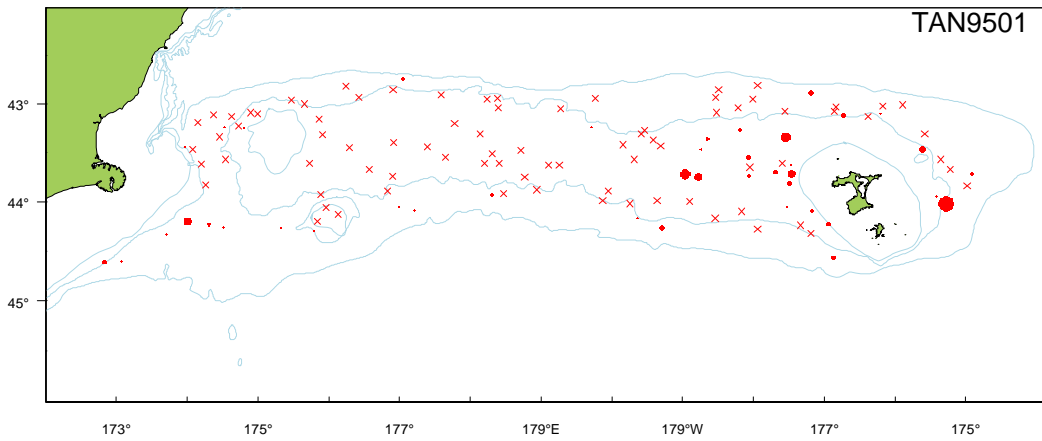
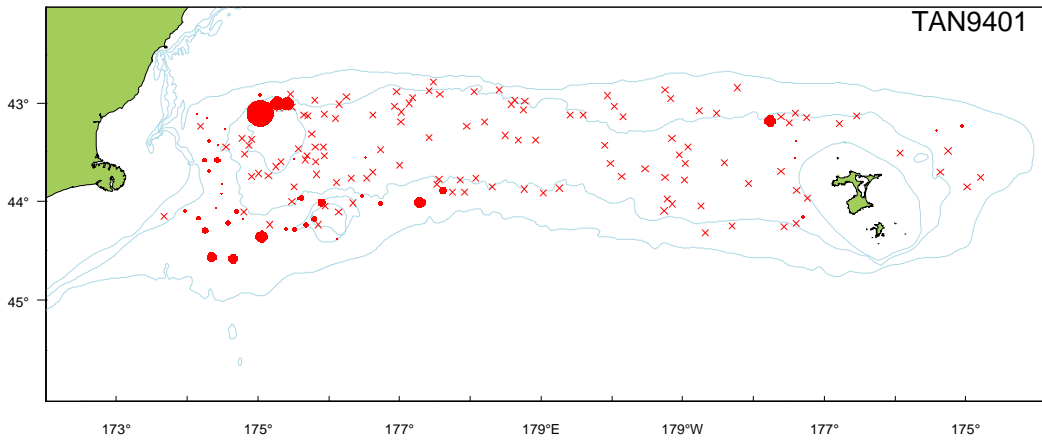
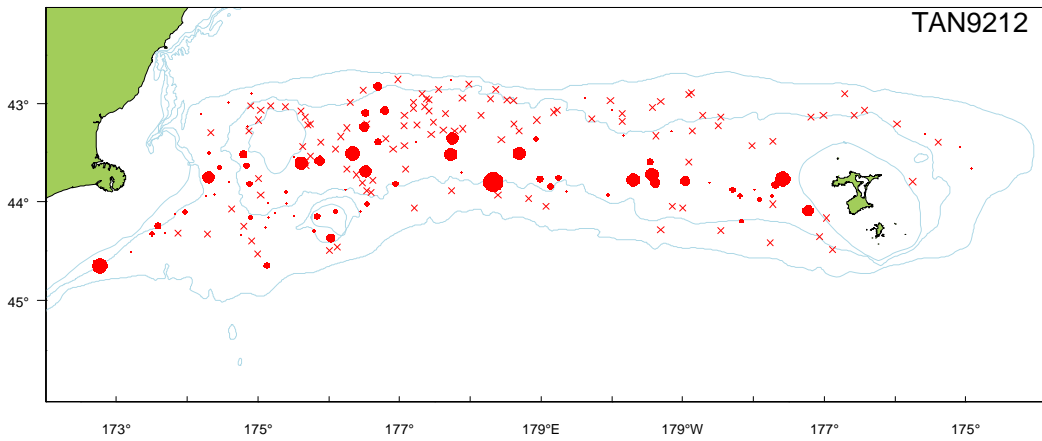
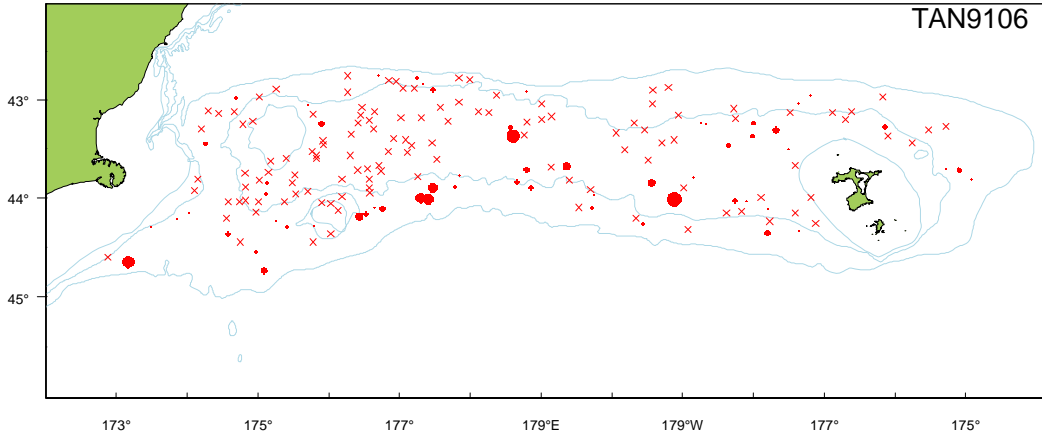
Relative biomass estimates and length summary

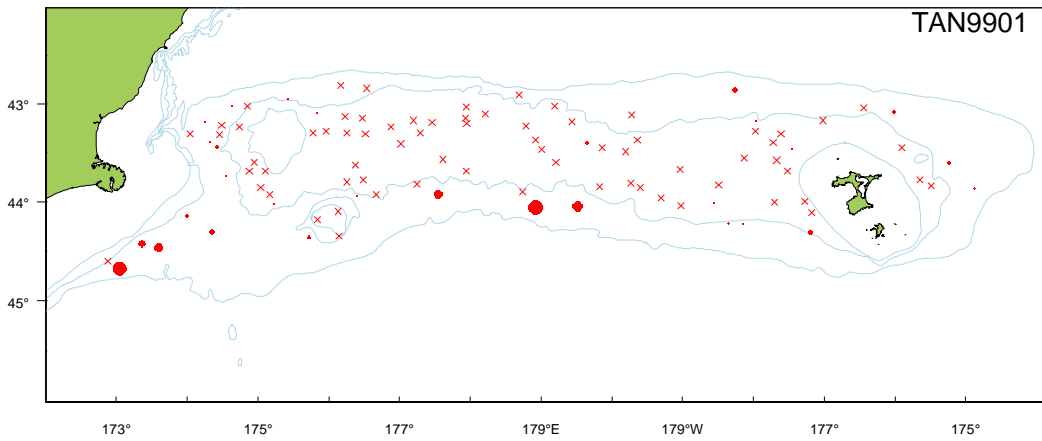
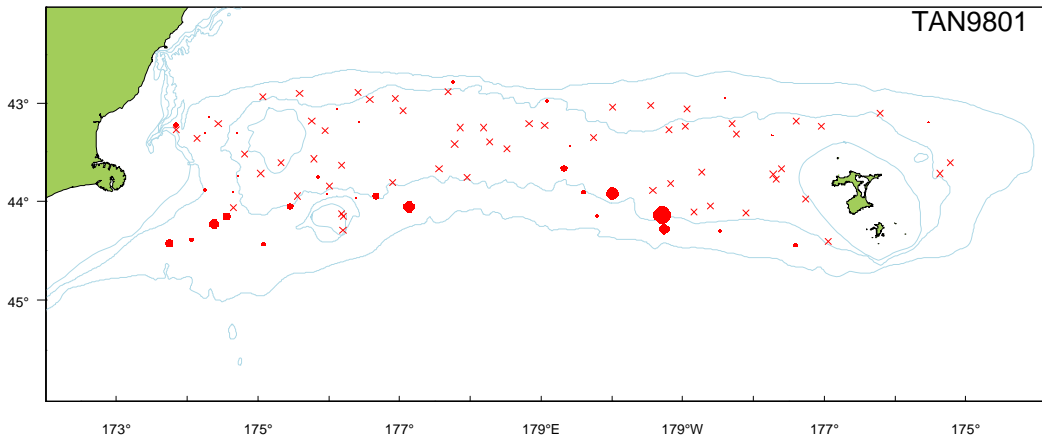
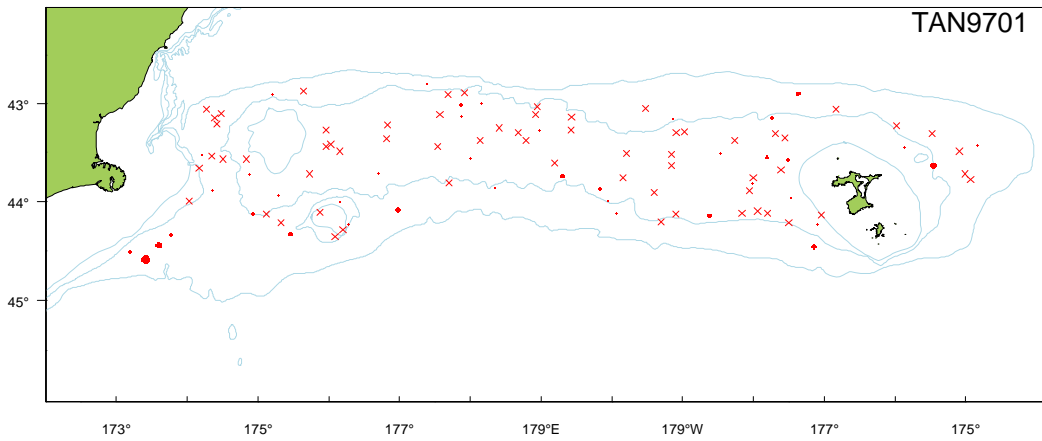
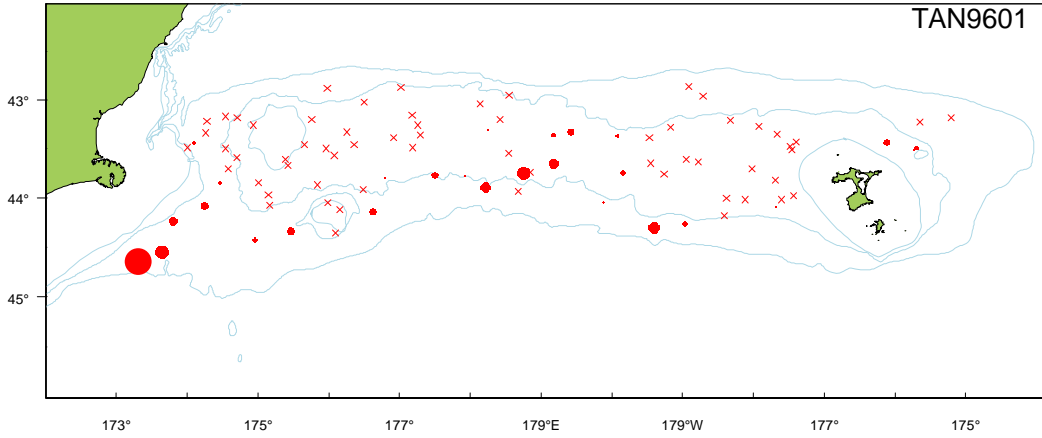
Year	Biomass (t)	cv (%)	Length (cm)			No. measure
			Min.	Max.	Mean	
1992	224	21	-	-	-	0
1993	396	19	-	-	-	0
1994	213	23	-	-	-	0
1995	161	28	-	-	-	0
1996	548	37	-	-	-	0
1997	116	19	-	-	-	0
1998	304	26	-	-	-	0
1999	304	30	-	-	-	0
2000	151	28	-	-	-	0
2001	247	25	-	-	-	0
2002	245	11	20	33	28.0	146
2003	252	28	19	36	25.9	164
2004	207	24	-	-	-	0
2005	159	24	-	-	-	0
2006	275	16	-	-	-	0
2007	221	27	21	32	26.8	35
2008	163	15	17	38	26.2	165
2009	247	23	18	35	27.4	253
2010	288	34	16	36	27.1	386

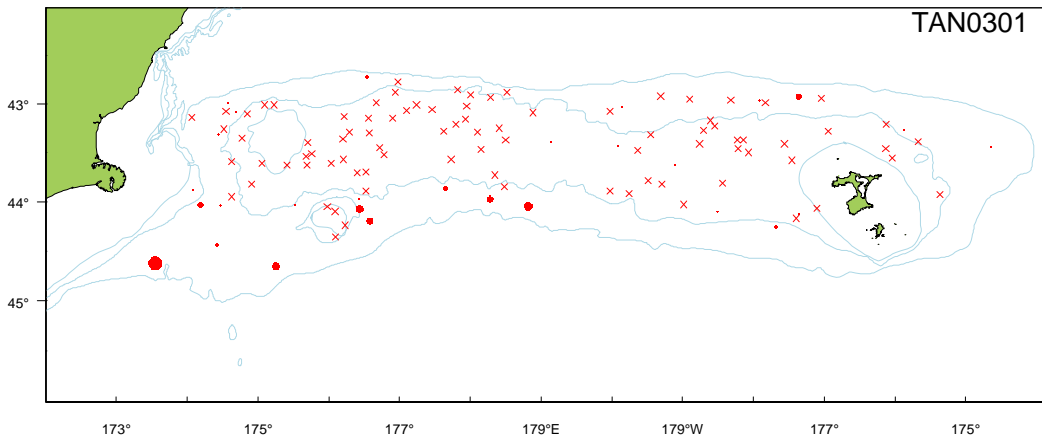
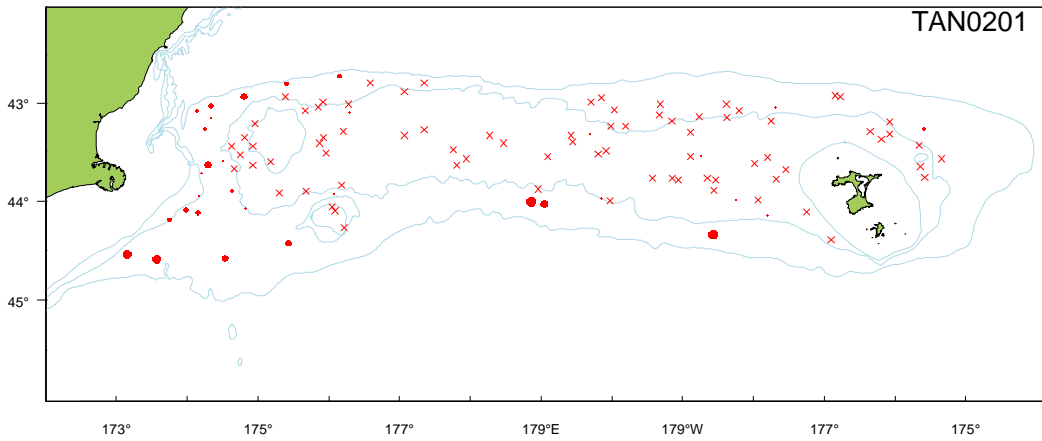
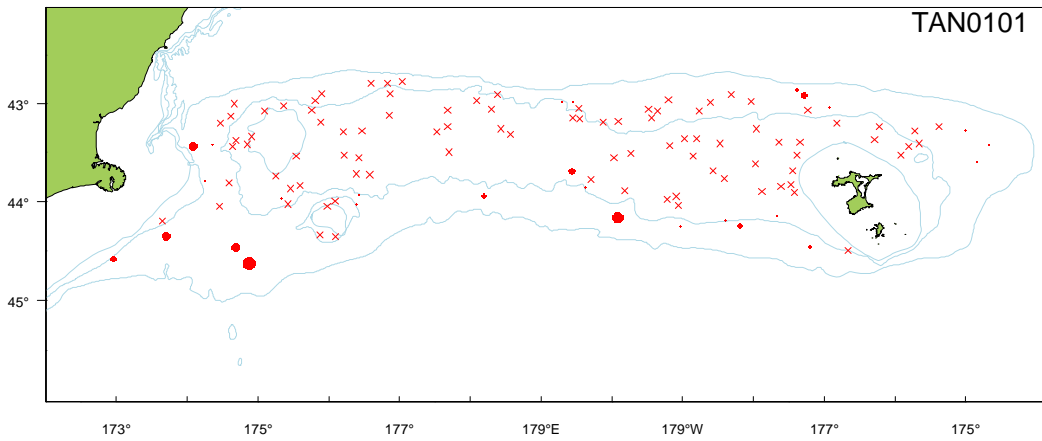
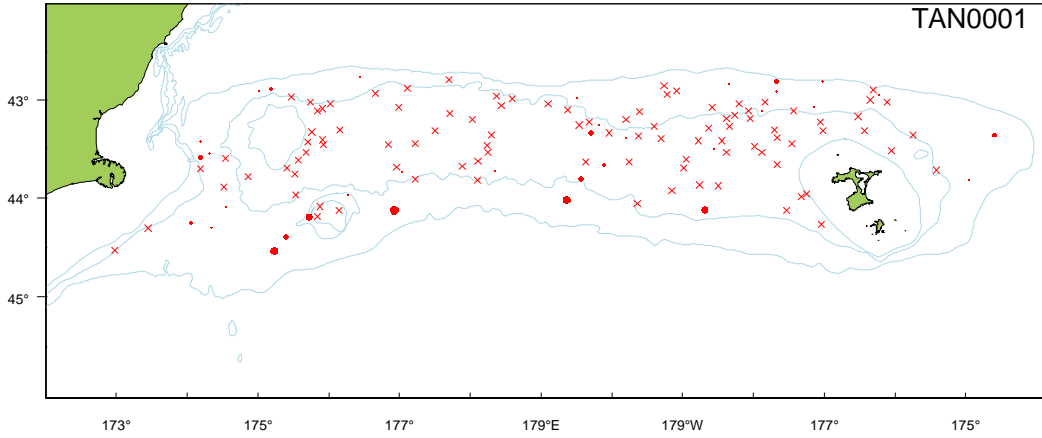


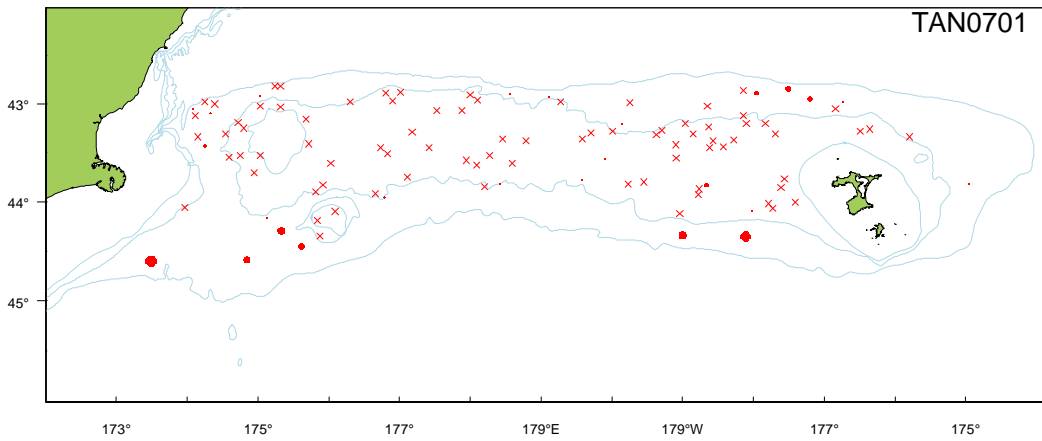
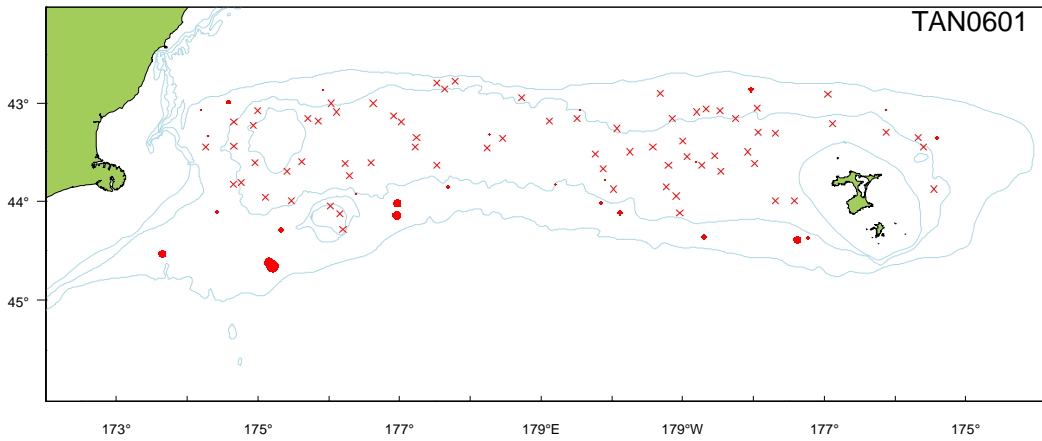
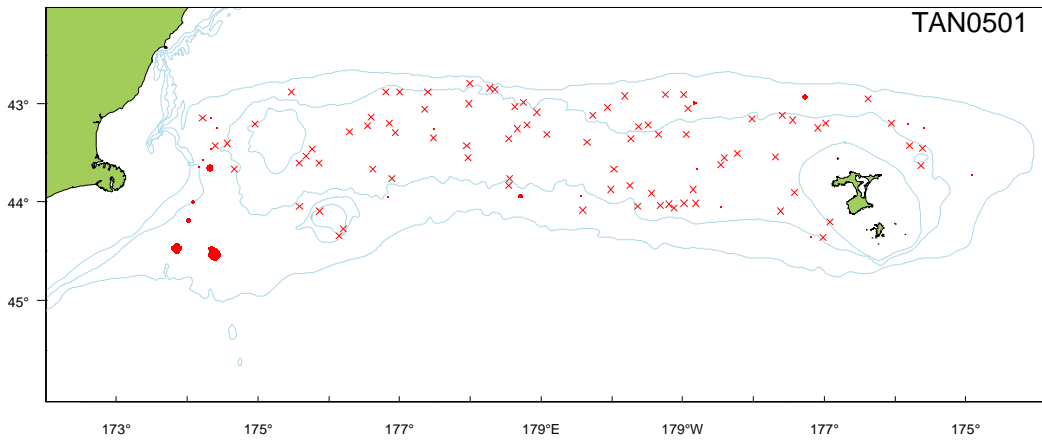
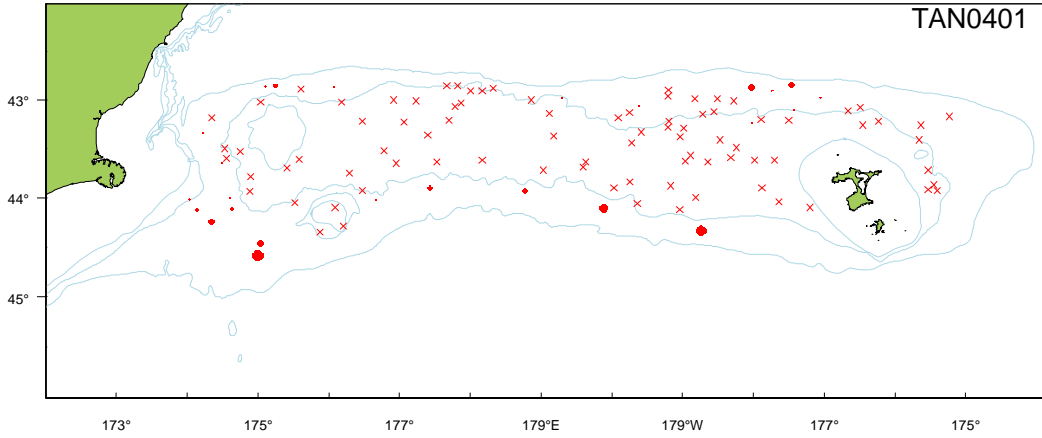
Distribution

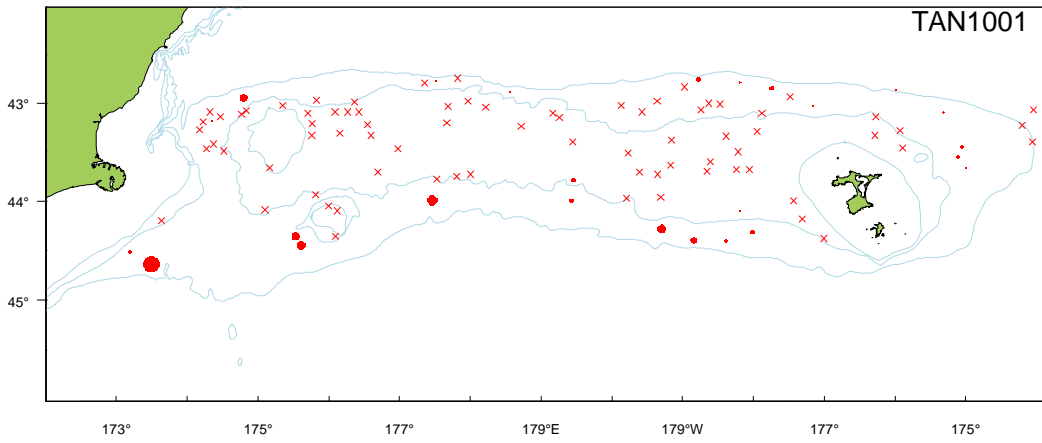
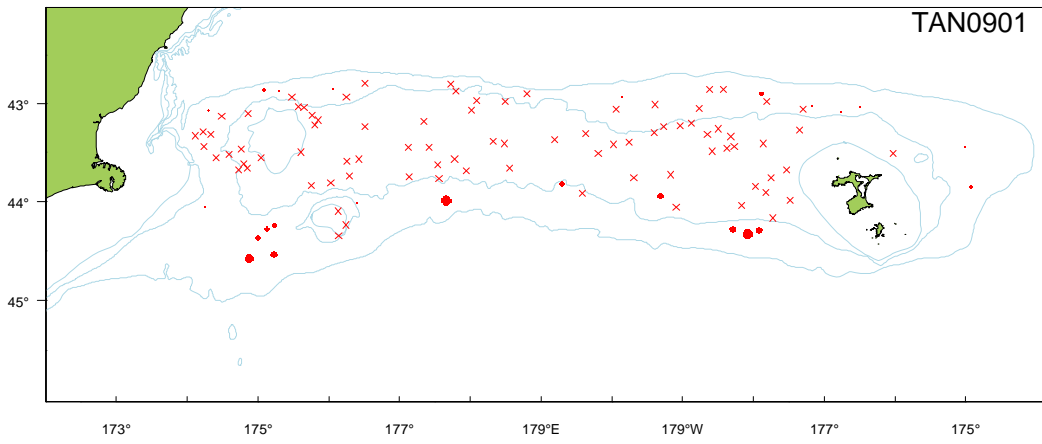
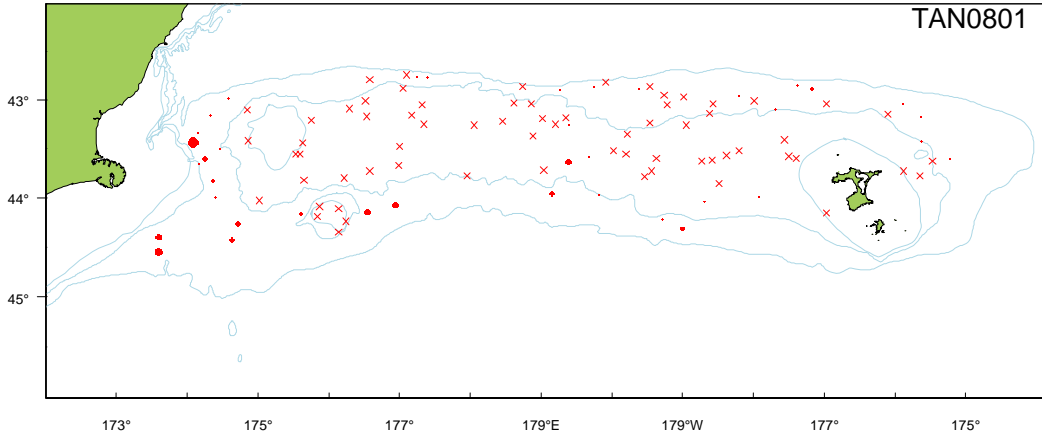




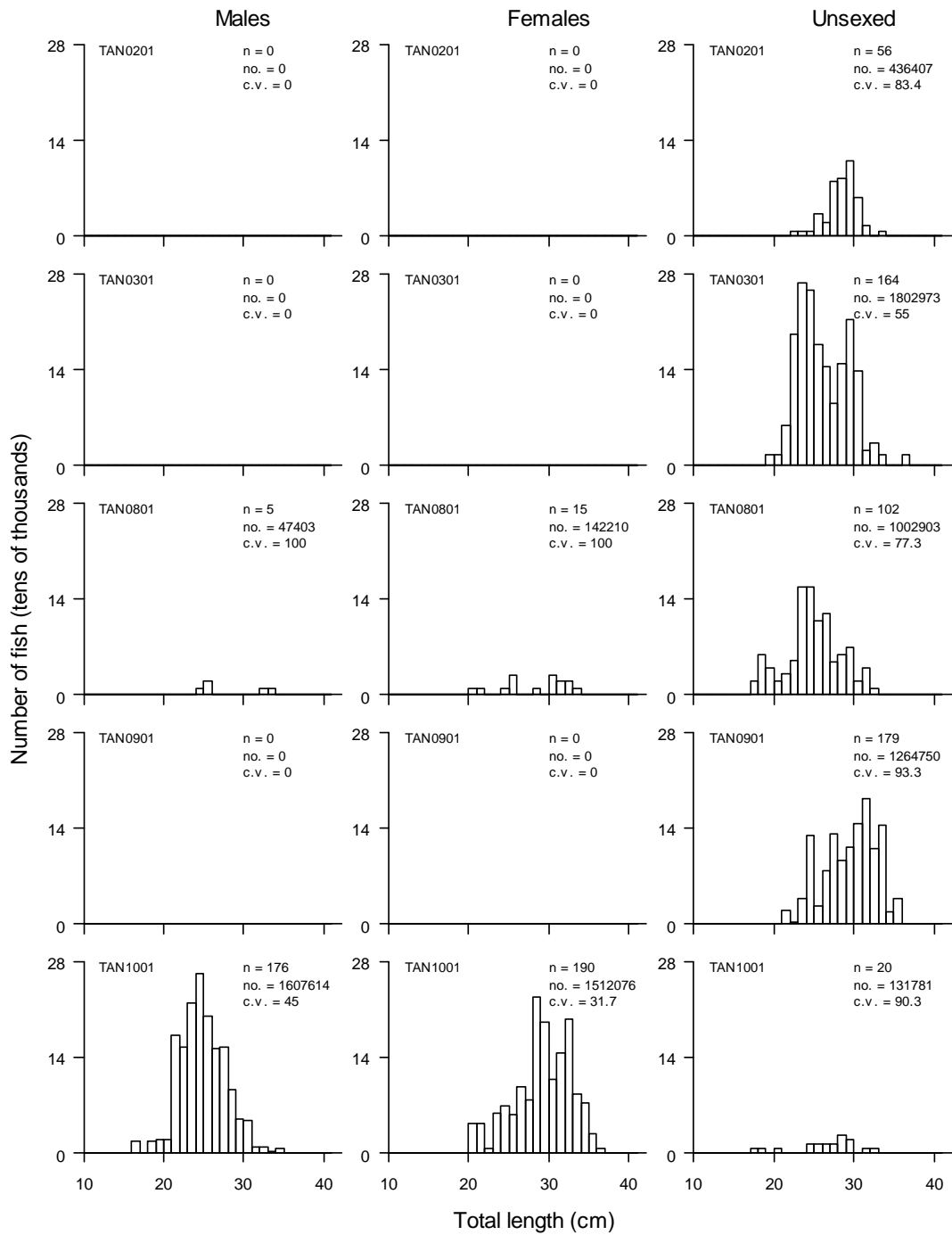








Length Frequencies



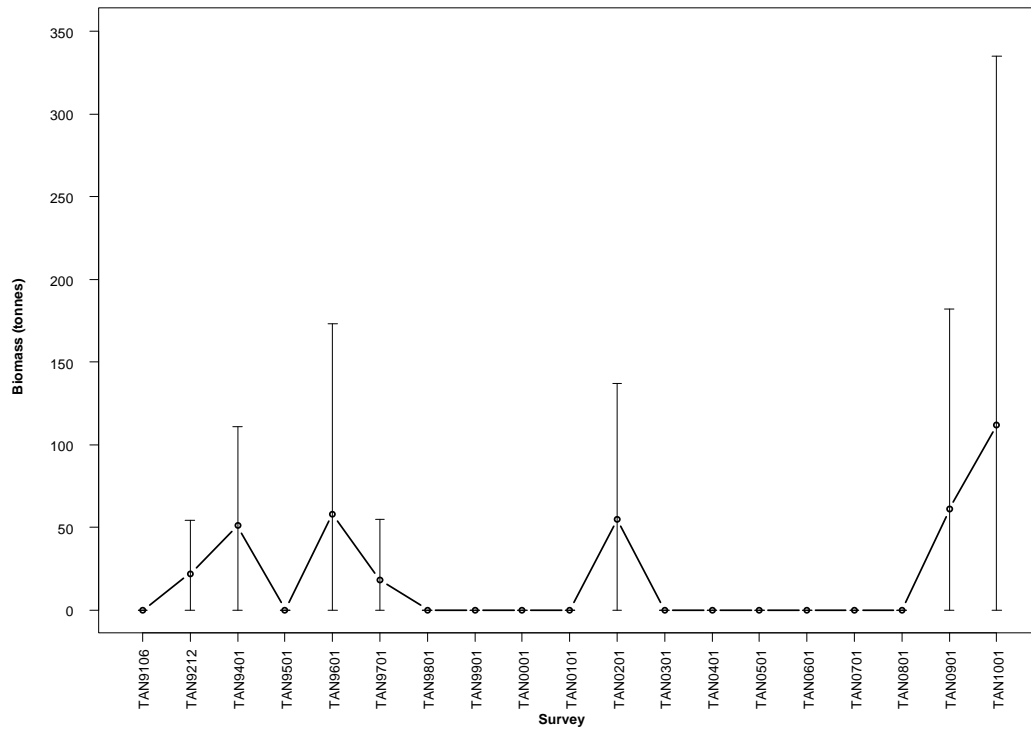


Number of surveys caught 1992–2010 (out of 19):	7
Total catch weight (kg):	151.3
Number measured	6
Length range (mean) (cm, GL)	113–130 (123.7)
Number weighed	6
Length-weight parameters a, b (r^2)	–

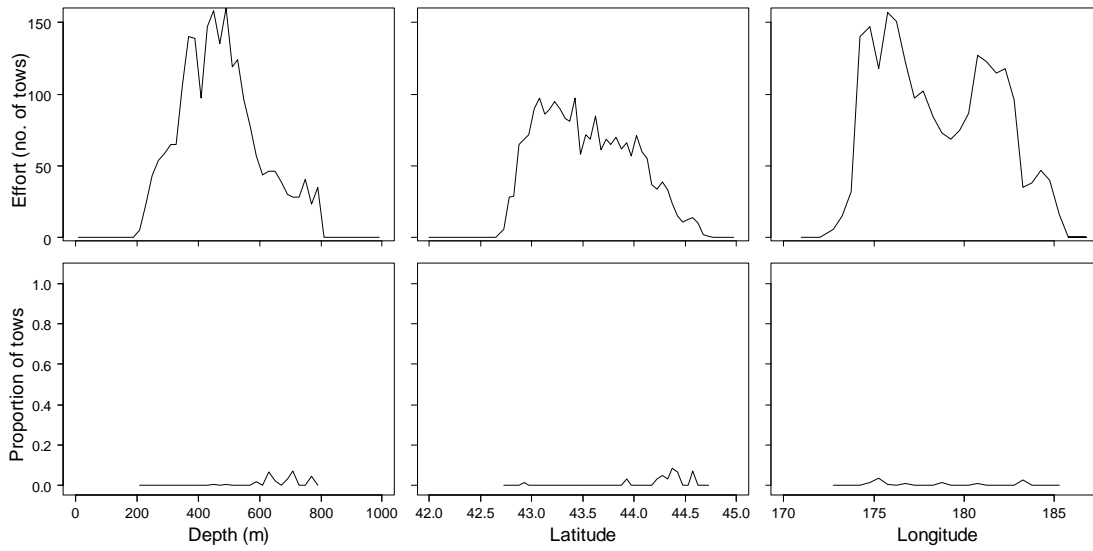
The core survey area and depth range **is not** appropriate for this species. It is found **deeper than 800 m**. Biomass of this species is **poorly** estimated in the core survey area. Biomass **shows no clear trend** since the start of the time series. Catch rates are highest in the **south**.

Relative biomass estimates

Year	Biomass (t)	cv (%)
1992	0	-
1993	22	72
1994	51	59
1995	0	-
1996	58	100
1997	18	100
1998	0	-
1999	0	-
2000	0	-
2001	0	-
2002	55	74
2003	0	-
2004	0	-
2005	0	-
2006	0	-
2007	0	-
2008	0	-
2009	61	100
2010	112	100



Distribution



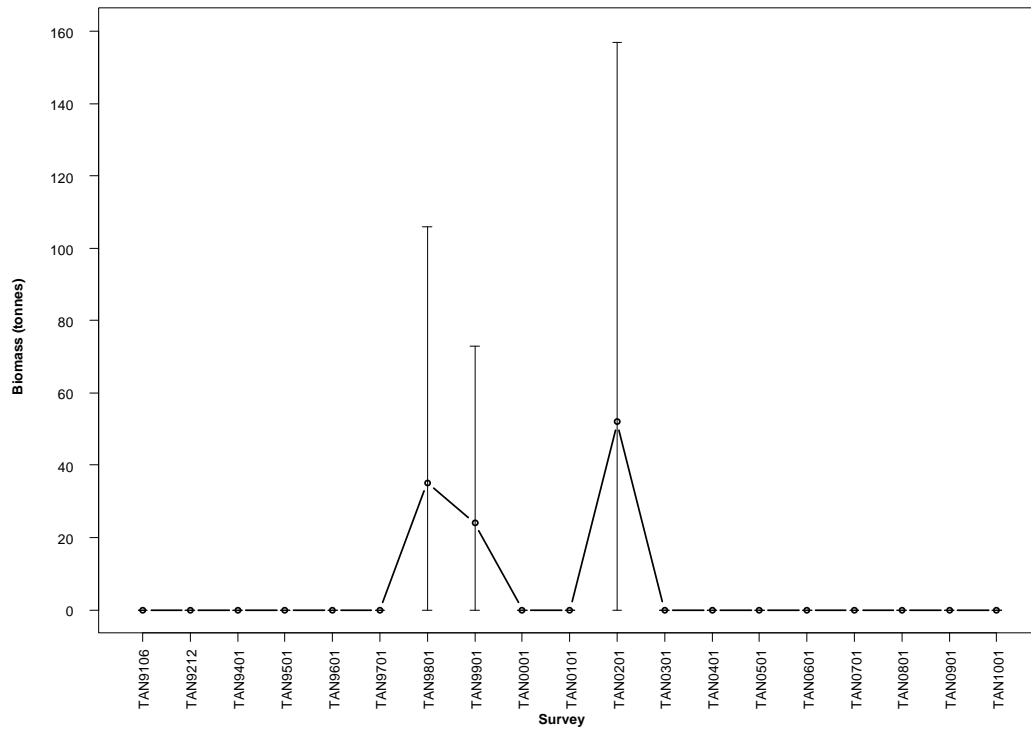


Number of surveys caught 1992–2010 (out of 19):	4
Total catch weight (kg):	50.0
Number measured	9
Length range (mean) (cm, GL)	–
Number weighed	9
Length-weight parameters a, b (r^2)	–

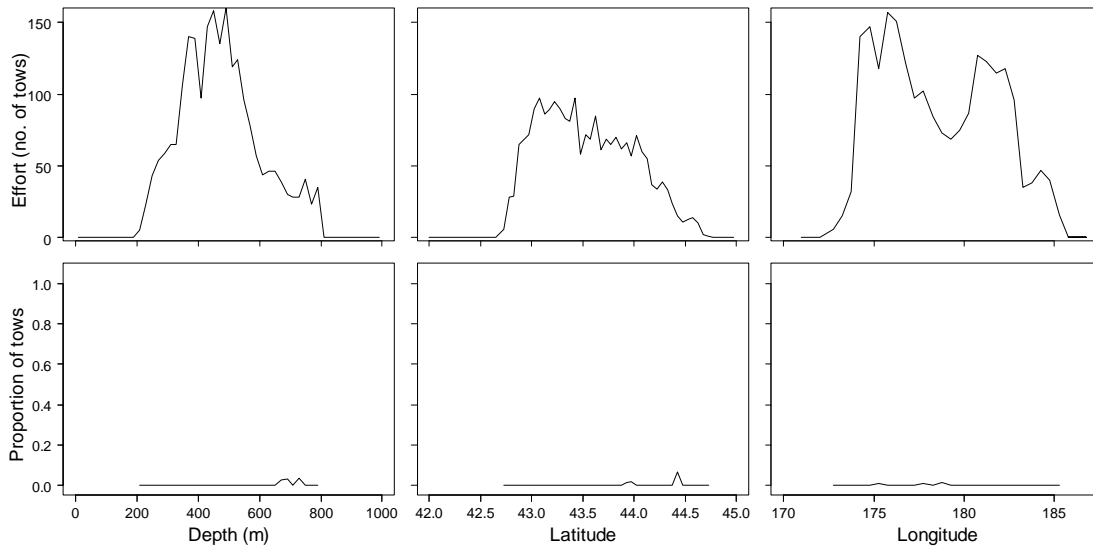
There were **too few fish caught to determine whether the core survey area is appropriate for this species**. Biomass of this species is **poorly** estimated in the core survey area. Biomass **shows no clear trend** since the start of the time series.

Relative biomass estimates

Year	Biomass (t)	cv (%)
1992	0	-
1993	0	-
1994	0	-
1995	0	-
1996	0	-
1997	0	-
1998	35	100
1999	24	100
2000	0	-
2001	0	-
2002	52	100
2003	0	-
2004	0	-
2005	0	-
2006	0	-
2007	0	-
2008	0	-
2009	0	-
2010	0	-



Distribution



Notable rattail (*Coelorinchus innotabilis*)

CIN

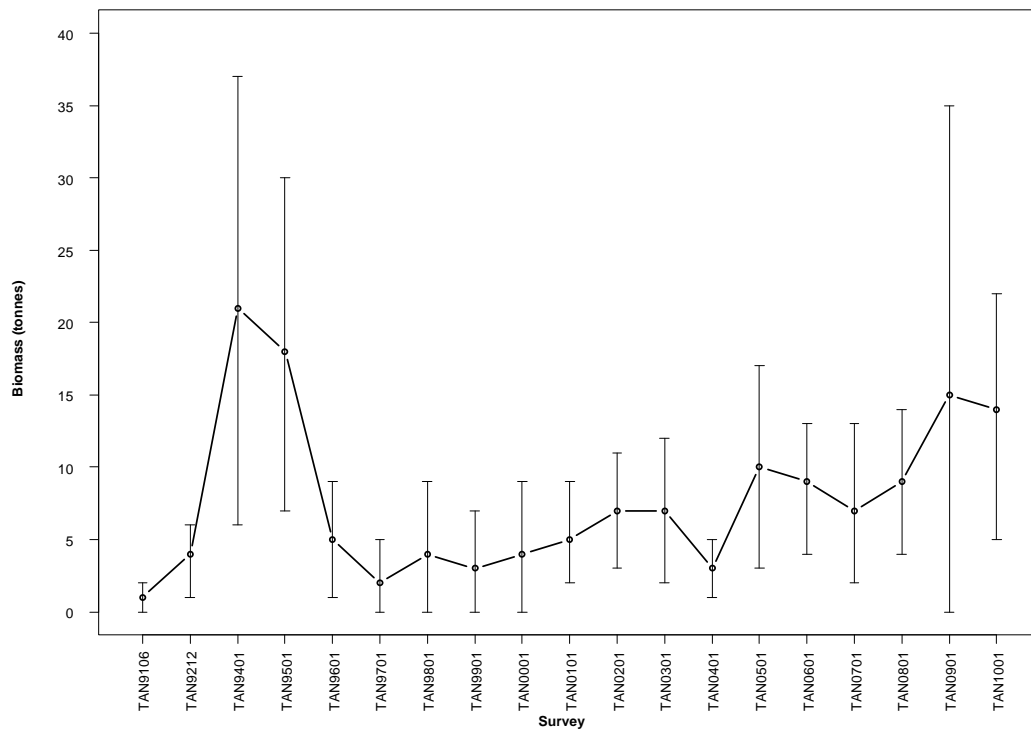


Number of surveys caught 1992–2010 (out of 19):	19
Total catch weight (kg):	115.9
Number measured	348
Length range (mean) (cm, TL)	22–33 (27.7)
Number weighed	153
Length-weight parameters a, b (r^2)	–

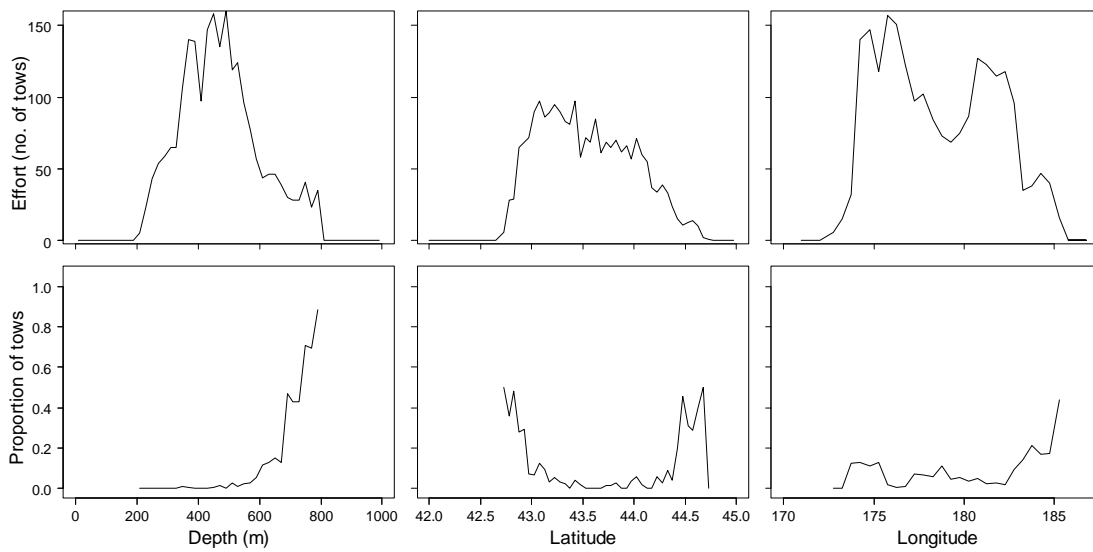
The core survey area and depth range **is not** appropriate for this species. It is found **deeper than 800 m**. Biomass of this species is **poorly** estimated in the core survey area. Biomass has **increased** since the start of the time series.

Relative biomass estimates

Year	Biomass (t)	cv (%)
1992	1	67
1993	4	31
1994	21	37
1995	18	32
1996	5	43
1997	2	53
1998	4	67
1999	3	65
2000	4	74
2001	5	33
2002	7	31
2003	7	37
2004	3	41
2005	10	34
2006	9	26
2007	7	36
2008	9	26
2009	15	67
2010	14	30



Distribution



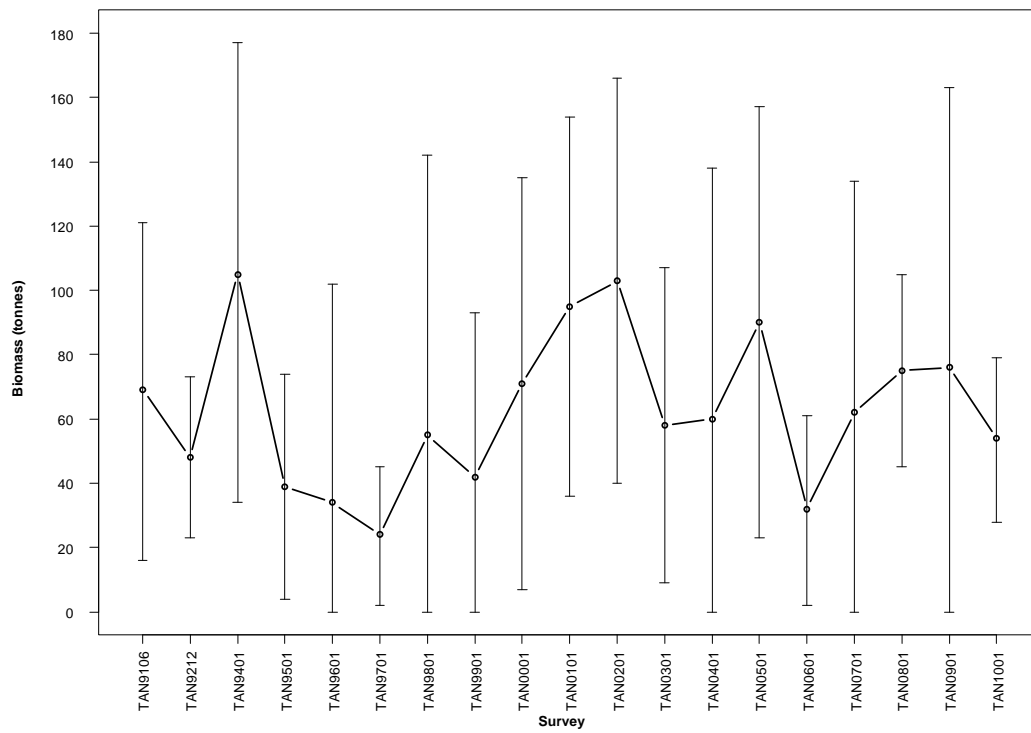


Number of surveys caught 1992–2010 (out of 19):	19
Total catch weight (kg):	523.4
Number measured	126
Length range (mean) (cm, TL)	30–66 (47.5)
Number weighed	119
Length-weight parameters a, b (r^2)	–

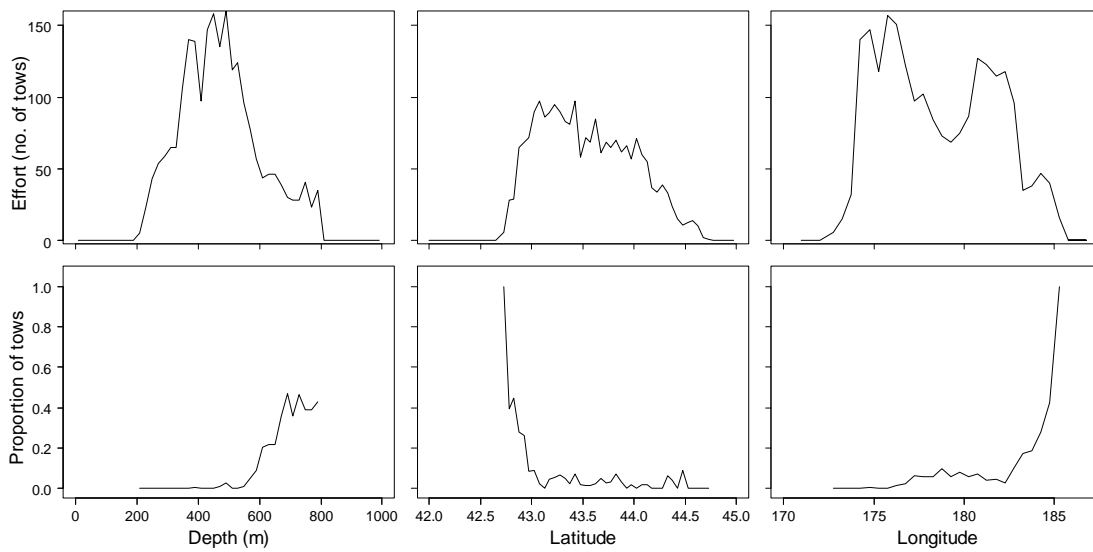
The core survey area and depth range **is not** appropriate for this species. It is found **deeper than 800 m**. Biomass of this species is **poorly** estimated in the core survey area. Biomass **shows no clear trend** since the start of the time series. Catch rates are highest in the **north and east**.

Relative biomass estimates

Year	Biomass (t)	cv (%)
1992	69	38
1993	48	26
1994	105	34
1995	39	45
1996	34	100
1997	24	46
1998	55	79
1999	42	60
2000	71	45
2001	95	31
2002	103	30
2003	58	42
2004	60	66
2005	90	37
2006	32	47
2007	62	58
2008	75	20
2009	76	57
2010	54	24



Distribution



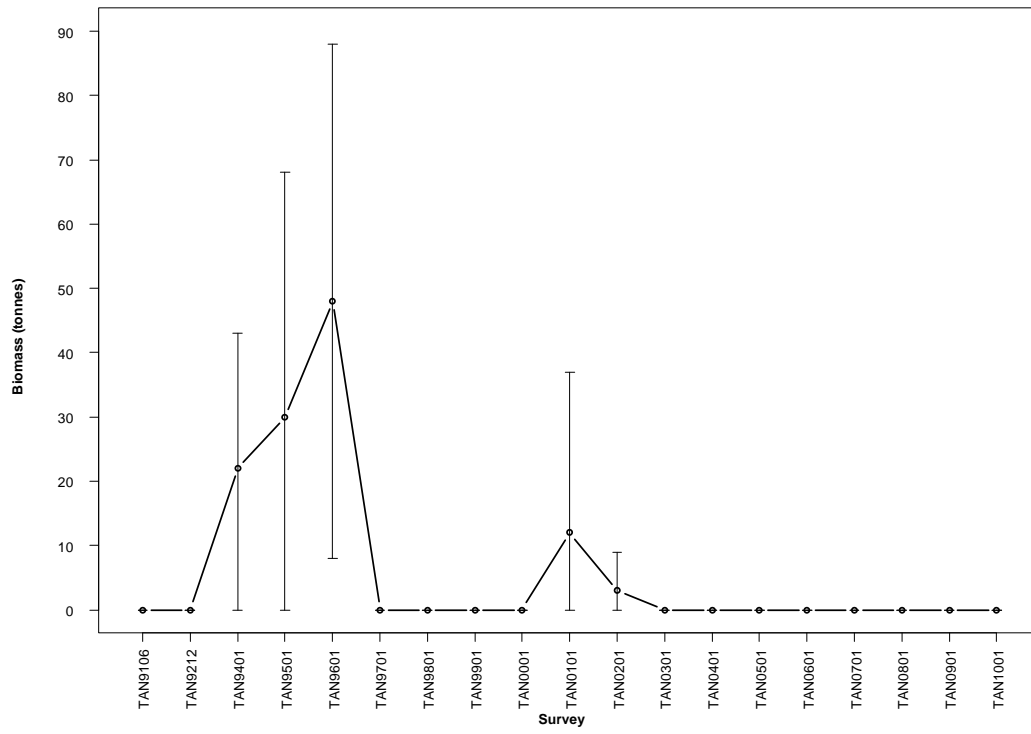


Number of surveys caught 1992–2010 (out of 19):	6
Total catch weight (kg):	41.2
Number measured	1
Length range (mean) (cm)	–
Number weighed	1
Length-weight parameters a, b (r^2)	–

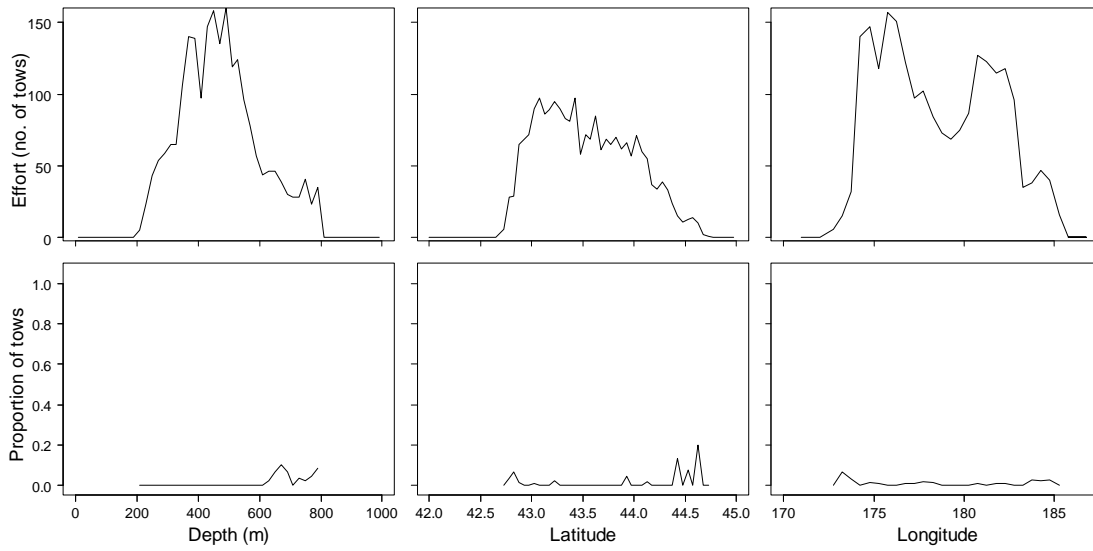
The core survey area and depth range **is not** appropriate for this species. It is found **deeper than 800 m**. Biomass of this species is **poorly** estimated in the core survey area. Biomass **shows no clear trend** since the start of the time series.

Relative biomass estimates

Year	Biomass (t)	cv (%)
1992	0	-
1993	0	-
1994	22	50
1995	30	64
1996	48	41
1997	0	-
1998	0	-
1999	0	-
2000	0	-
2001	12	100
2002	3	100
2003	0	-
2004	0	-
2005	0	-
2006	0	-
2007	0	-
2008	0	-
2009	0	-
2010	0	-



Distribution



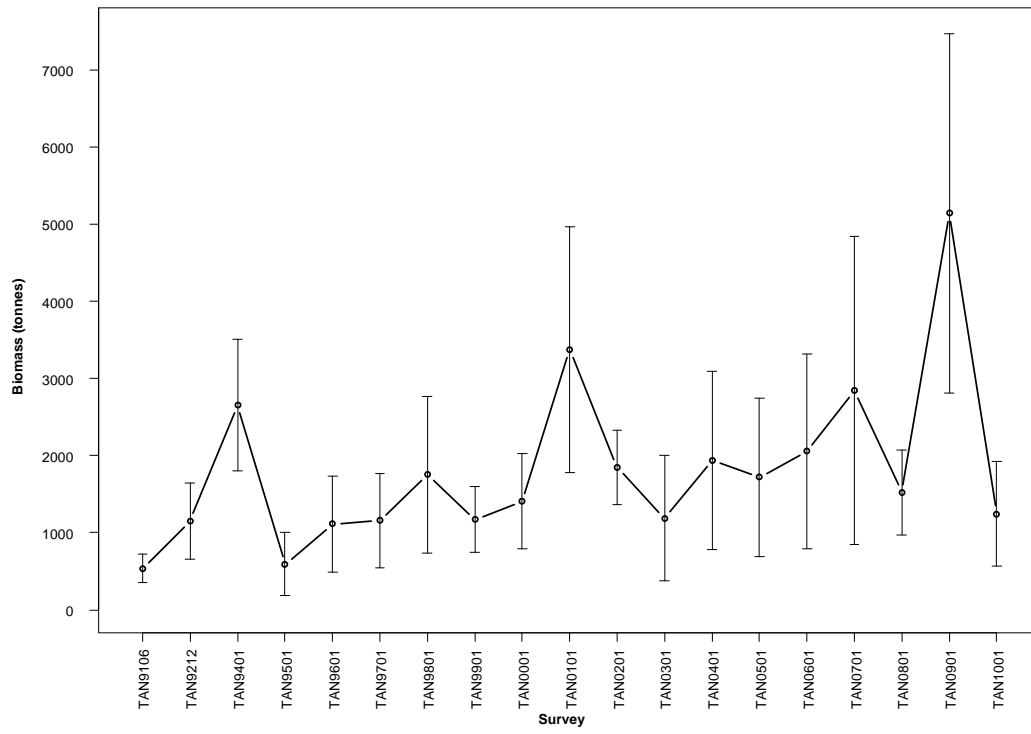


Number of surveys caught 1992–2010 (out of 19):	19
Total catch weight (kg):	15 450.9
Number measured	15 423
Length range (mean) (cm, TL)	9–44 (29.1)
Number weighed	4 036
Length-weight parameters a, b (r^2)	0.003846, 2.893377 (80.31)

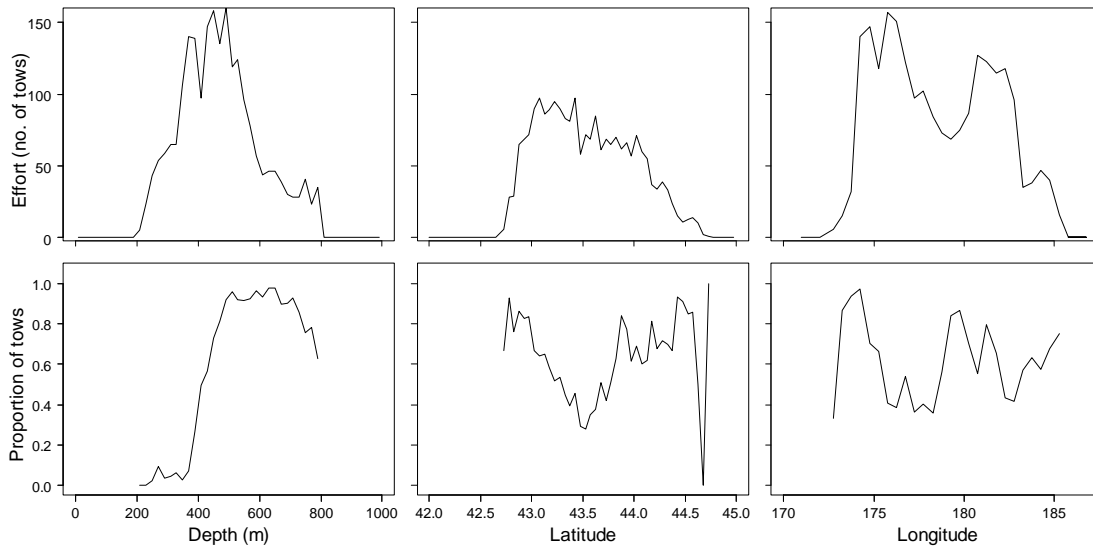
The core survey area and depth range **is** appropriate for this species. Biomass of this species is **well** estimated in the core survey area. Biomass has **increased** since the start of the time series. Catch rates are highest in the **southwest**. Length frequencies are usually **unimodal**. Mean length **shows no clear trend** since the start of the time series.

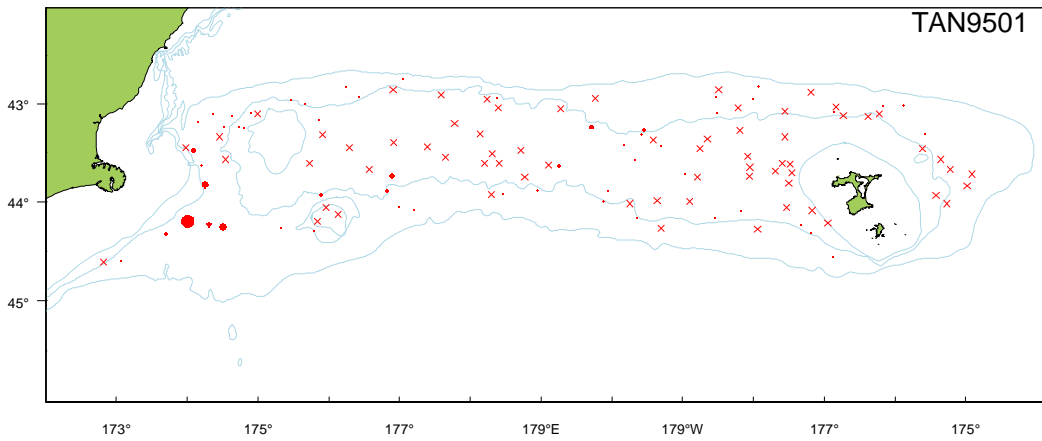
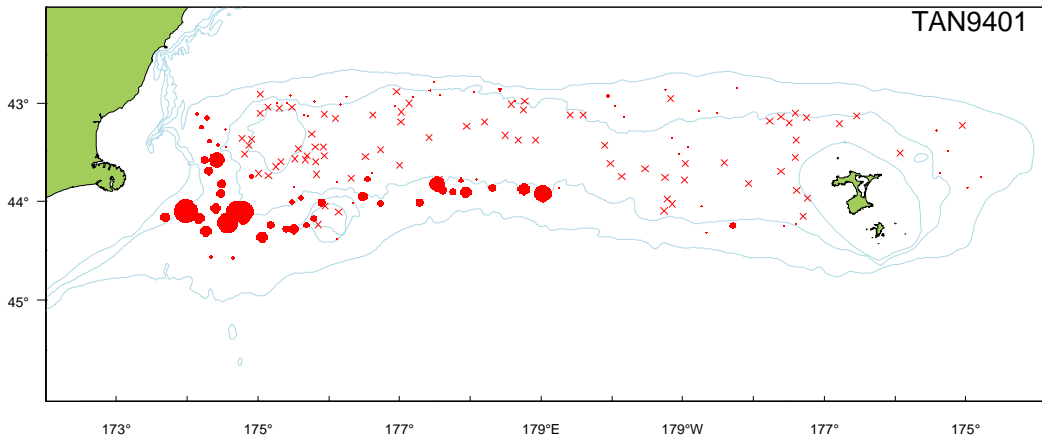
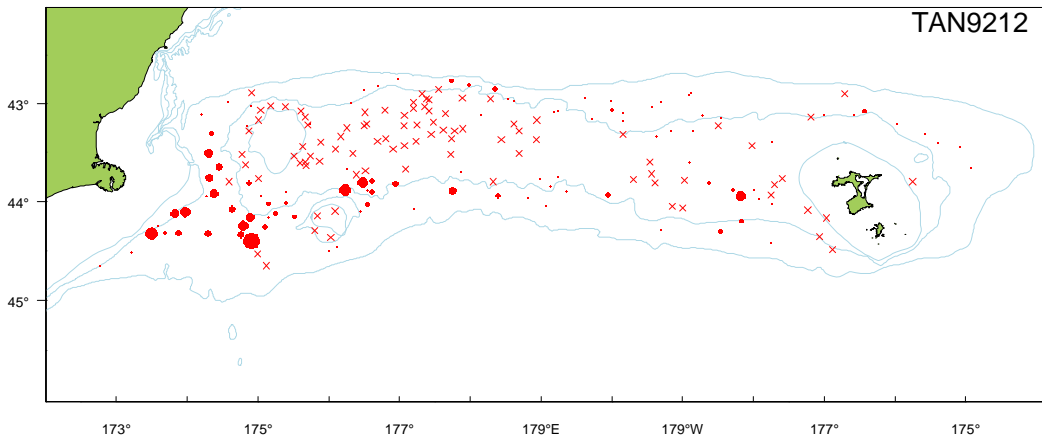
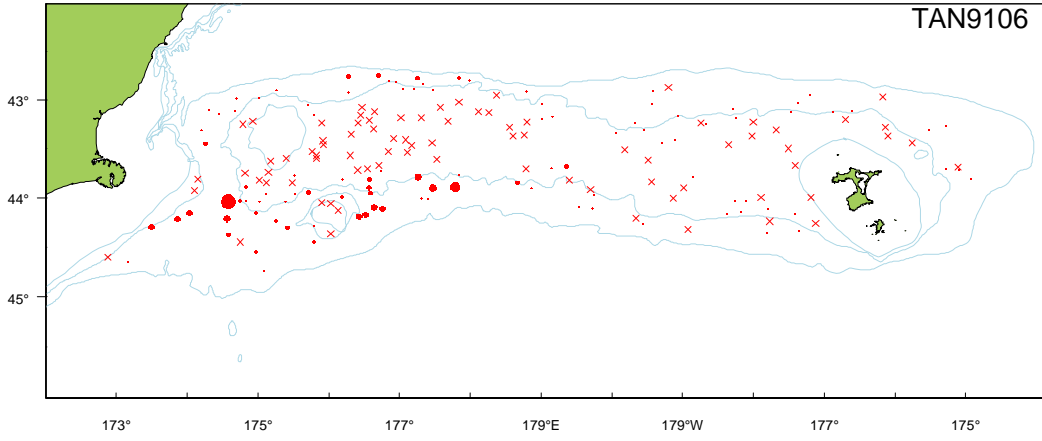
Relative biomass estimates and length summary

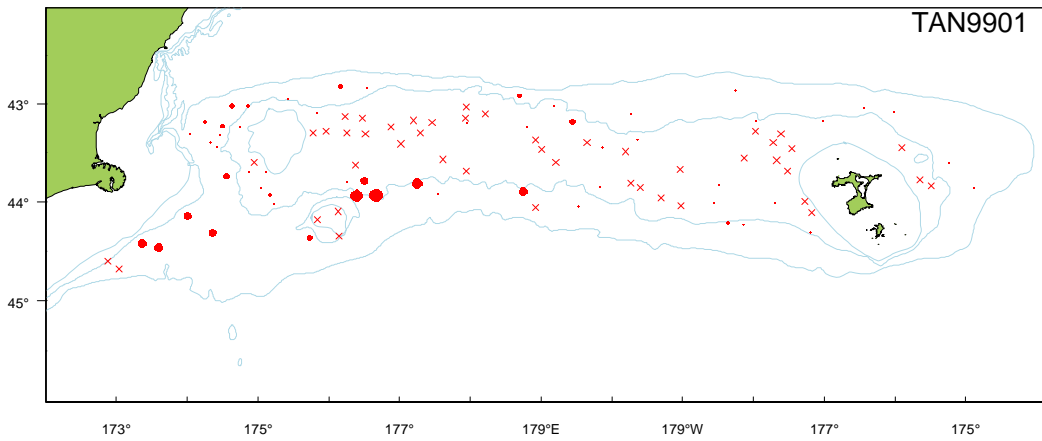
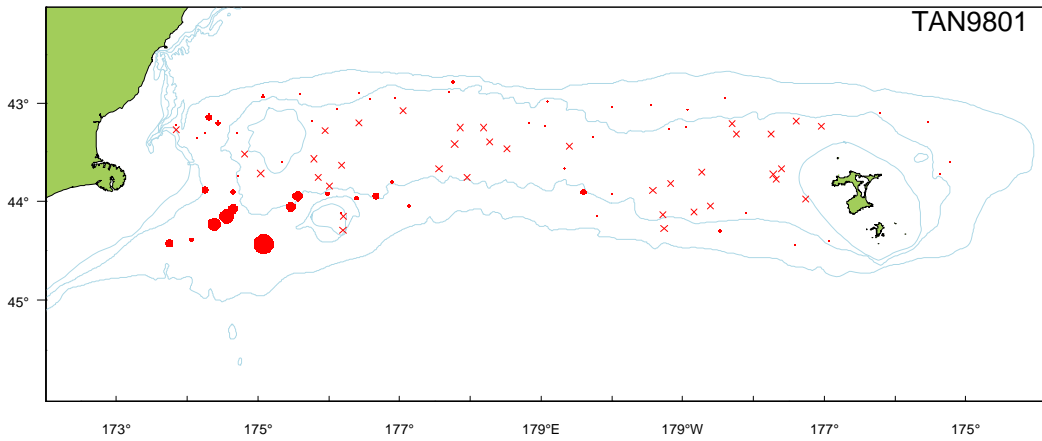
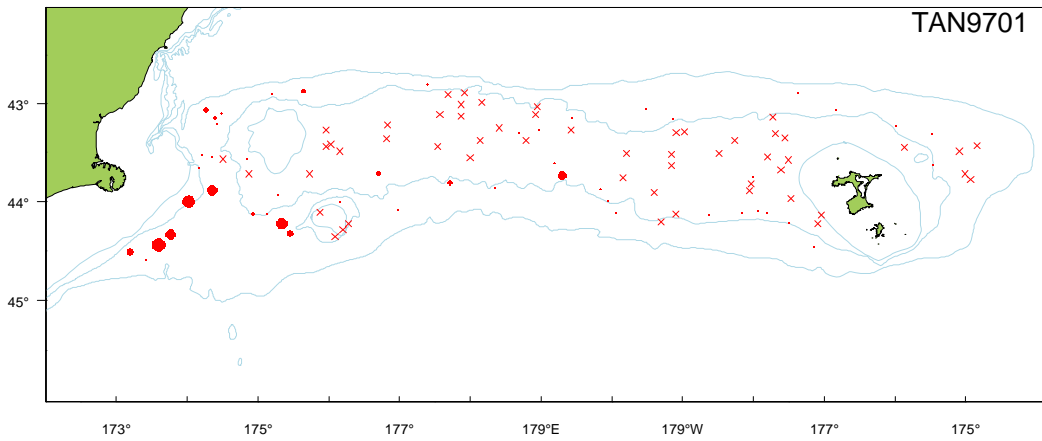
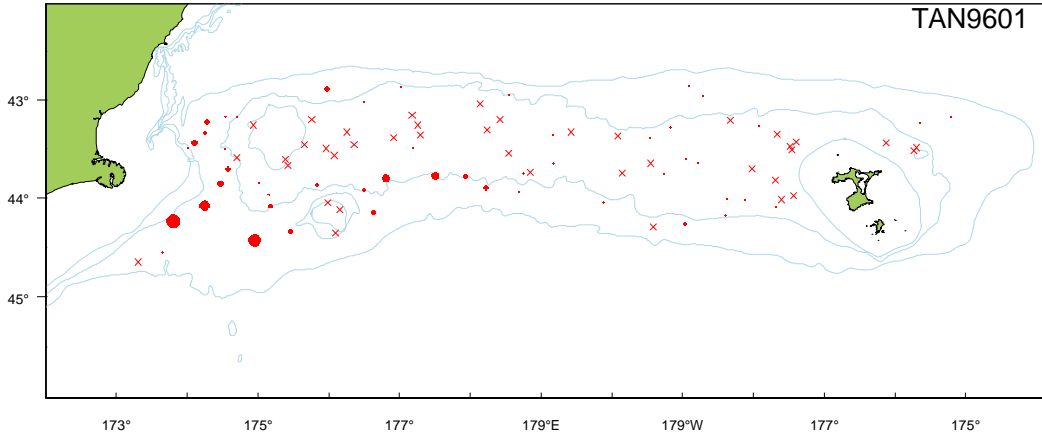
Year	Biomass (t)	cv (%)	Length (cm)			No. measure
			Min.	Max.	Mean	
1992	539	17	-	-	-	0
1993	1 152	21	-	-	-	0
1994	2 654	16	-	-	-	0
1995	592	35	-	-	-	0
1996	1 112	28	-	-	-	0
1997	1 158	26	-	-	-	0
1998	1 752	29	17	35	27.2	61
1999	1 168	18	20	39	31.5	103
2000	1 406	22	-	-	-	0
2001	3 373	24	-	-	-	0
2002	1 846	13	16	42	29.5	1 641
2003	1 187	34	9	41	28.4	630
2004	1 938	30	15	41	29.5	849
2005	1 720	30	11	44	29.6	1 226
2006	2 056	31	12	41	28.0	1 870
2007	2 841	35	15	41	29.5	1 503
2008	1 520	18	11	42	29.4	1 903
2009	5 140	23	15	39	28.3	1 697
2010	1 242	27	11	40	29.5	2 082

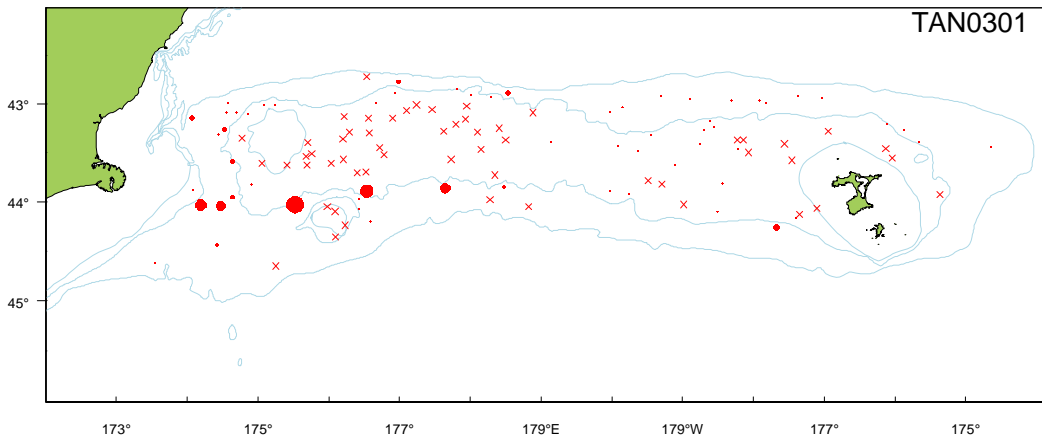
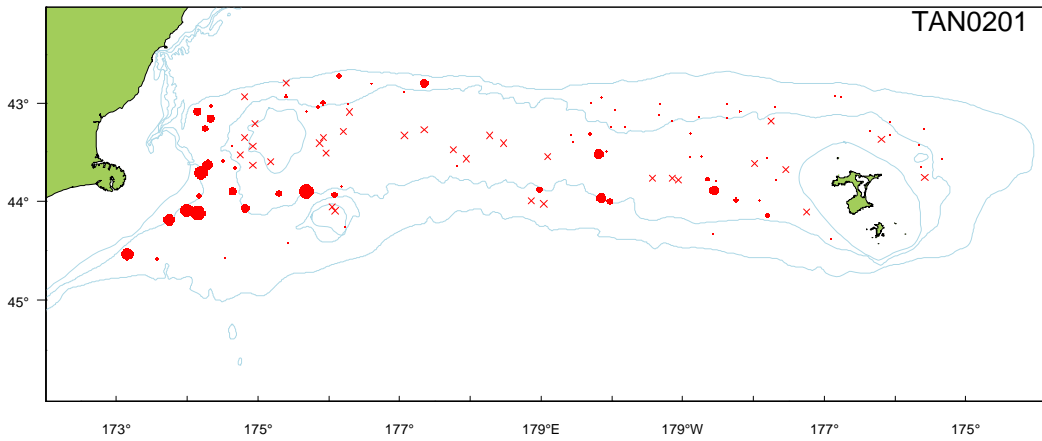
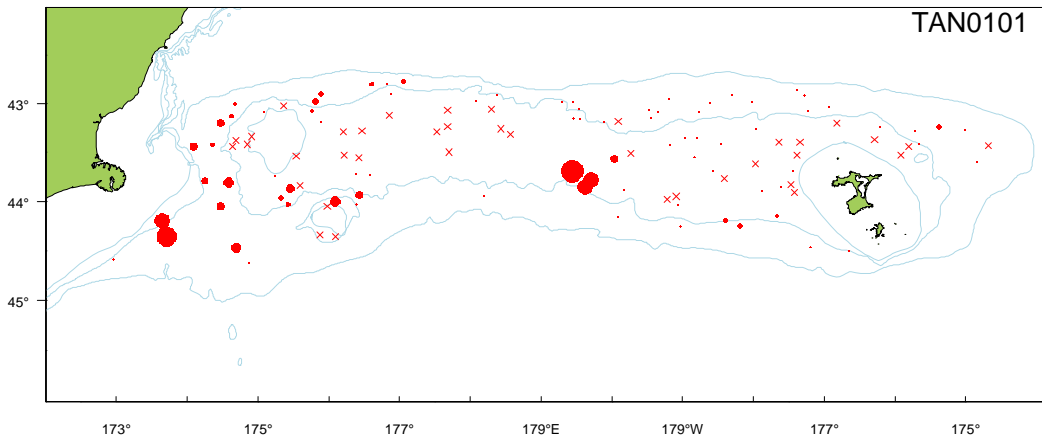
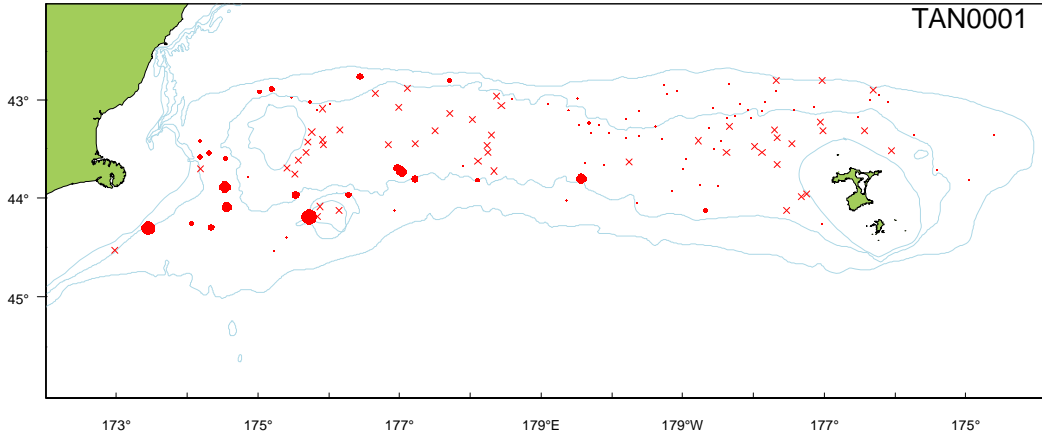


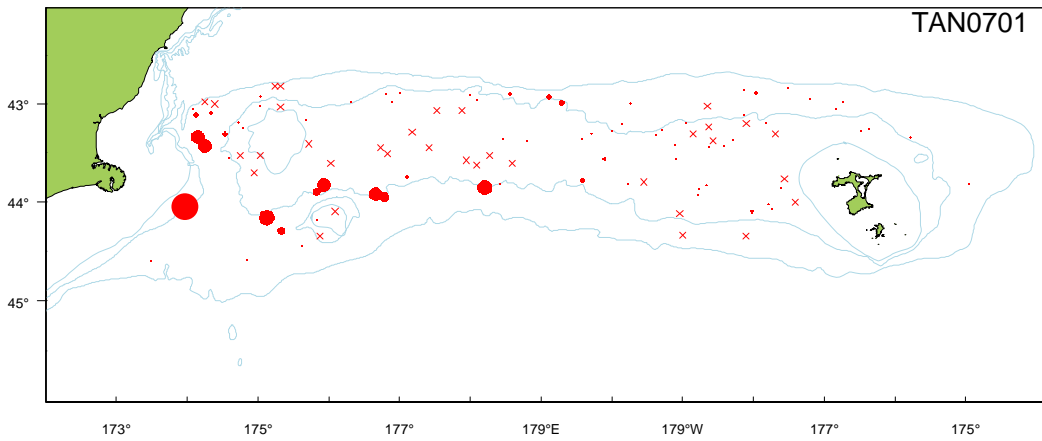
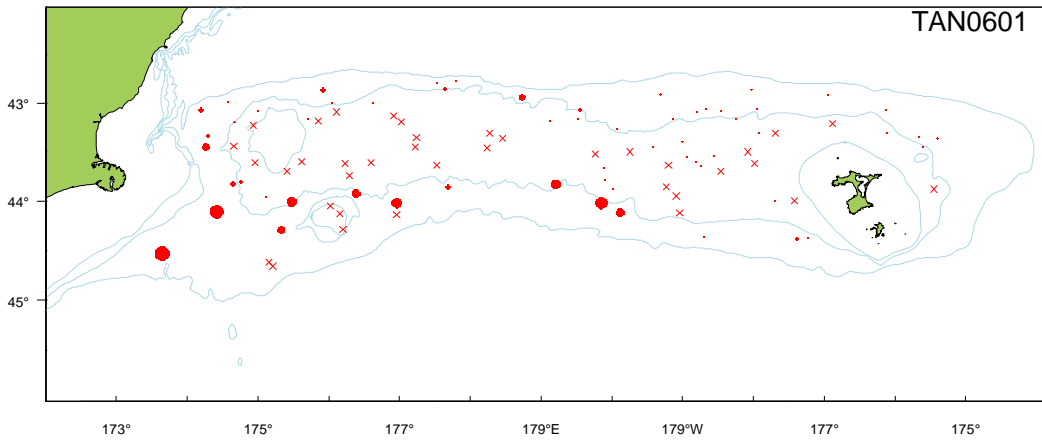
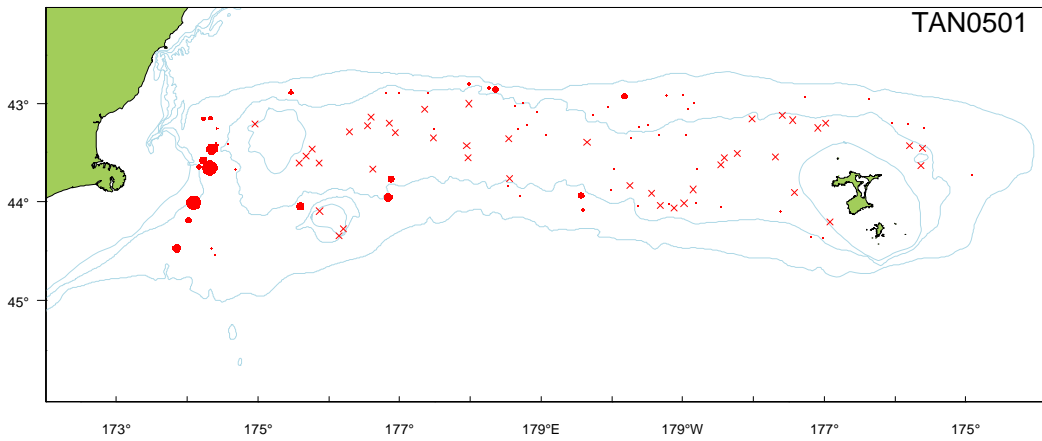
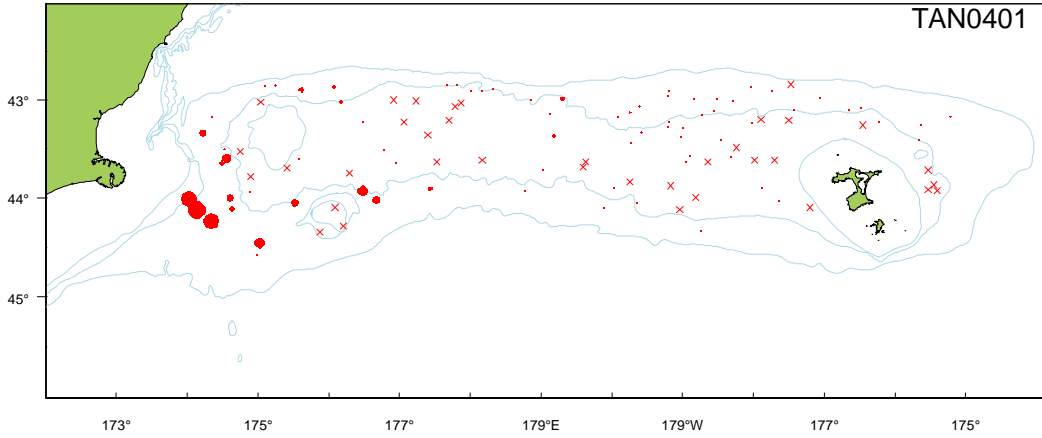
Distribution

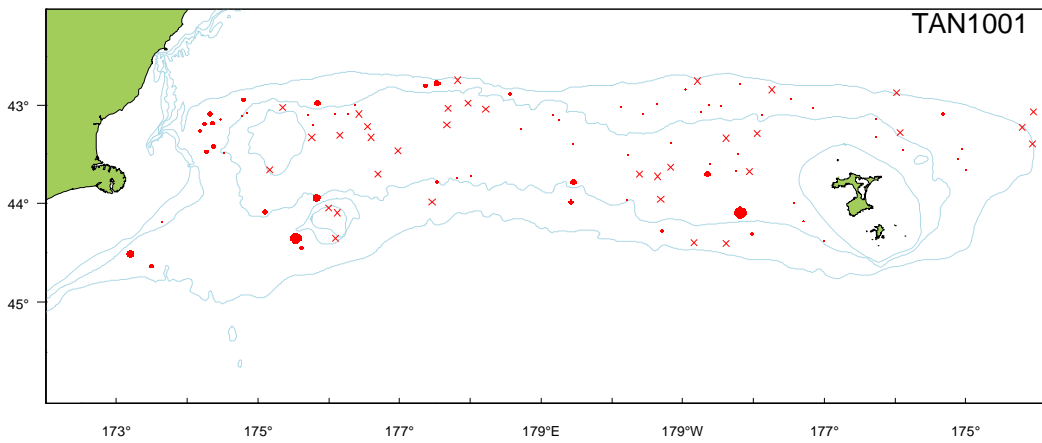
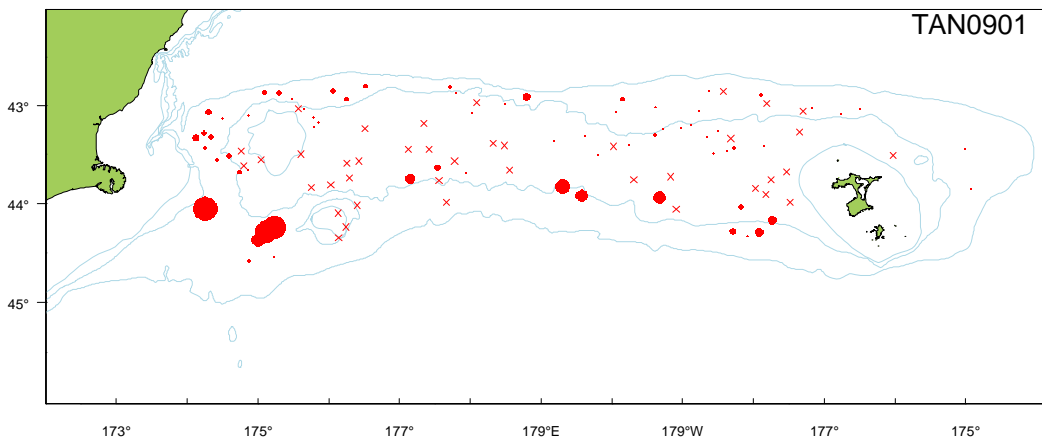
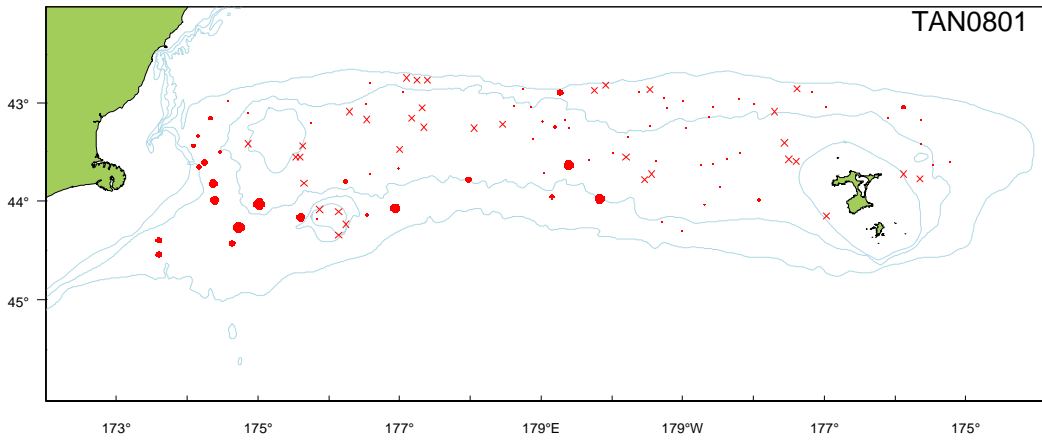




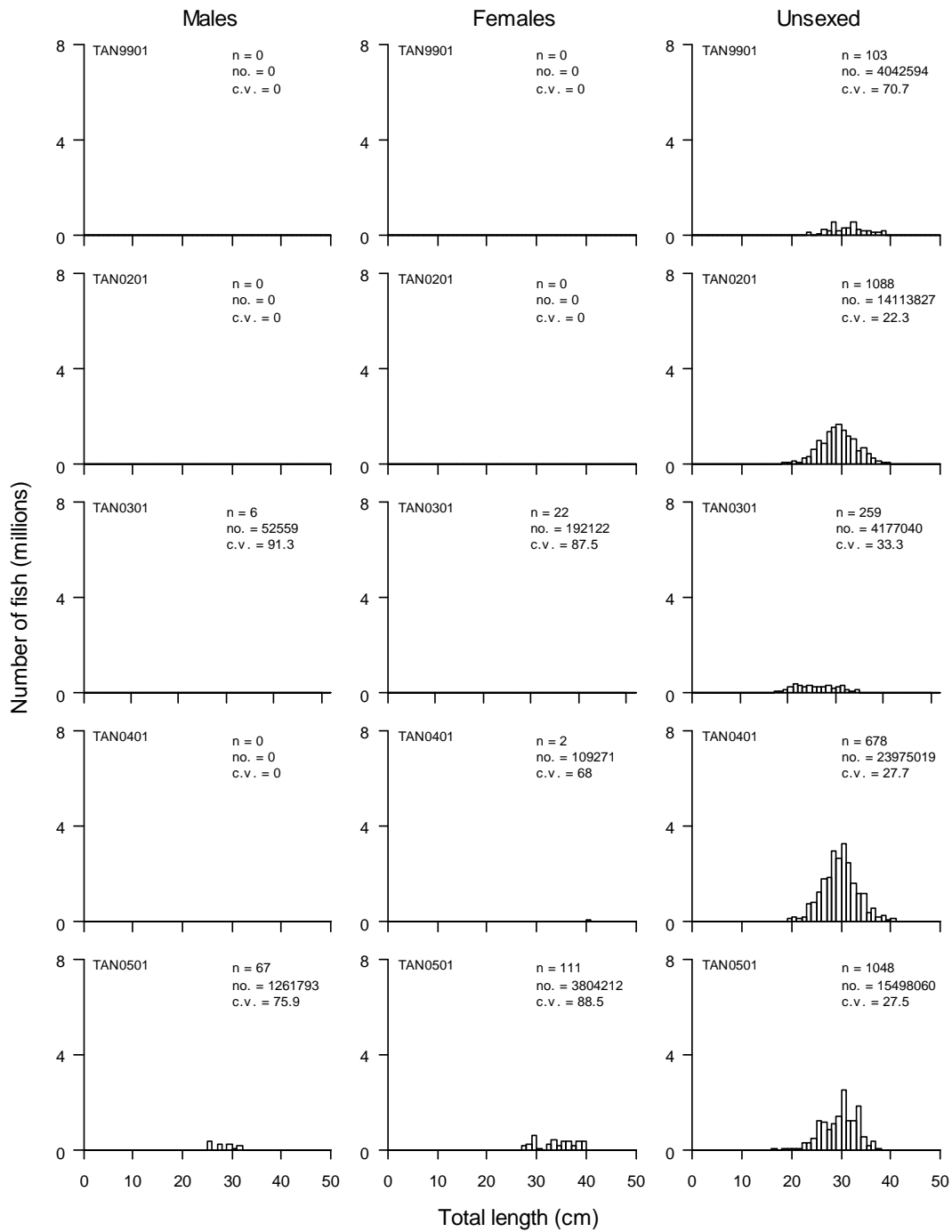


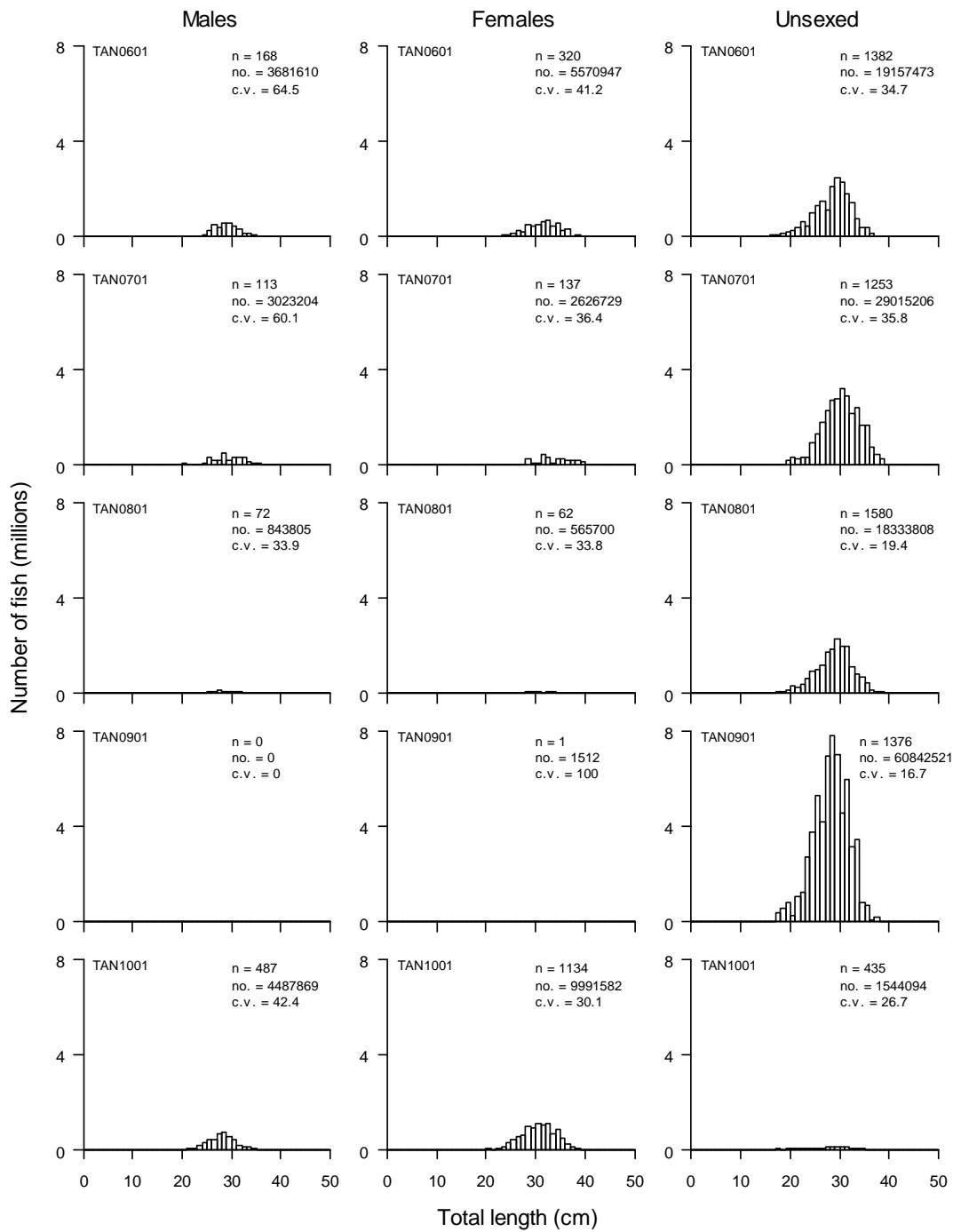






Length Frequencies





**Coded as COU**

Number of surveys caught 1992–2010 (out of 19):	13
Total catch weight (kg):	199.6

Coded as GDU

Number of surveys caught 1992–2010 (out of 19):	5
Total catch weight (kg):	49.5

Coded as SIA

Number of surveys caught 1992–2010 (out of 19):	4
Total catch weight (kg):	17.6

Coded as SPN

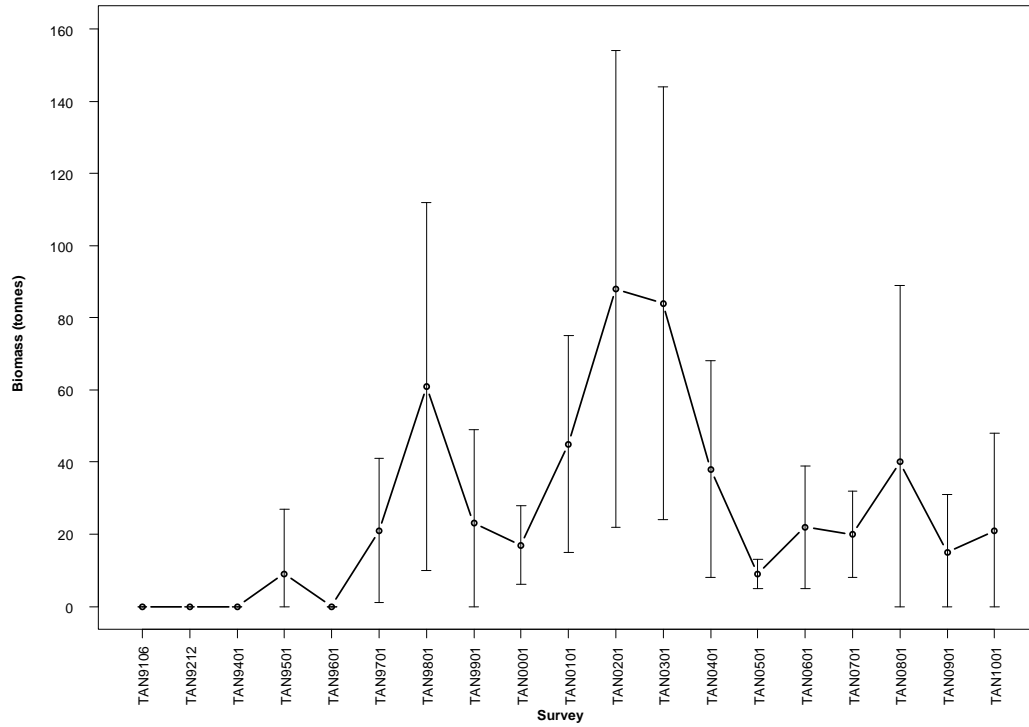
Number of surveys caught 1992–2010 (out of 19):	9
Total catch weight (kg):	18.9

The core survey area and depth range **is** appropriate for this group. Biomass of this group is **poorly** estimated in the core survey area. Biomass has **increased and then decreased** since the start of the time series.

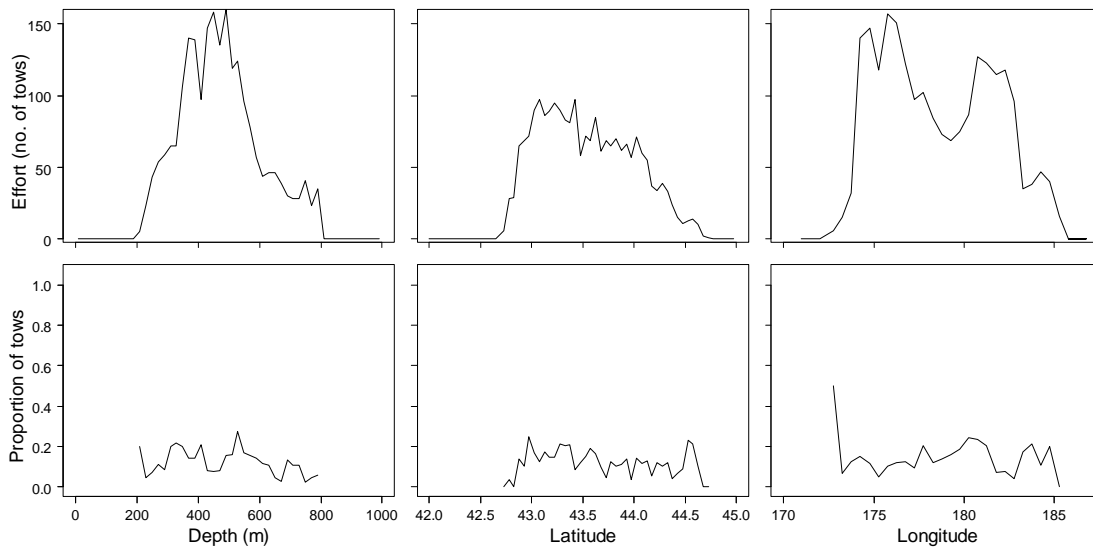
Relative biomass estimates

Year	Biomass (t)	cv (%)
1992	0	-
1993	0	-
1994	0	-
1995	9	100
1996	0	-
1997	21	49
1998	61	43
1999	23	57
2000	17	34
2001	45	34
2002	88	38
2003	84	36
2004	38	41
2005	9	25
2006	22	39
2007	20	32

2008	40	62
2009	15	54
2010	21	66



Distribution



Crabs

CRB

**Coded as ATC**

Number of surveys caught 1992–2010 (out of 19):

12

Total catch weight (kg):

54.2

Coded as CRB

Number of surveys caught 1992–2010 (out of 19):

16

Total catch weight (kg):

56.3

Coded as DAP

Number of surveys caught 1992–2010 (out of 19):

6

Total catch weight (kg):

18.1

Coded as LMU

Number of surveys caught 1992–2010 (out of 19):

11

Total catch weight (kg):

48.6

Coded as NEB

Number of surveys caught 1992–2010 (out of 19):

7

Total catch weight (kg):

24

Coded as OVM

Number of surveys caught 1992–2010 (out of 19):

4

Total catch weight (kg):

11.4

Coded as PAG

Number of surveys caught 1992–2010 (out of 19):

10

Total catch weight (kg):

21.9

Coded as PHS

Number of surveys caught 1992–2010 (out of 19):

8

Total catch weight (kg):

21.4

Coded as PZE

Number of surveys caught 1992–2010 (out of 19):

7

Total catch weight (kg):

12

Coded as SSC

Number of surveys caught 1992–2010 (out of 19):

8

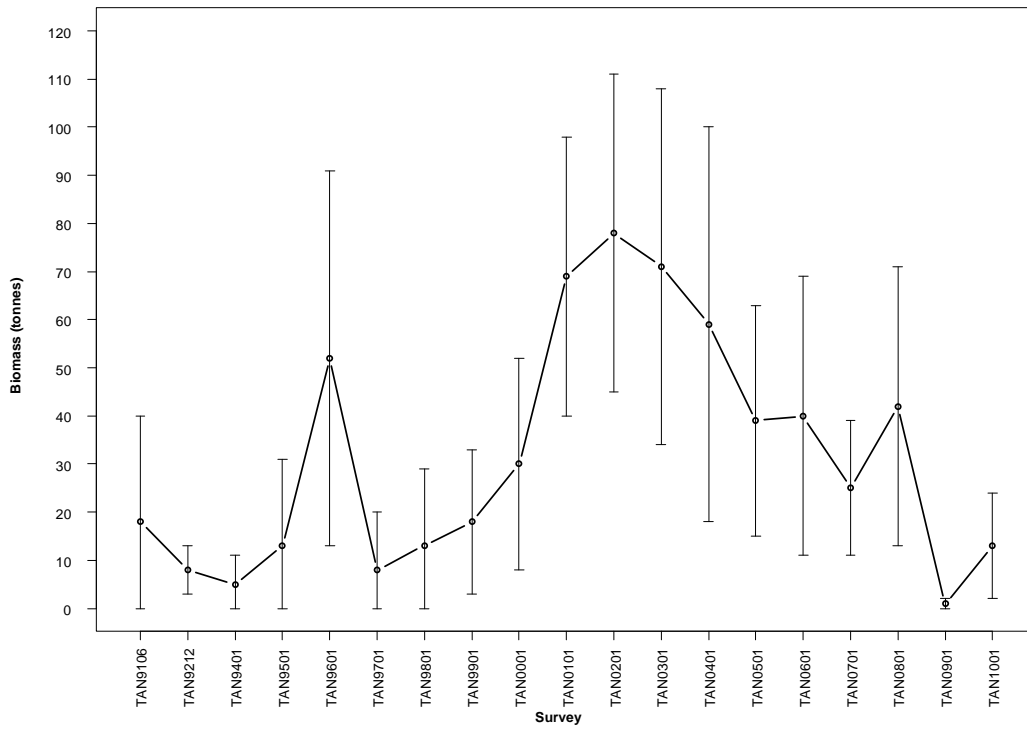
Total catch weight (kg):

16.8

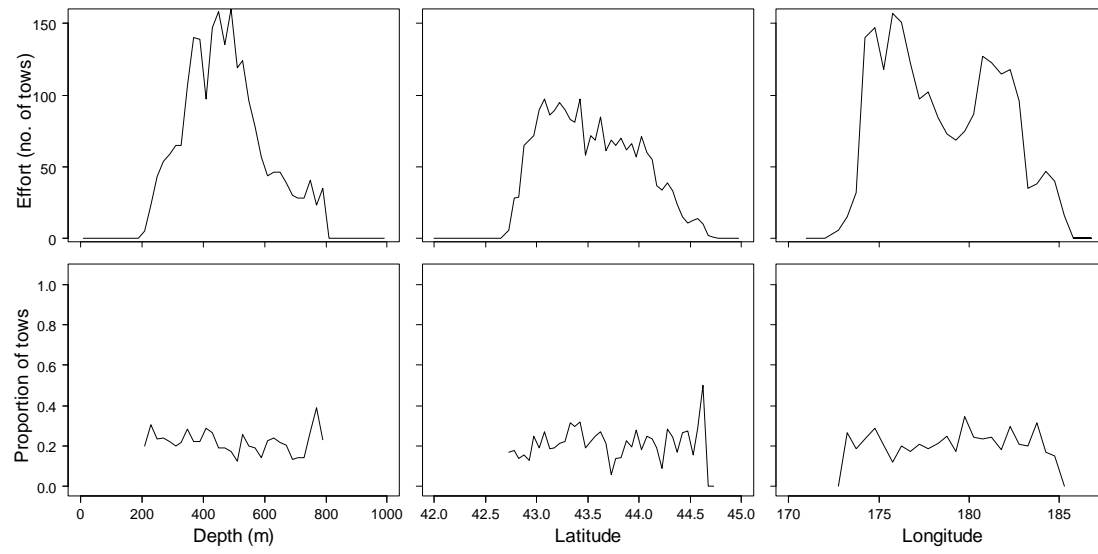
The core survey area and depth range is appropriate for this group. Biomass of this group is **poorly** estimated in the core survey area. Biomass has **increased and then decreased** since the start of the time series.

Relative biomass estimates

Year	Biomass (t)	cv (%)
1992	18	63
1993	8	30
1994	5	61
1995	13	71
1996	52	38
1997	8	78
1998	13	61
1999	18	43
2000	30	38
2001	69	22
2002	78	22
2003	71	27
2004	59	35
2005	39	31
2006	40	37
2007	25	29
2008	42	36
2009	1	62
2010	13	45



Distribution



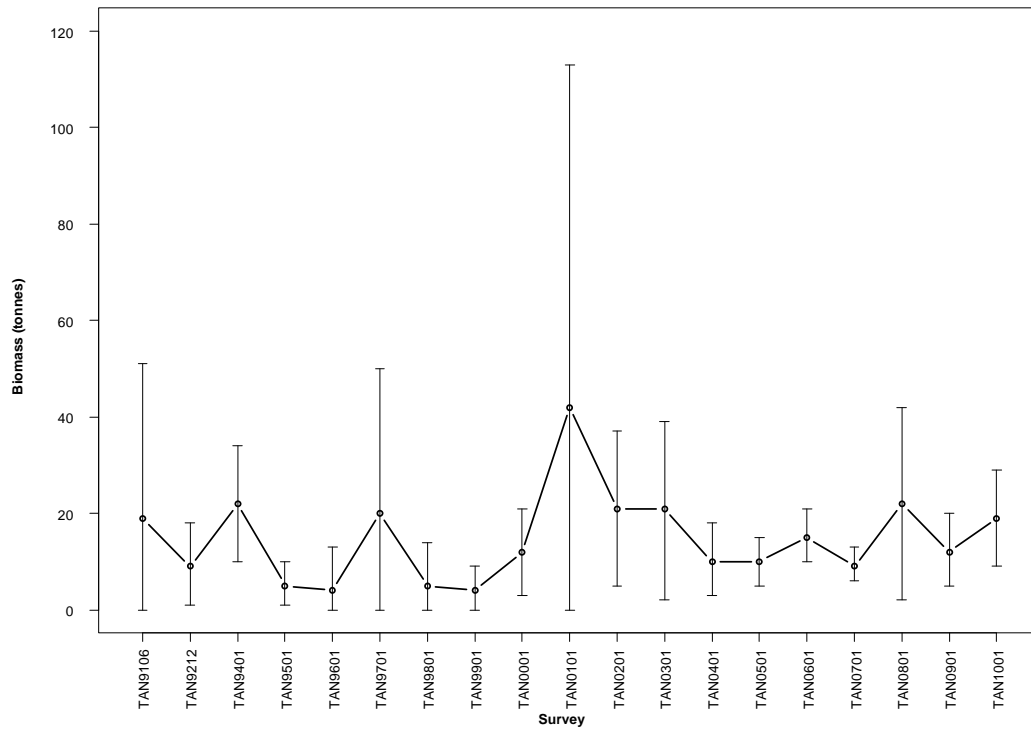


Number of surveys caught 1992–2010 (out of 19):	19
Total catch weight (kg):	310.6
Number measured	368
Length range (mean) (cm, TL)	35–48 (41.4)
Number weighed	270
Length-weight parameters a, b (r^2)	–

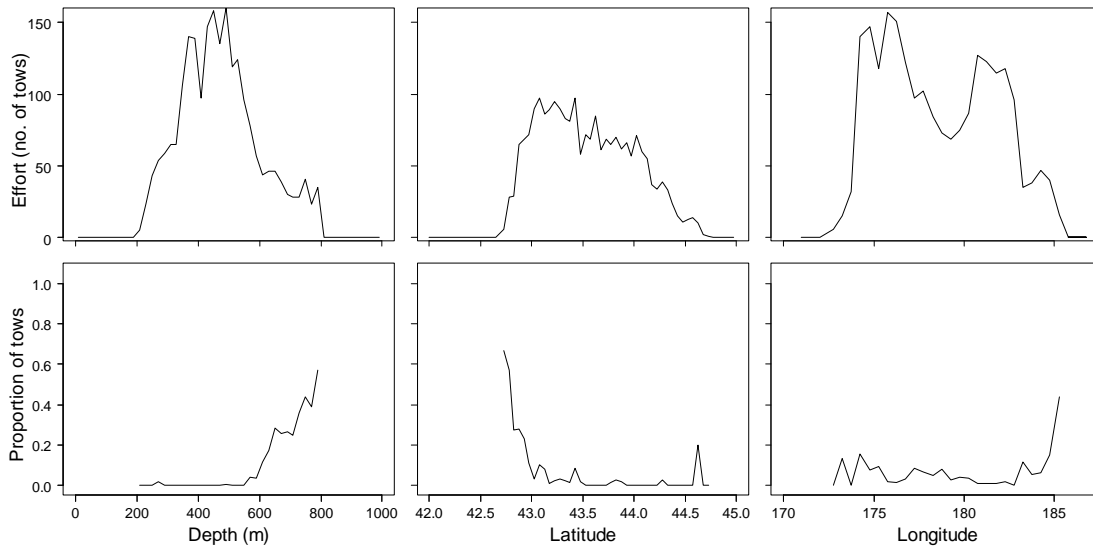
The core survey area and depth range **is not** appropriate for this species. It is found **deeper than 800 m**. Biomass of this species is **poorly** estimated in the core survey area. Biomass **shows no clear trend** since the start of the time series. Catch rates are highest in the **north**.

Relative biomass estimates

Year	Biomass (t)	cv (%)
1992	19	84
1993	9	46
1994	22	28
1995	5	45
1996	4	90
1997	20	74
1998	5	91
1999	4	57
2000	12	37
2001	42	84
2002	21	39
2003	21	45
2004	10	37
2005	10	24
2006	15	19
2007	9	18
2008	22	46
2009	12	29
2010	19	27



Distribution



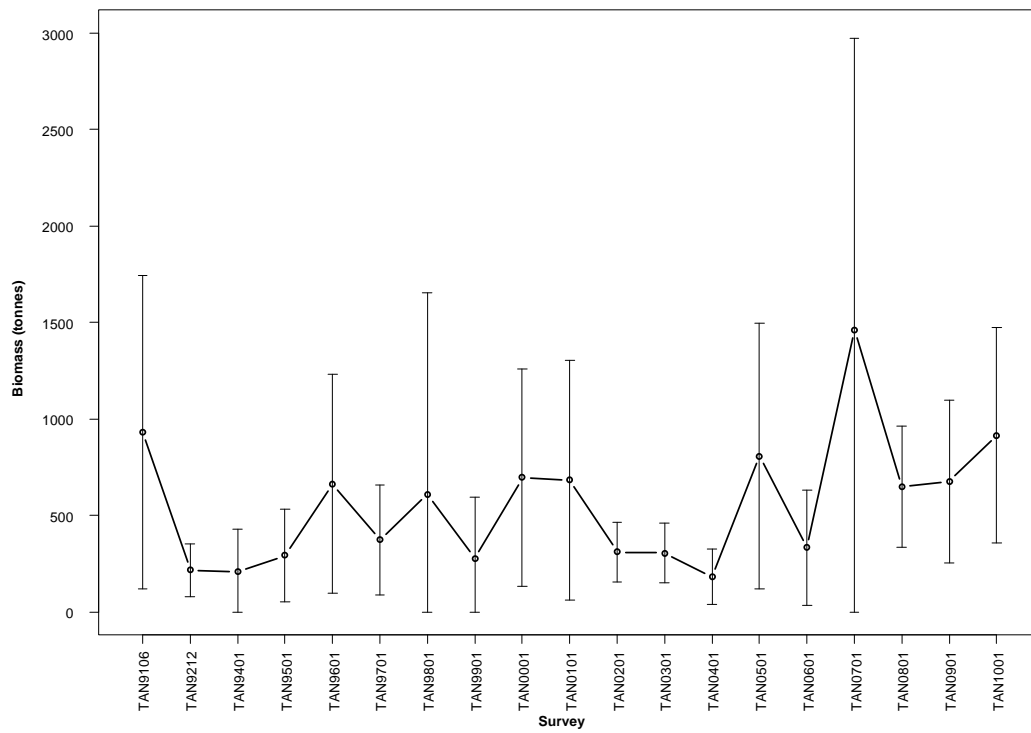


Number of surveys caught 1992–2010 (out of 19):	19
Total catch weight (kg):	4 295.6
Number measured	297
Length range (mean) (cm, TL)	41–145 (95.6)
Number weighed	255
Length-weight parameters a, b (r^2)	–

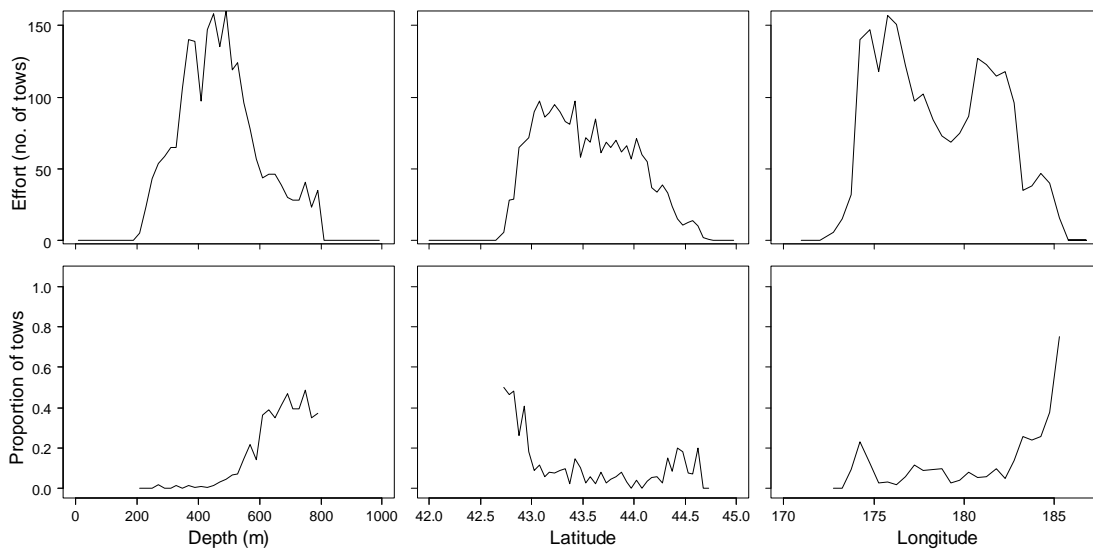
The core survey area and depth range **is not** appropriate for this species. It is found **deeper than 800 m**. Biomass of this species is **poorly** estimated in the core survey area. Biomass has **increased** since the start of the time series. Catch rates are highest in the **north and east**. Gonad stage data indicate that most fish are **immature**. **Some mature fish are also caught, but few gravid females.**

Relative biomass estimates

Year	Biomass (t)	cv (%)
1992	931	44
1993	216	31
1994	210	52
1995	292	41
1996	664	43
1997	374	38
1998	609	86
1999	276	58
2000	696	40
2001	683	45
2002	310	25
2003	305	25
2004	183	39
2005	808	43
2006	334	45
2007	1 463	52
2008	648	24
2009	676	31
2010	915	31



Distribution



Gonad Stage Information (Cartilagenous)

Males

Year	p_M1	p_M2	p_M3	n_allM
1992	NA	NA	NA	0
1993	NA	NA	NA	0
1994	NA	NA	NA	0
1995	NA	NA	NA	0
1996	NA	NA	NA	0
1997	NA	NA	NA	0
1998	NA	NA	NA	0
1999	NA	NA	NA	0
2000	NA	NA	NA	0
2001	NA	NA	NA	0
2002	NA	NA	NA	0
2003	NA	NA	NA	0
2004	NA	NA	NA	0
2005	NA	NA	NA	0
2006	NA	NA	NA	0
2007	NA	NA	NA	0
2008	NA	NA	NA	0
2009	0.71	0.06	0.24	17
2010	0.68	0.18	0.14	22
ALL	0.69	0.13	0.18	39

Females

Year	p_F1	p_F2	p_F3	p_F4	p_F5	p_F6	n_allF
1992	NA	NA	NA	NA	NA	NA	0
1993	NA	NA	NA	NA	NA	NA	0
1994	NA	NA	NA	NA	NA	NA	0
1995	NA	NA	NA	NA	NA	NA	0
1996	NA	NA	NA	NA	NA	NA	0
1997	NA	NA	NA	NA	NA	NA	0
1998	NA	NA	NA	NA	NA	NA	0
1999	NA	NA	NA	NA	NA	NA	0
2000	NA	NA	NA	NA	NA	NA	0
2001	NA	NA	NA	NA	NA	NA	0
2002	NA	NA	NA	NA	NA	NA	0
2003	NA	NA	NA	NA	NA	NA	0
2004	NA	NA	NA	NA	NA	NA	0
2005	NA	NA	NA	NA	NA	NA	0
2006	NA	NA	NA	NA	NA	NA	0
2007	NA	NA	NA	NA	NA	NA	0
2008	NA	NA	NA	NA	NA	NA	0
2009	0.54	0.12	0.33	0	0	0	24
2010	0.46	0.26	0.23	0.06	0	0	35
ALL	0.49	0.2	0.27	0.03	0	0	59

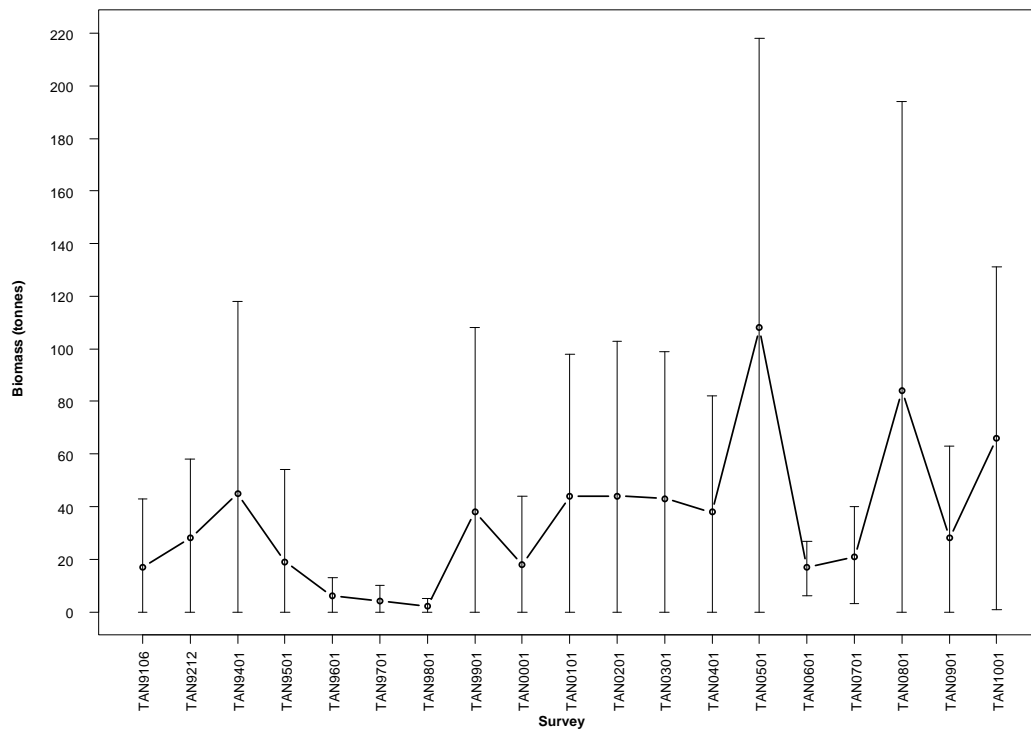


Number of surveys caught 1992–2010 (out of 19):	19
Total catch weight (kg):	1 172.5
Number measured	2 890
Length range (mean) (cm, TL)	12–40 (32.9)
Number weighed	219
Length-weight parameters a, b (r^2)	–

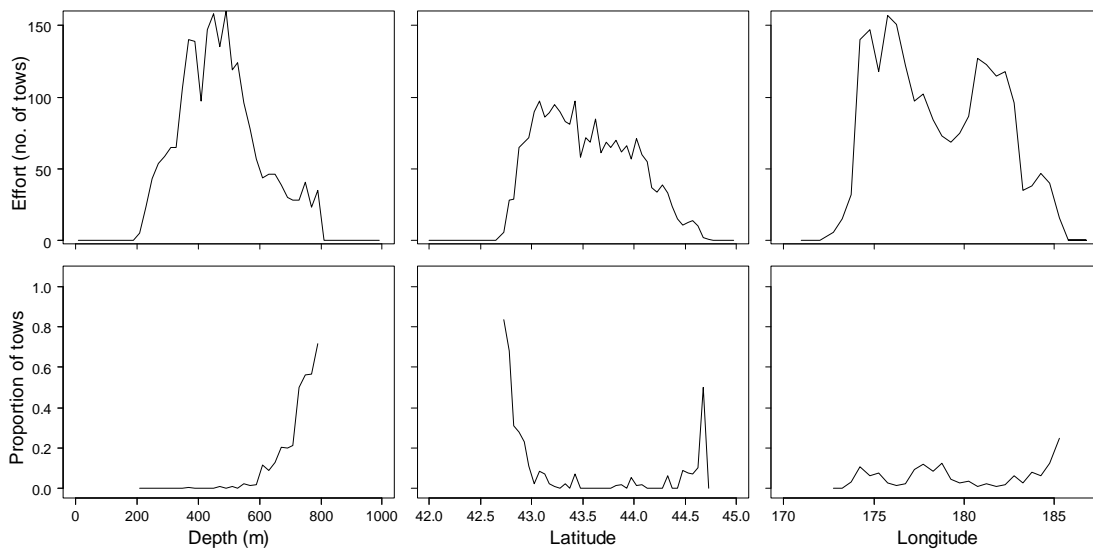
The core survey area and depth range **is not** appropriate for this species. It is found **deeper than 800 m**. Biomass of this species is **poorly** estimated in the core survey area. Biomass **shows no clear trend** since the start of the time series. Catch rates are highest in the **north**.

Relative biomass estimates

Year	Biomass (t)	cv (%)
1992	17	74
1993	28	55
1994	45	82
1995	19	91
1996	6	54
1997	4	63
1998	2	100
1999	38	91
2000	18	74
2001	44	62
2002	44	66
2003	43	65
2004	38	59
2005	108	51
2006	17	31
2007	21	43
2008	84	66
2009	28	62
2010	66	49



Distribution



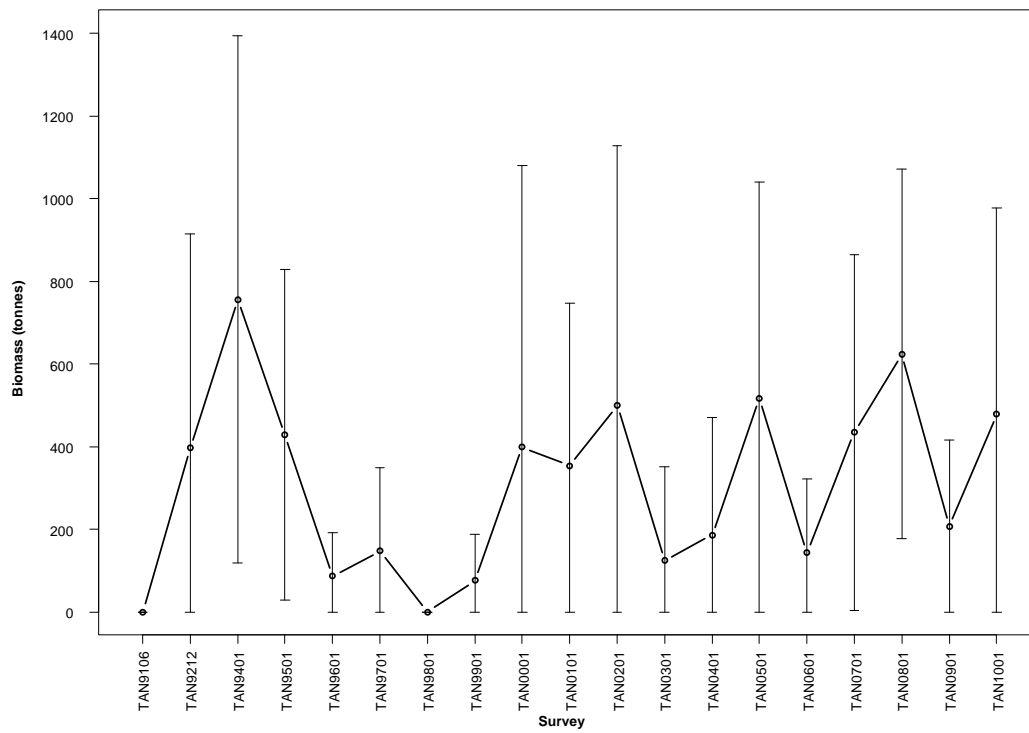


Number of surveys caught 1992–2010 (out of 19):	17
Total catch weight (kg):	3 971.1
Number measured	511
Length range (mean) (cm, TL)	19–126 (88.5)
Number weighed	388
Length-weight parameters a, b (r^2)	–

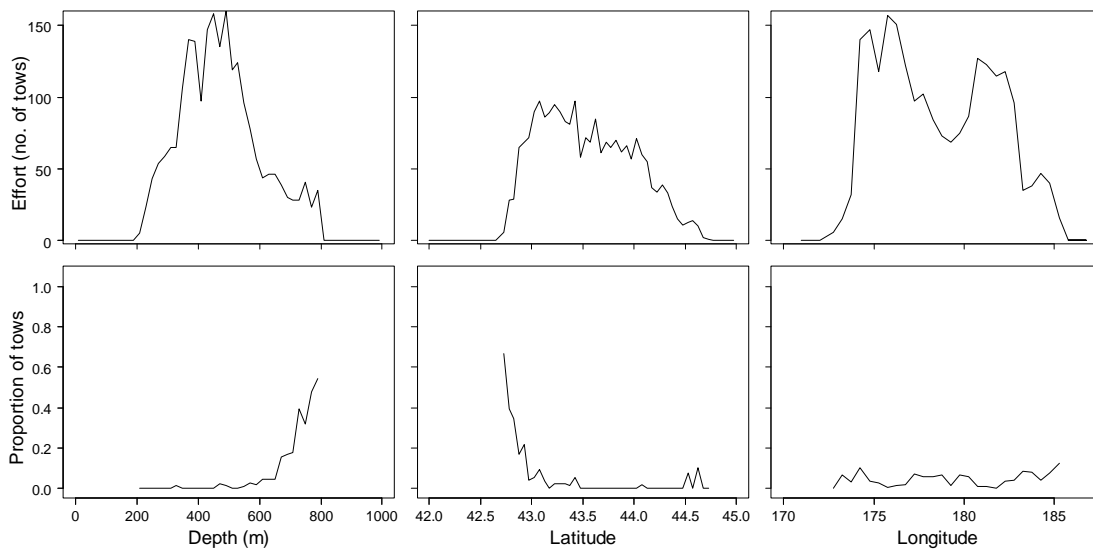
The core survey area and depth range **is not** appropriate for this species. It is found **deeper than 800 m**. Biomass of this species is **poorly** estimated in the core survey area. Biomass **shows no clear trend** since the start of the time series. Catch rates are highest in the **north**. Gonad stage data indicate that most fish are **mature, including some gravid females**.

Relative biomass estimates

Year	Biomass (t)	cv (%)
1992	0	-
1993	396	66
1994	756	42
1995	429	47
1996	86	61
1997	147	68
1998	0	-
1999	76	73
2000	399	86
2001	353	56
2002	499	63
2003	124	91
2004	186	76
2005	516	51
2006	143	62
2007	434	50
2008	624	36
2009	207	50
2010	479	52



Distribution



Gonad Stage Information (Cartilagenous)

Males

Year	p_M1	p_M2	p_M3	n_allM
1992	NA	NA	NA	0
1993	NA	NA	NA	0
1994	NA	NA	NA	0
1995	NA	NA	NA	0
1996	NA	NA	NA	0
1997	NA	NA	NA	0
1998	NA	NA	NA	0
1999	NA	NA	NA	0
2000	NA	NA	NA	0
2001	NA	NA	NA	0
2002	NA	NA	NA	0
2003	NA	NA	NA	0
2004	NA	NA	NA	0
2005	NA	NA	NA	0
2006	NA	NA	NA	0
2007	NA	NA	NA	0
2008	NA	NA	NA	0
2009	0	0.25	0.75	8
2010	0	0	1	11
ALL	0	0.11	0.89	19

Females

Year	p_F1	p_F2	p_F3	p_F4	p_F5	p_F6	n_allF
1992	NA	NA	NA	NA	NA	NA	0
1993	NA	NA	NA	NA	NA	NA	0
1994	NA	NA	NA	NA	NA	NA	0
1995	NA	NA	NA	NA	NA	NA	0
1996	NA	NA	NA	NA	NA	NA	0
1997	NA	NA	NA	NA	NA	NA	0
1998	NA	NA	NA	NA	NA	NA	0
1999	NA	NA	NA	NA	NA	NA	0
2000	NA	NA	NA	NA	NA	NA	0
2001	NA	NA	NA	NA	NA	NA	0
2002	NA	NA	NA	NA	NA	NA	0
2003	NA	NA	NA	NA	NA	NA	0
2004	NA	NA	NA	NA	NA	NA	0
2005	NA	NA	NA	NA	NA	NA	0
2006	NA	NA	NA	NA	NA	NA	0
2007	NA	NA	NA	NA	NA	NA	0
2008	NA	NA	NA	NA	NA	NA	0
2009	0	0.44	0.33	0.22	0	0	9
2010	0.1	0.3	0.3	0.3	0	0	10
ALL	0.05	0.37	0.32	0.26	0	0	19

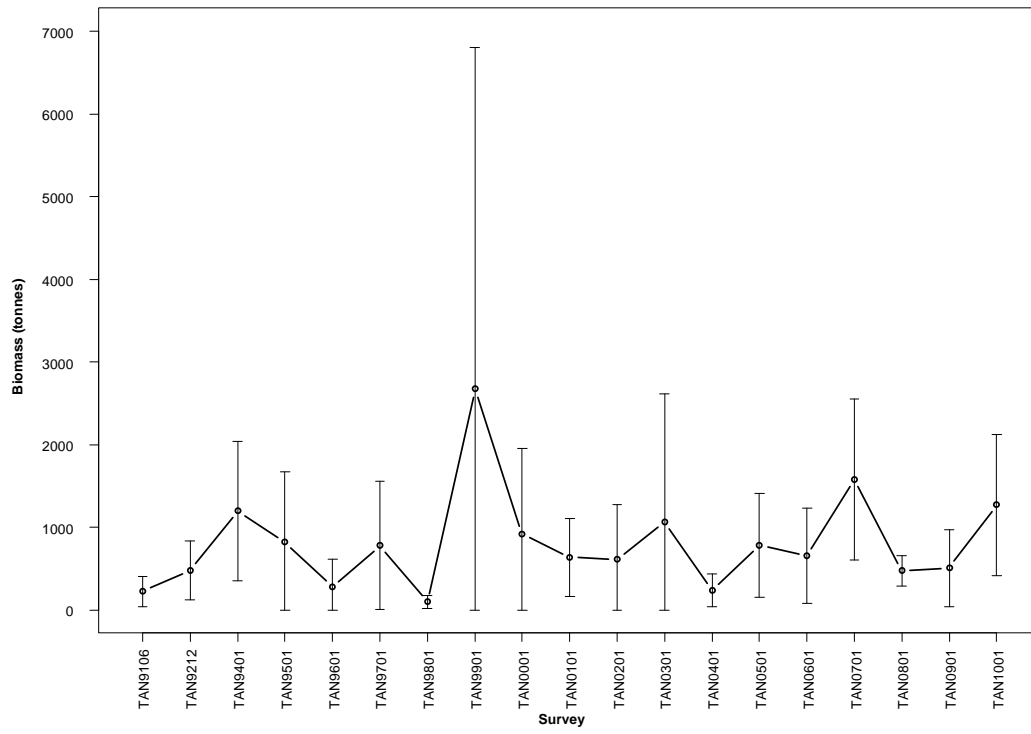


Number of surveys caught 1992–2010 (out of 19):	19
Total catch weight (kg):	10 631.4
Number measured	4 044
Length range (mean) (cm, TL)	17–103 (56.4)
Number weighed	1 600
Length-weight parameters a, b (r ²)	0.00243, 3.144522 (98.77)

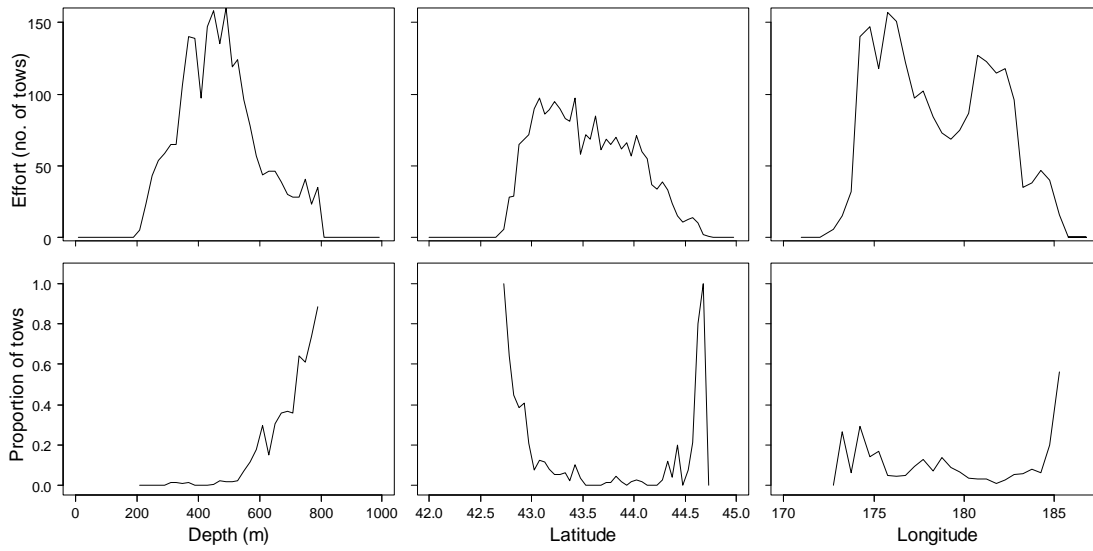
The core survey area and depth range **is not** appropriate for this species. It is found **deeper than 800 m**. Biomass of this species is **poorly** estimated in the core survey area. Biomass **shows no clear trend** since the start of the time series. Catch rates are highest in the **north**. Length frequencies are usually **bimodal**. Mean length **shows no clear trend** since the start of the time series. Gonad stage data indicate that fish **of all stages** are observed in the survey.

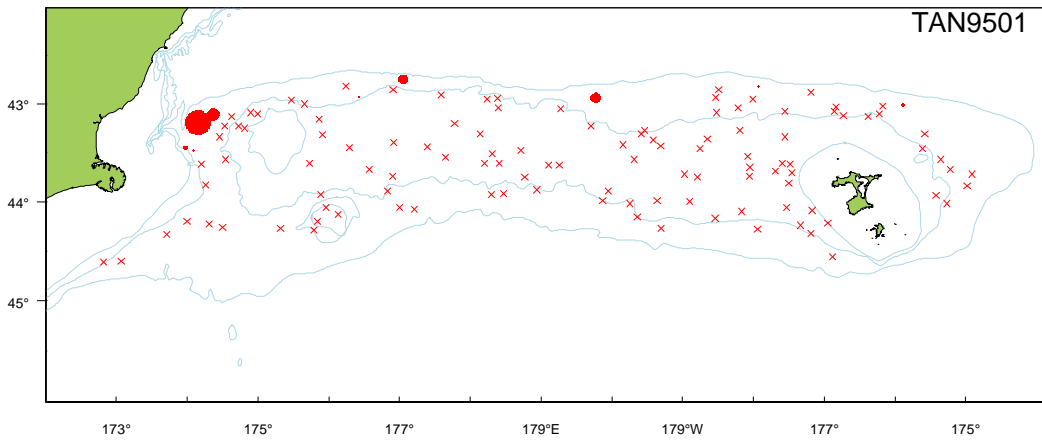
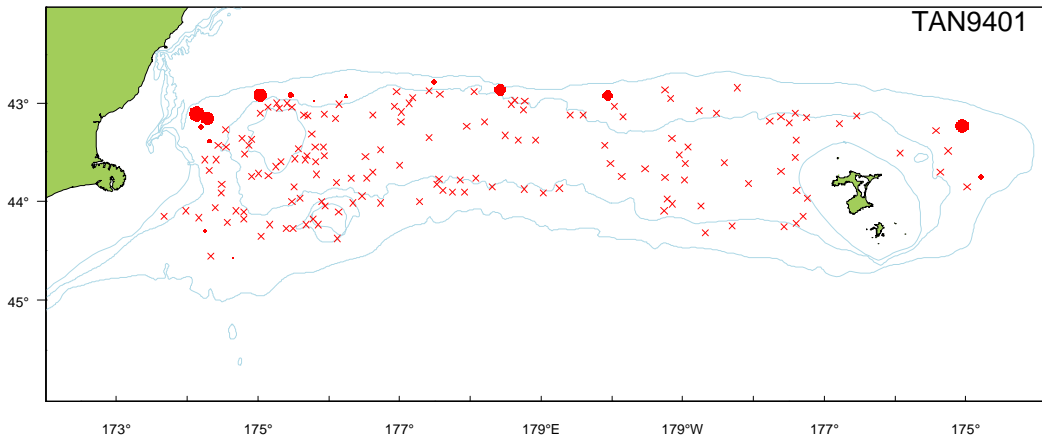
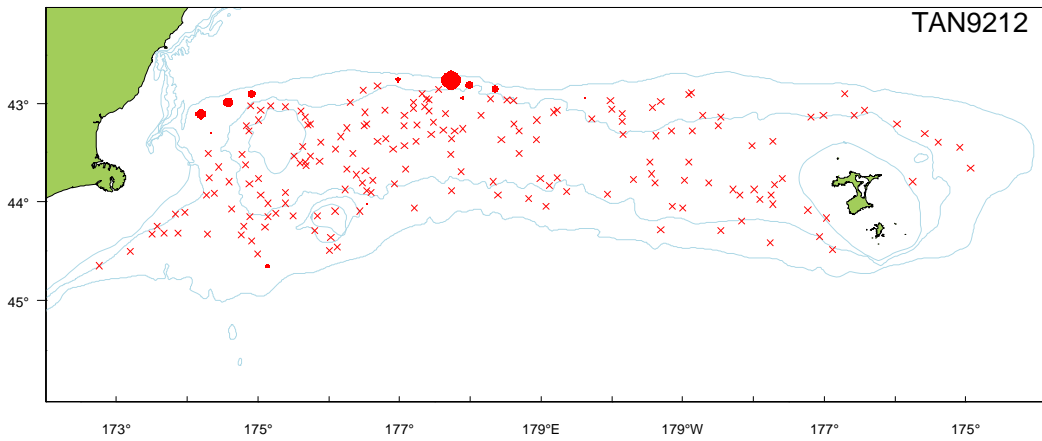
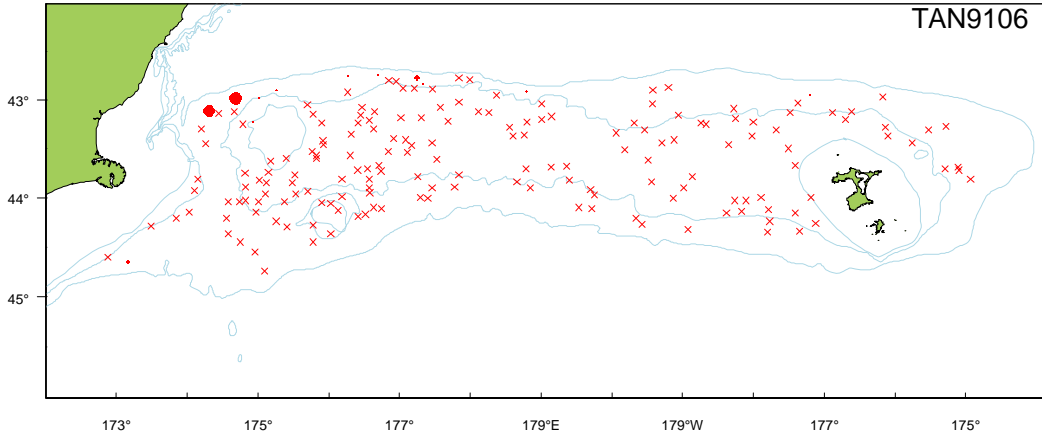
Relative biomass estimates and length summary

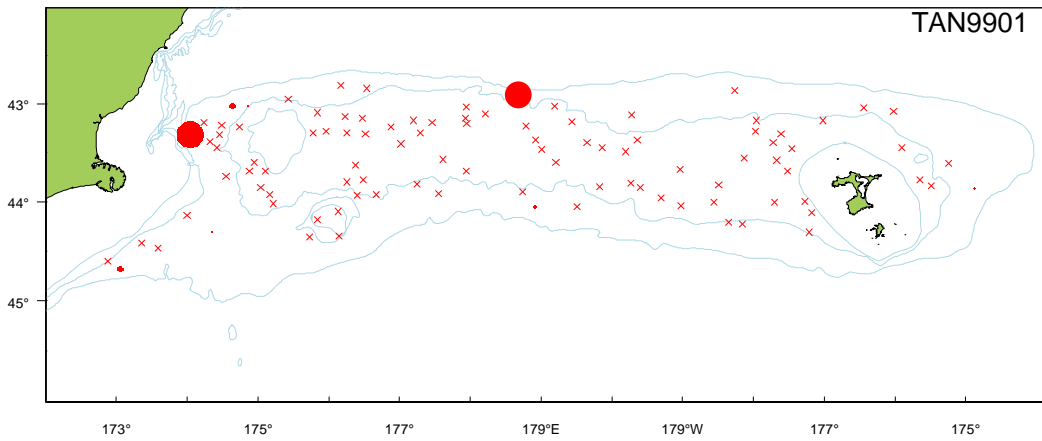
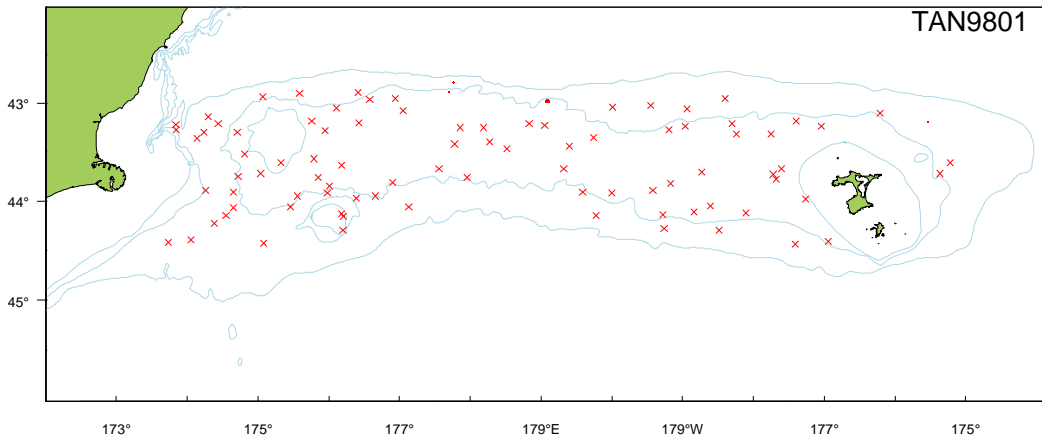
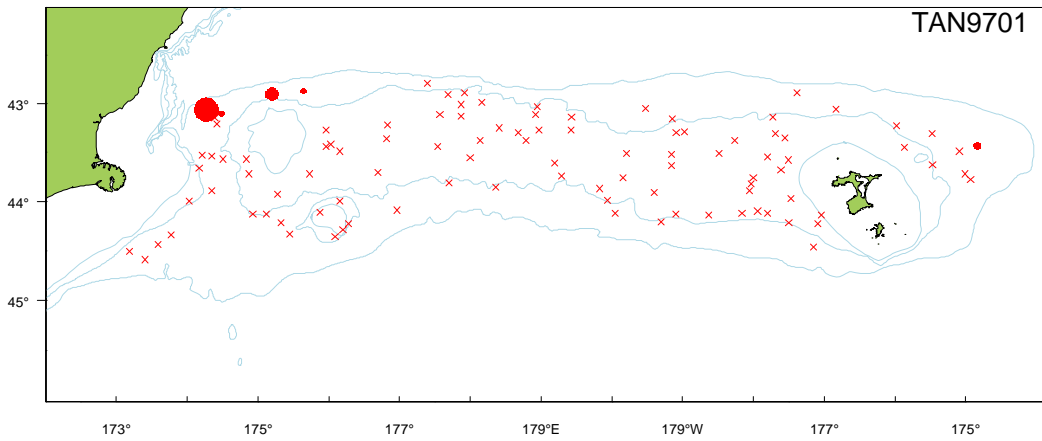
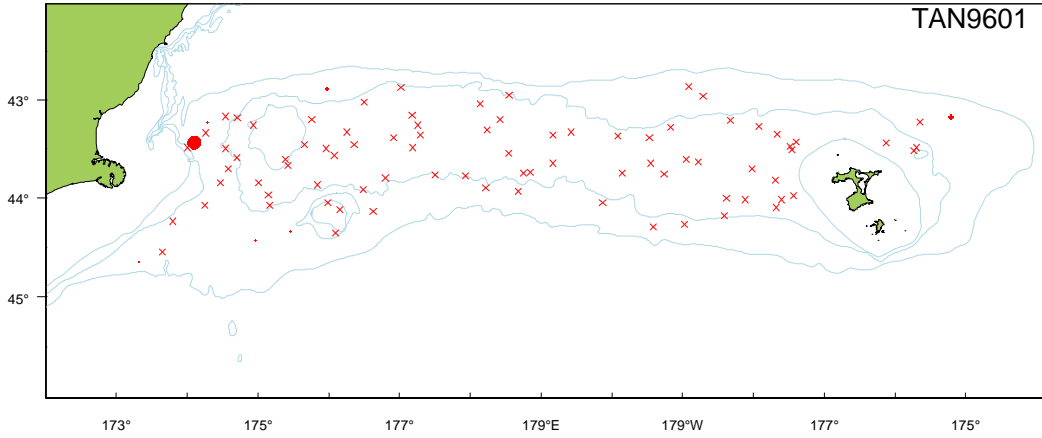
Year	Biomass (t)	cv (%)	Length (cm)			No. measure
			Min.	Max.	Mean	
1992	222	41	-	-	-	0
1993	480	37	-	-	-	0
1994	1 196	35	-	-	-	0
1995	821	52	-	-	-	0
1996	278	59	-	-	-	0
1997	777	50	-	-	-	0
1998	97	40	-	-	-	0
1999	2 671	77	32	91	69.2	169
2000	920	56	-	-	-	0
2001	634	37	-	-	-	0
2002	609	55	24	92	54.1	206
2003	1 065	73	25	94	52.7	317
2004	237	41	27	94	48.3	177
2005	777	40	29	103	63.0	217
2006	650	44	30	99	57.4	291
2007	1 577	31	31	96	64.3	385
2008	473	19	23	91	53.6	273
2009	507	46	30	93	46.2	327
2010	1 268	34	17	97	57.0	479

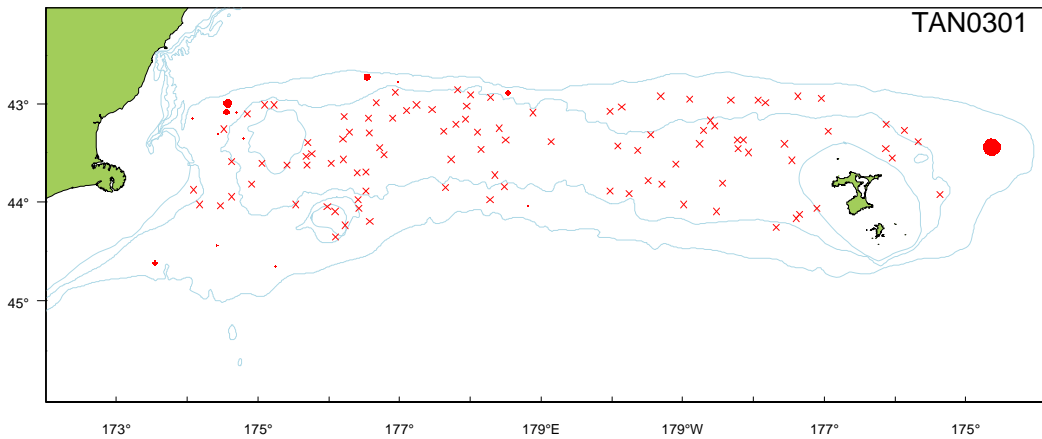
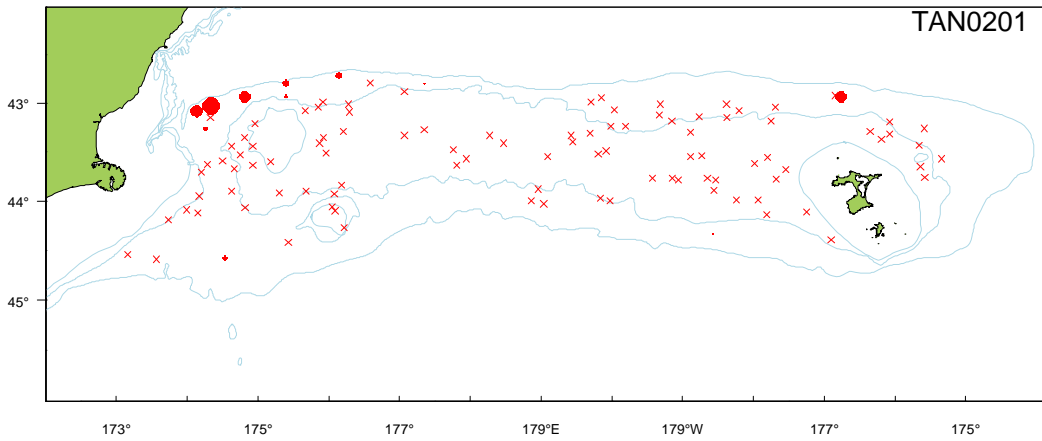
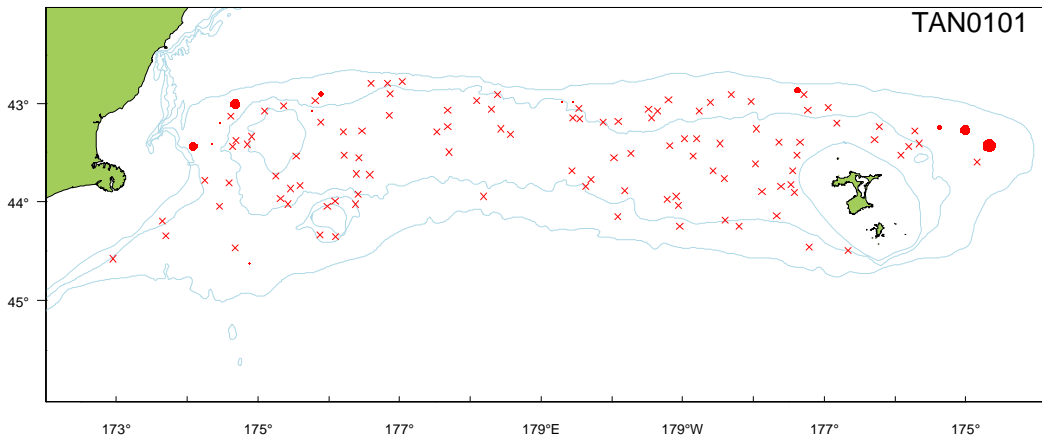
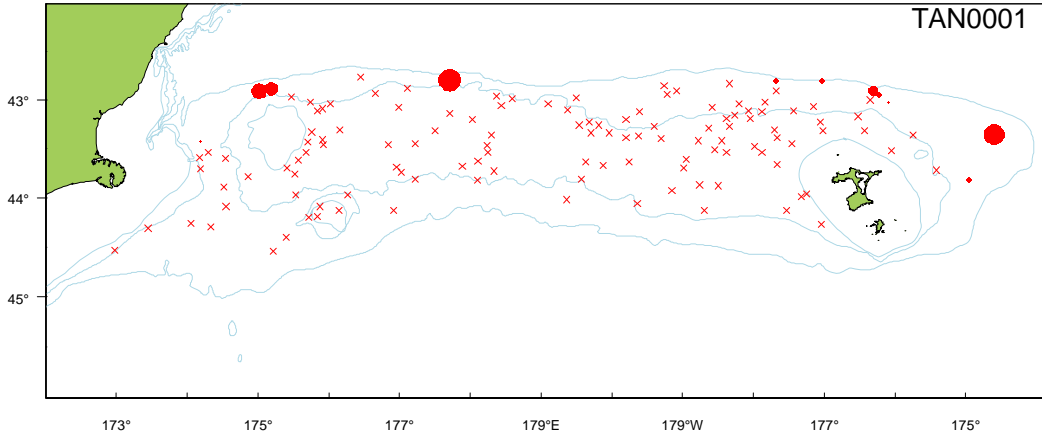


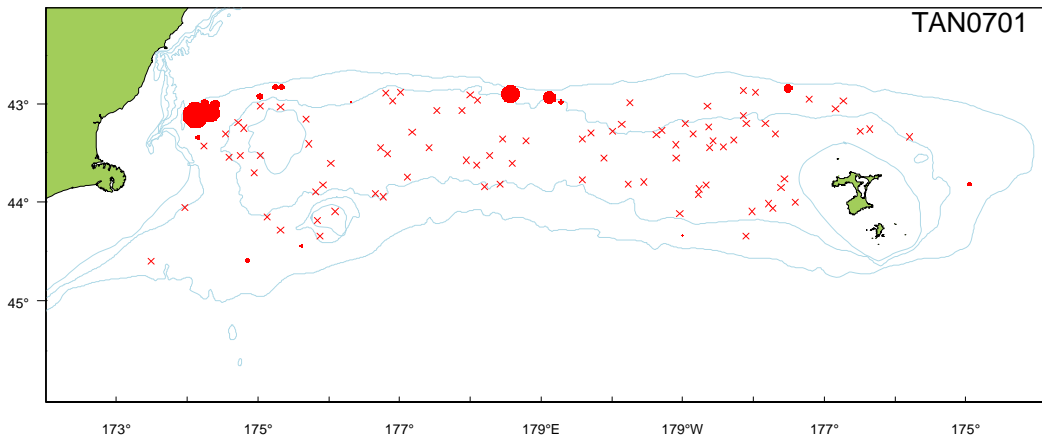
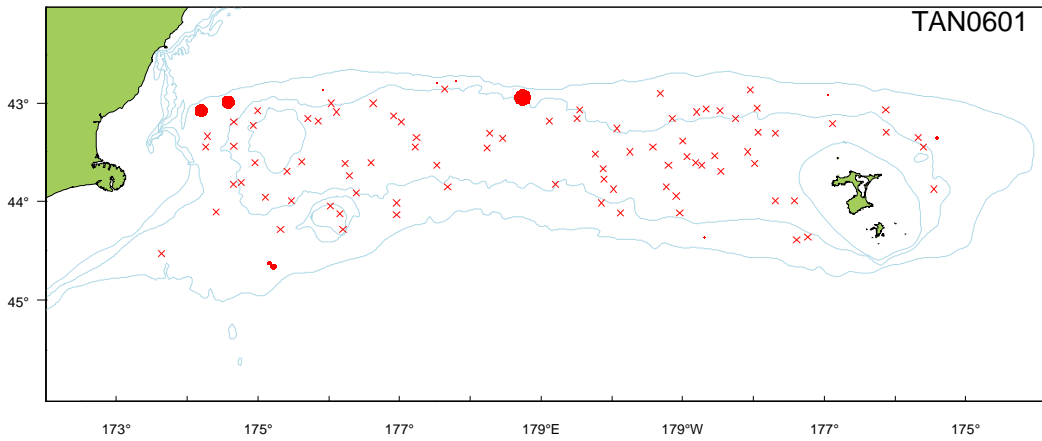
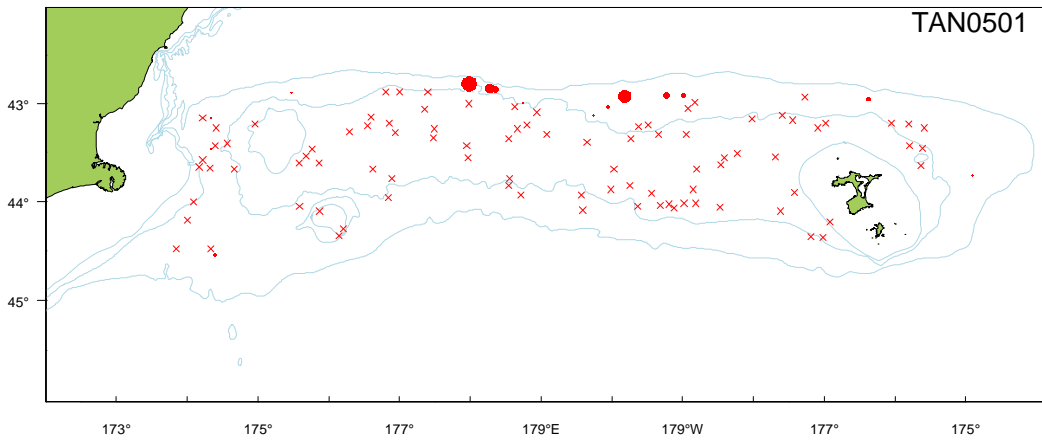
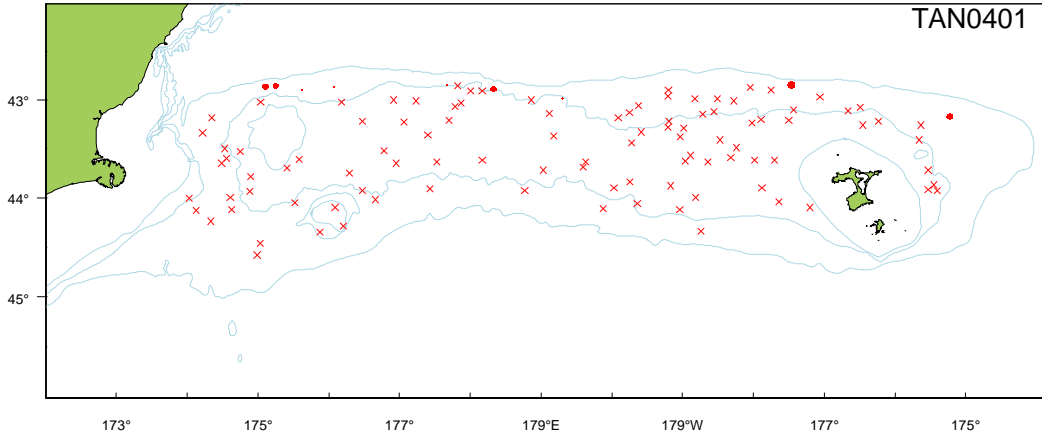
Distribution

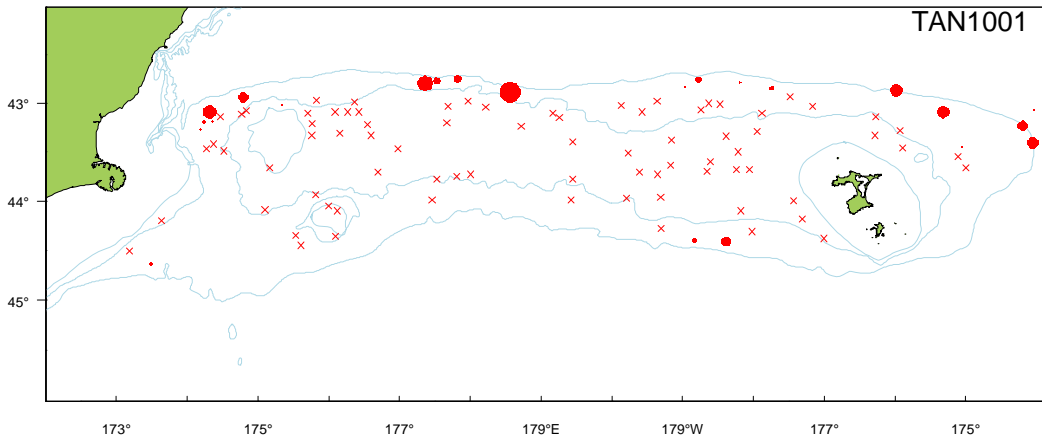
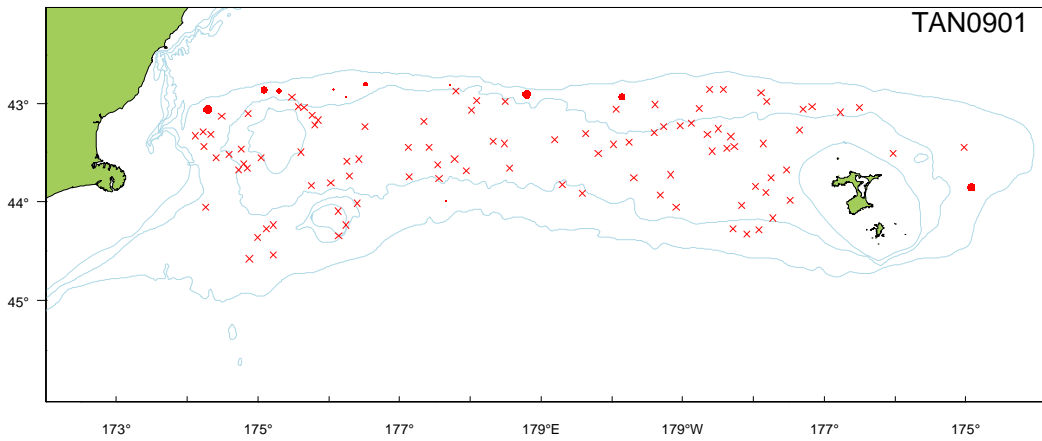
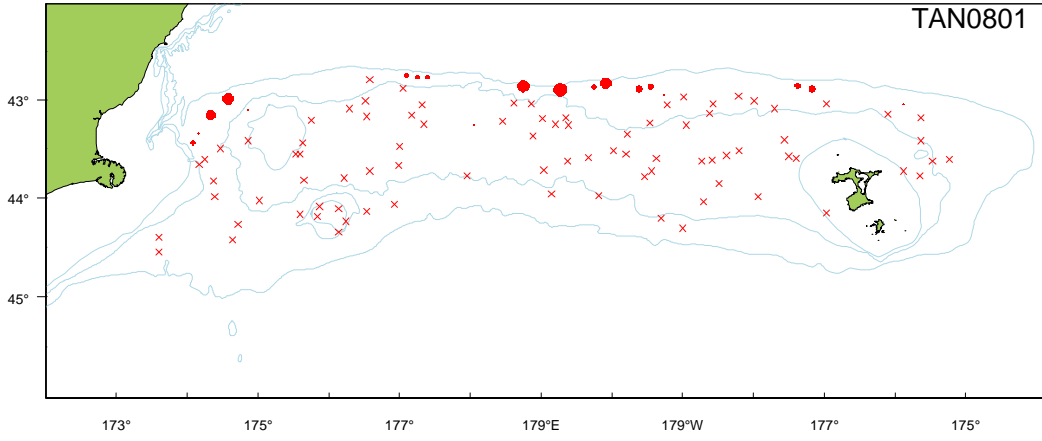




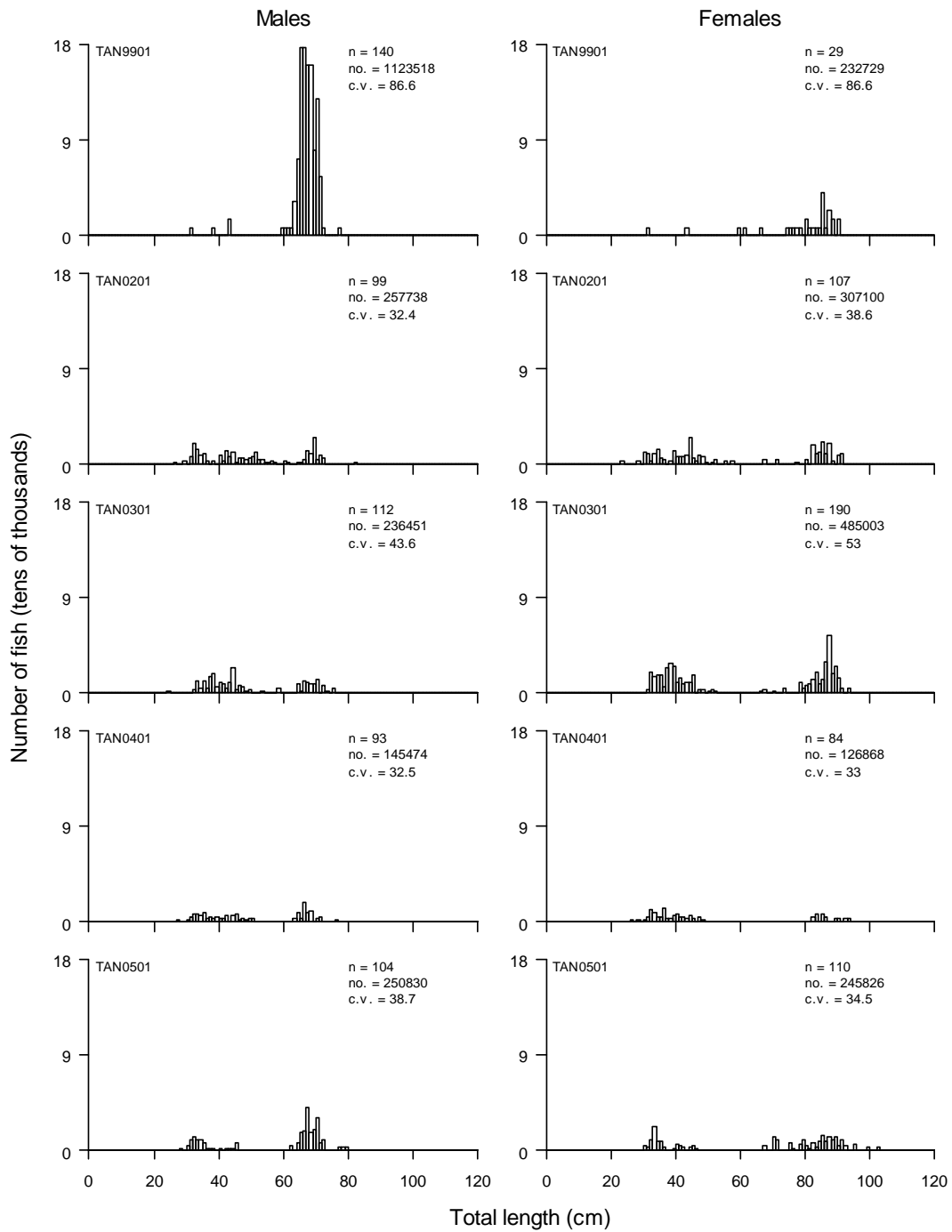


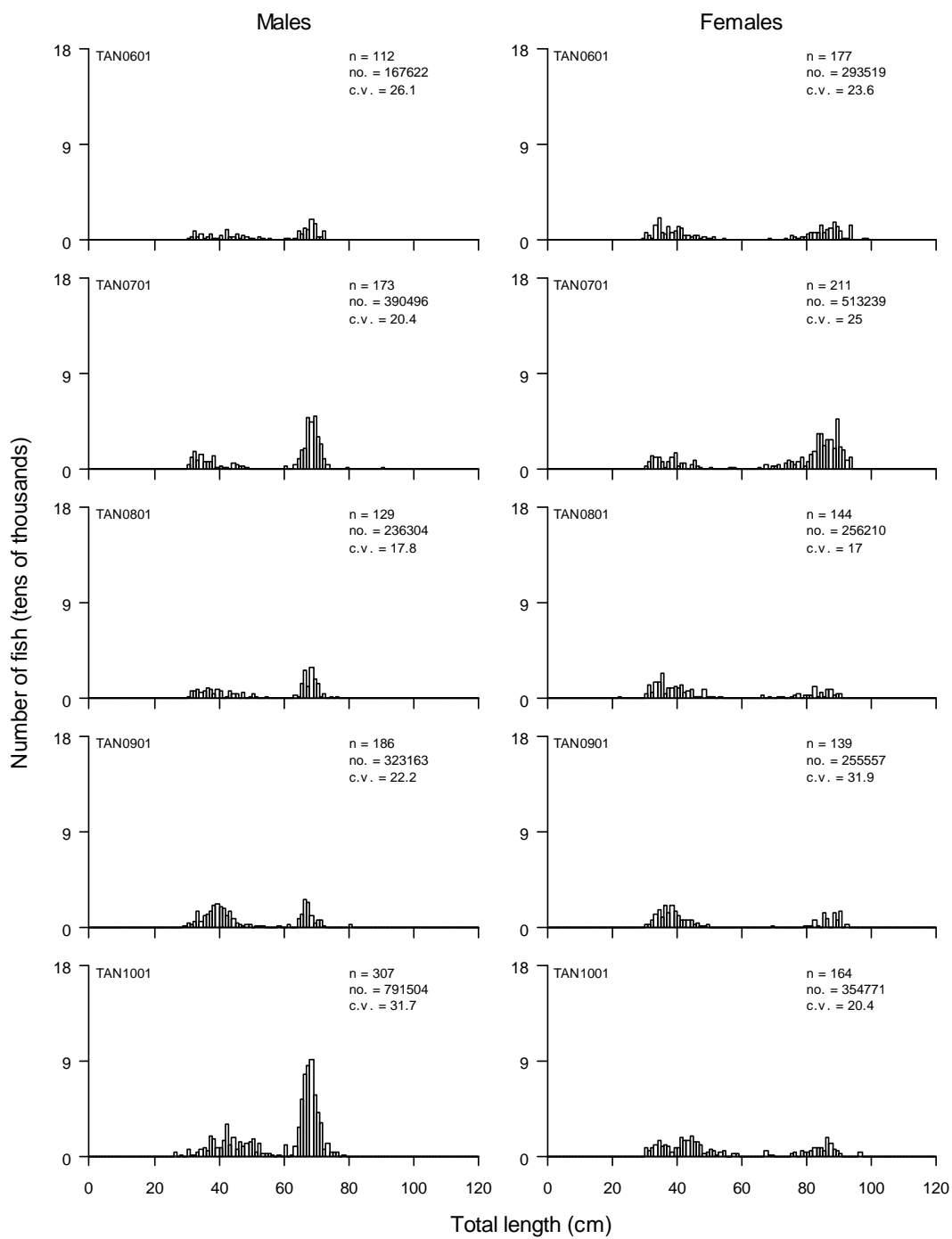






Length Frequencies





Gonad Stage Information (Cartilagenous)

Males

Year	p_M1	p_M2	p_M3	n_allM
1992	NA	NA	NA	0
1993	NA	NA	NA	0
1994	NA	NA	NA	0
1995	NA	NA	NA	0
1996	NA	NA	NA	0
1997	NA	NA	NA	0
1998	NA	NA	NA	0
1999	NA	NA	NA	0
2000	NA	NA	NA	0
2001	NA	NA	NA	0
2002	NA	NA	NA	0
2003	NA	NA	NA	0
2004	NA	NA	NA	0
2005	NA	NA	NA	0
2006	NA	NA	NA	0
2007	NA	NA	NA	0
2008	NA	NA	NA	0
2009	0.32	0.14	0.54	28
2010	0.46	0.12	0.42	184
ALL	0.44	0.12	0.44	212

Females

Year	p_F1	p_F2	p_F3	p_F4	p_F5	p_F6	n_allF
1992	NA	NA	NA	NA	NA	NA	0
1993	NA	NA	NA	NA	NA	NA	0
1994	NA	NA	NA	NA	NA	NA	0
1995	NA	NA	NA	NA	NA	NA	0
1996	NA	NA	NA	NA	NA	NA	0
1997	NA	NA	NA	NA	NA	NA	0
1998	NA	NA	NA	NA	NA	NA	0
1999	NA	NA	NA	NA	NA	NA	0
2000	NA	NA	NA	NA	NA	NA	0
2001	NA	NA	NA	NA	NA	NA	0
2002	NA	NA	NA	NA	NA	NA	0
2003	NA	NA	NA	NA	NA	NA	0
2004	NA	NA	NA	NA	NA	NA	0
2005	NA	NA	NA	NA	NA	NA	0
2006	NA	NA	NA	NA	NA	NA	0
2007	NA	NA	NA	NA	NA	NA	0
2008	NA	NA	NA	NA	NA	NA	0
2009	0.33	0.14	0.29	0.14	0.05	0.05	21
2010	0.67	0.17	0.03	0.11	0.01	0	92
ALL	0.61	0.17	0.08	0.12	0.02	0.01	113