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The 1985 New Zealand rock lobster landings

by
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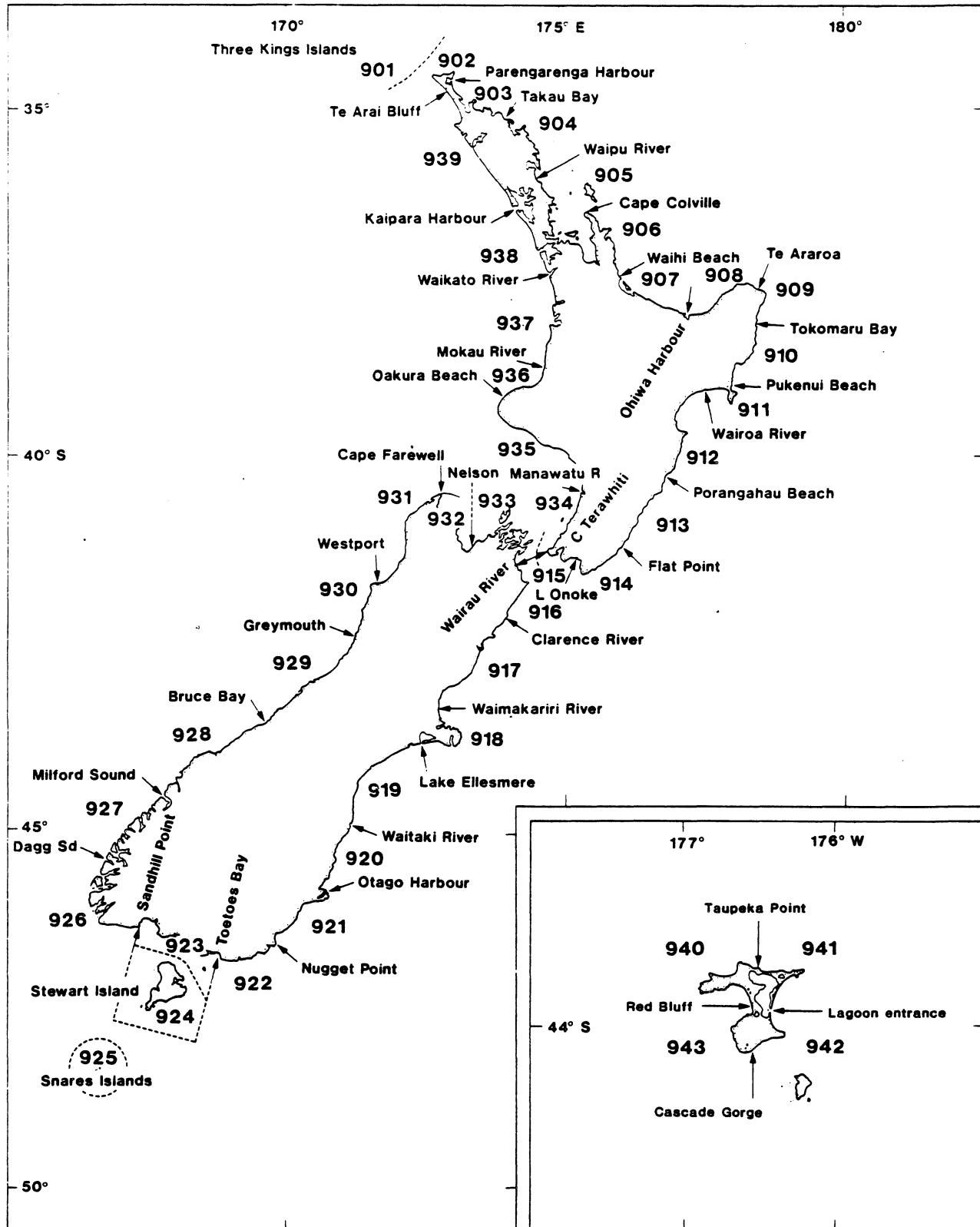


Fig. 1: Rock lobster fishing return scheme statistical areas.

Introduction

The fishery for New Zealand's two rock lobster species is the second most important domestic fishery, with export earnings of about \$89 million f.o.b. in 1985. Landings of *Jasus edwardsii* (the red or spiny rock lobster) were recorded from Three Kings Islands to Snares Islands, from both coasts of the North and South Islands, and from Chatham Islands. *Jasus verreauxi* (the green or packhorse rock lobster) accounted for less than 1% of the total rock lobster landings, and they were taken mainly from Northland and the Bay of Plenty, the highest landings being from areas 902 and 903.

The data given here are the landings declared by commercial fishermen who use pots. Rock lobsters taken by handpicking, as a by-catch from other commercial fishing methods, and by amateurs are not recorded in the following tables and figures.

The data are grouped primarily by area fished, so that changes in landings and catch per unit of fishing effort for each area can be monitored. Landings are also grouped by region of landing to enable comparison with data in the annual *Report on Fisheries* published by the Ministry of Agriculture and Fisheries (formerly the N.Z. Marine Department) from 1945 to 1974.

Results

The New Zealand coastline (including the Chatham Islands) is divided into 43 statistical areas (Fig. 1) for the purposes of the rock lobster fishing return scheme. The rock lobster fishery is divided into 10 controlled fishery areas (Fig. 2), each made up of 2 or more of the statistical areas. Any differences between the boundaries of statistical areas and the corresponding controlled fishery areas are usually slight.

The rock lobster return form used in 1985 was the same as that in 1984 and 1983, which was changed slightly from the form used since 1979. To encourage fishermen to provide accurate and complete data, the minimum information consistent with effective monitoring of the fishery was requested. This included a monthly record of statistical areas fished, day of month fished, number of pots lifted each day, and weight and species of rock lobsters (whole or tail) and by-catch species landed. From 1983 one additional set of information was requested; the maximum number of pots in the water at any one time during the month. The base port was no longer requested and slight changes to the layout of the form were made to improve computer data entry (and keep the forms compatible with new forms for other fishing methods).

The landed weight figures shown in the tables and figures are all whole weight values. When only tails were landed, tail weights were multiplied by three to obtain the approximate equivalent whole weights. Fishermen are permitted to tail their catch at sea and land only the tails in statistical areas 923-928 and part of area 922, which make up the Southern controlled fishery area (H). In the rest of New Zealand, rock lobsters must be landed whole and alive.

Total landings of *J. edwardsii* and *J. verreauxi* are shown for the North and South Islands combined and for the Chatham Islands for each year from 1945 to 1985 in Table 1 and Fig. 3. In addition, the number of registered rock lobster vessels for each year is shown in Table 1. Before the introduction of

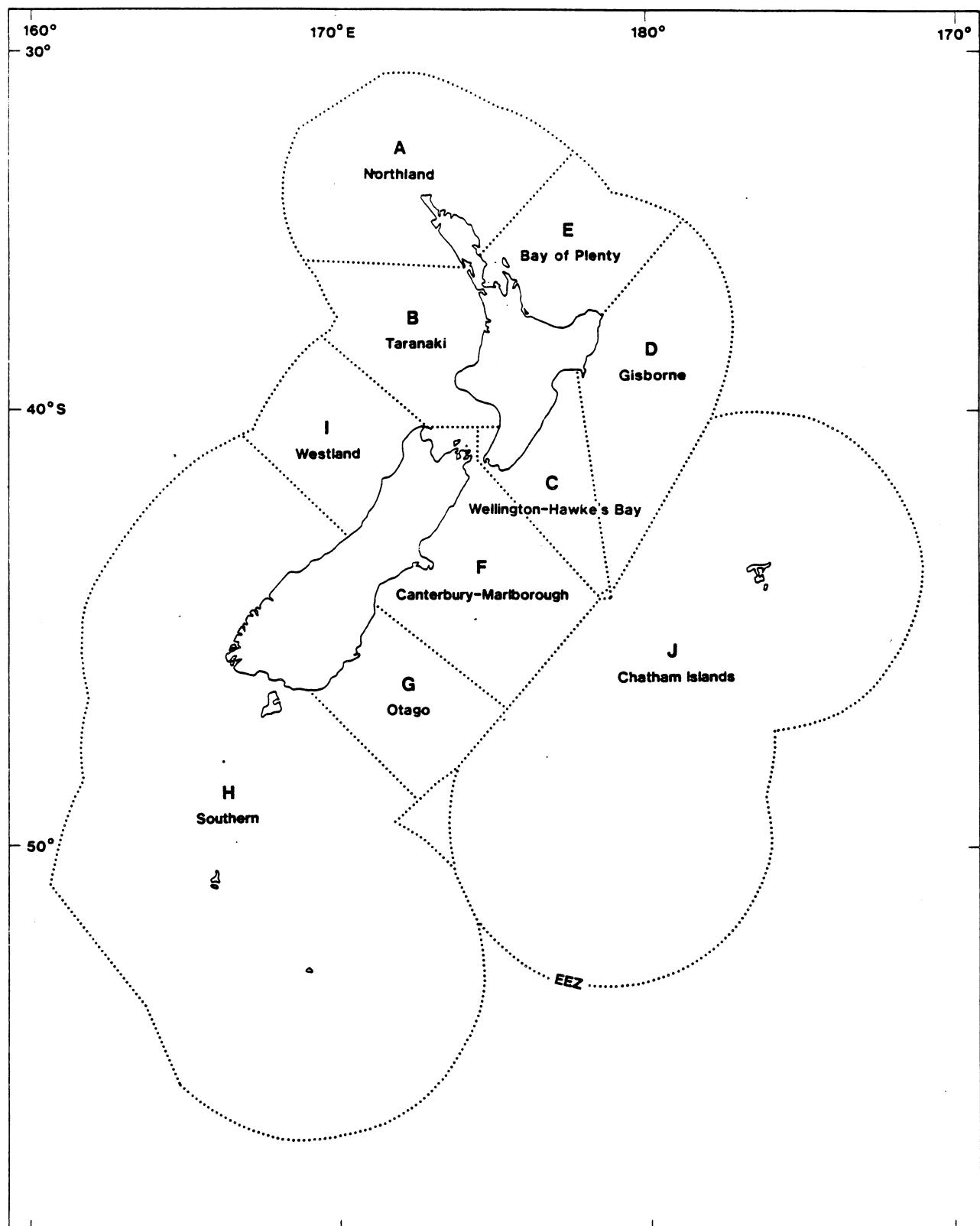


Fig. 2: Rock lobster controlled fishery areas.

the controlled rock lobster fishery in 1980-81, the higher number of vessels included many permits that were not fully used. Data for 1945-74 are from the port of landing figures in the annual *Report on Fisheries*. Data for 1975-78 are from unpublished figures from port of landing totals recorded by the Ministry of Agriculture and Fisheries. Data for 1979-85 are from fishing return forms submitted by rock lobster fishermen. The 1984 totals have been updated with additional data received after 1 August 1985. The landings for 1985 are those declared on fishing return forms received and processed by 1 August 1986.

Landings and effort data for *J. edwardsii* for each month during 1985 for each of the statistical areas and the combined totals for all of New Zealand are shown in Table 2. These data have also been grouped by controlled fishery area and are shown in Table 3. The columns in Tables 2 and 3 which present landed weight (kg) for returns with effort data include the landed weight figures for only those vessels which supplied data on number of days fished. There are some areas where landings data are from more than a single day's fishing because a few fishermen failed to mark each day fished and gave only the days landed or total landings for the month. Thus, in these areas there may be a slight under-recording of days fished. This is restricted mainly to the Southern fishery and is unlikely to have a significant effect on the estimates of catch rates. The estimated number of pot-lifts is calculated from the average number of pots hauled per day fished (where numbers of pot-lifts were given) multiplied by total days fished. This estimation of pot-lifts has been rounded by one place (to tens). In addition, pot types and sizes are not standard around New Zealand and this may affect the average catch per pot-lift. The last column in Tables 2 and 3 (Total landed weight (kg) for all returns) includes the landed weight figures supplied for all vessels, including those without data on the number of days fished.

Total landings of *J. edwardsii*, effort, and landings per unit of effort are shown for each month during 1985 for all areas combined in Fig. 4. Landings and effort were highest during October-December and lowest during March-May.

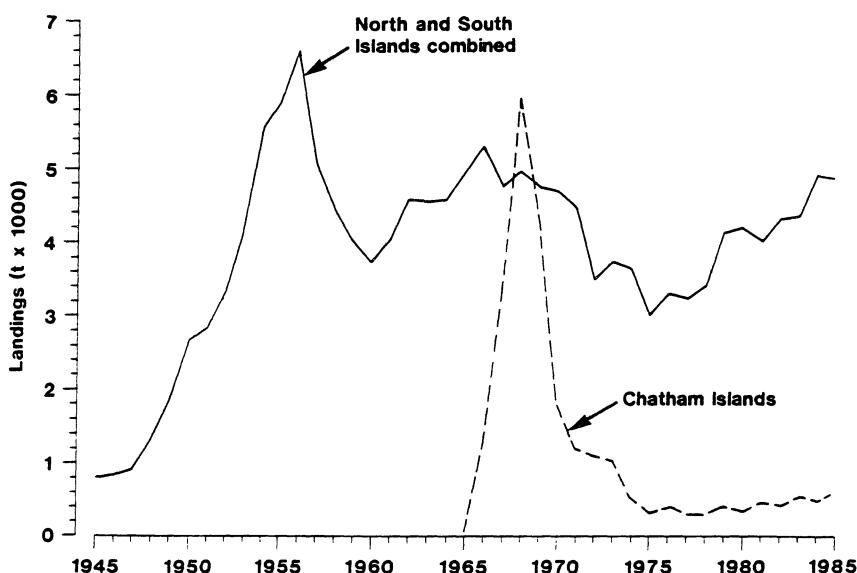


Fig. 3: Landings of *Jasus edwardsii* and *J. verreauxi* combined for North and South Islands combined and Chatham Islands during 1945-85.

Total landings of *J. verreauxi* and *J. edwardsii* combined by region of landing are shown in Table 5. Landings have been grouped into regions which correspond as closely as possible to the port of landing in the annual *Report on Fisheries*. As many as 40 landing points may be included in a single region (Fig. 5). These regions or ports of landing are sometimes not good indicators of areas actually fished, especially in the south of the South Island.

The distribution of landings per vessel is shown grouped into 1-t intervals for each of the controlled fishery areas for 1985 in Fig. 6.

For each vessel, the maximum number of pots in the water at any time during the year has been grouped into 50-pot intervals for each controlled fishery area. Table 6 shows the number of vessels in each interval for 1983 to 1985. (The total number of vessels in the table is less than that fishing because this information was not given on all returns.)

Discussion

Total rock lobster landings for New Zealand remained fairly constant during 1979-81 and then increased by about 5% in 1982, 4% in 1983, and 8% in 1984. The total reported landings for 1985 (5444 t) have levelled off close to the 1984 landings (5447 t). Since the licensing of the rock lobster fishery in 1980-81 there has been an improvement in the statistics supplied by fishermen and this may be reflected in the figures since 1981. However, because returns are still being submitted without all the requested effort information there are still gaps in the data available.

In addition to the landings from lobster pots, 34.2 t (less than 1% of the total New Zealand rock lobster landings) of *J. edwardsii* were caught by diving; of this, 33.1 t were landed in the Chatham Islands. About 3 t were reported taken as a by-catch of all other commercial fishing methods.

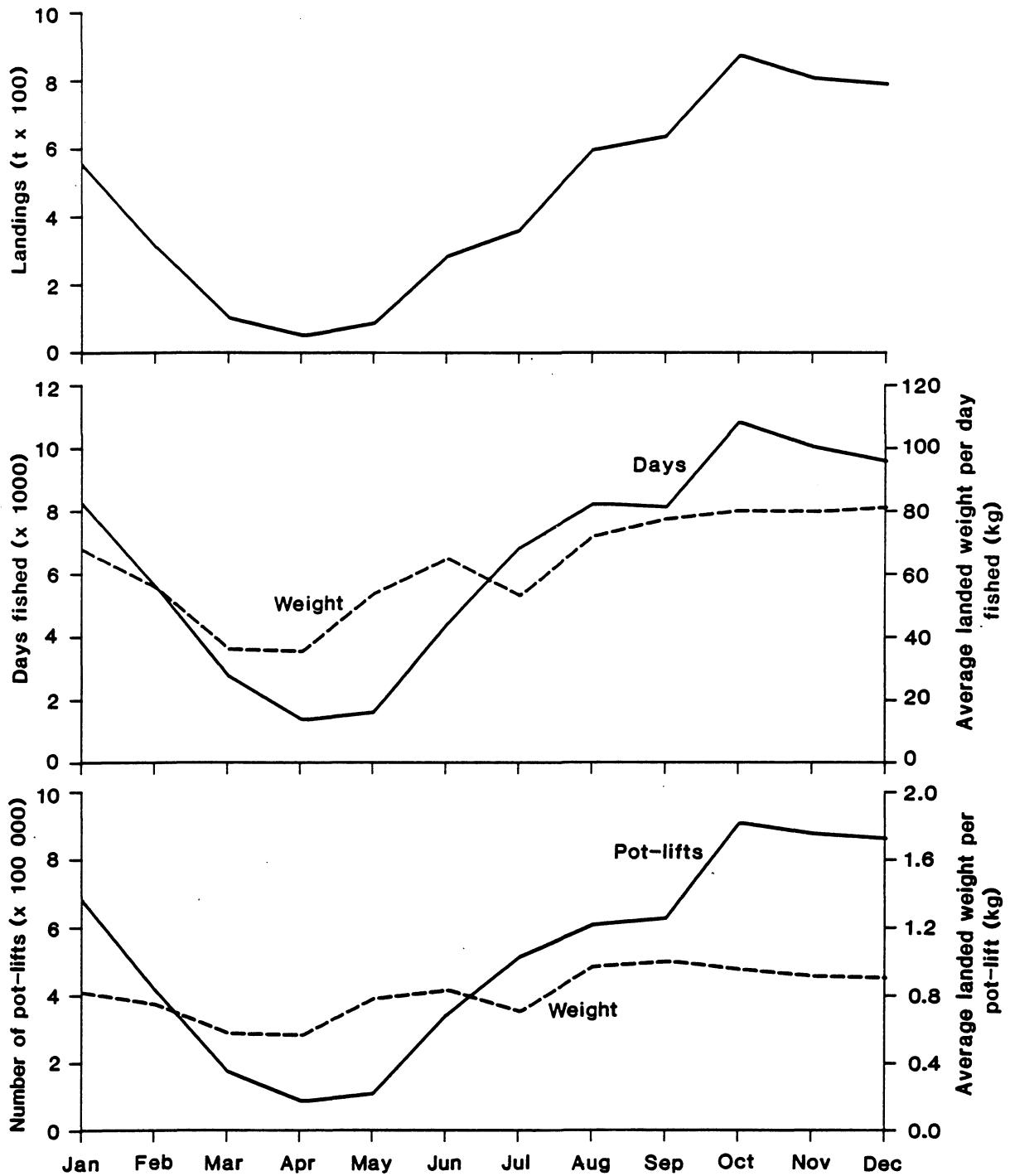


Fig. 4: Landings of *Jasus edwardsii* (whole weight), number of days fished, number of pot-lifts, average landed weight per day fished, and average landed weight per pot-lift for each month during 1985 for all areas combined.

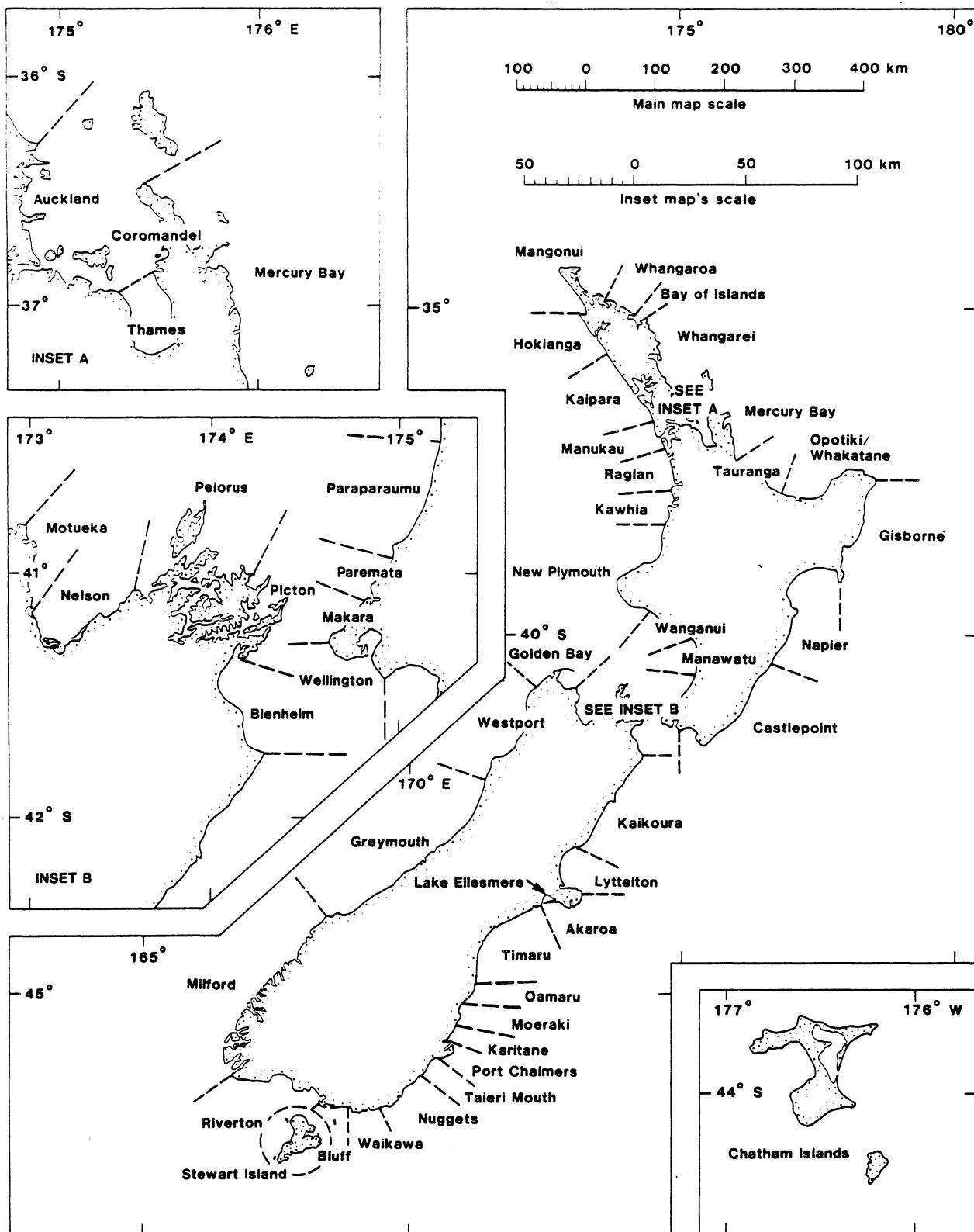


Fig. 5: Length of coastline included in each of the regions of landing shown in Table 5.

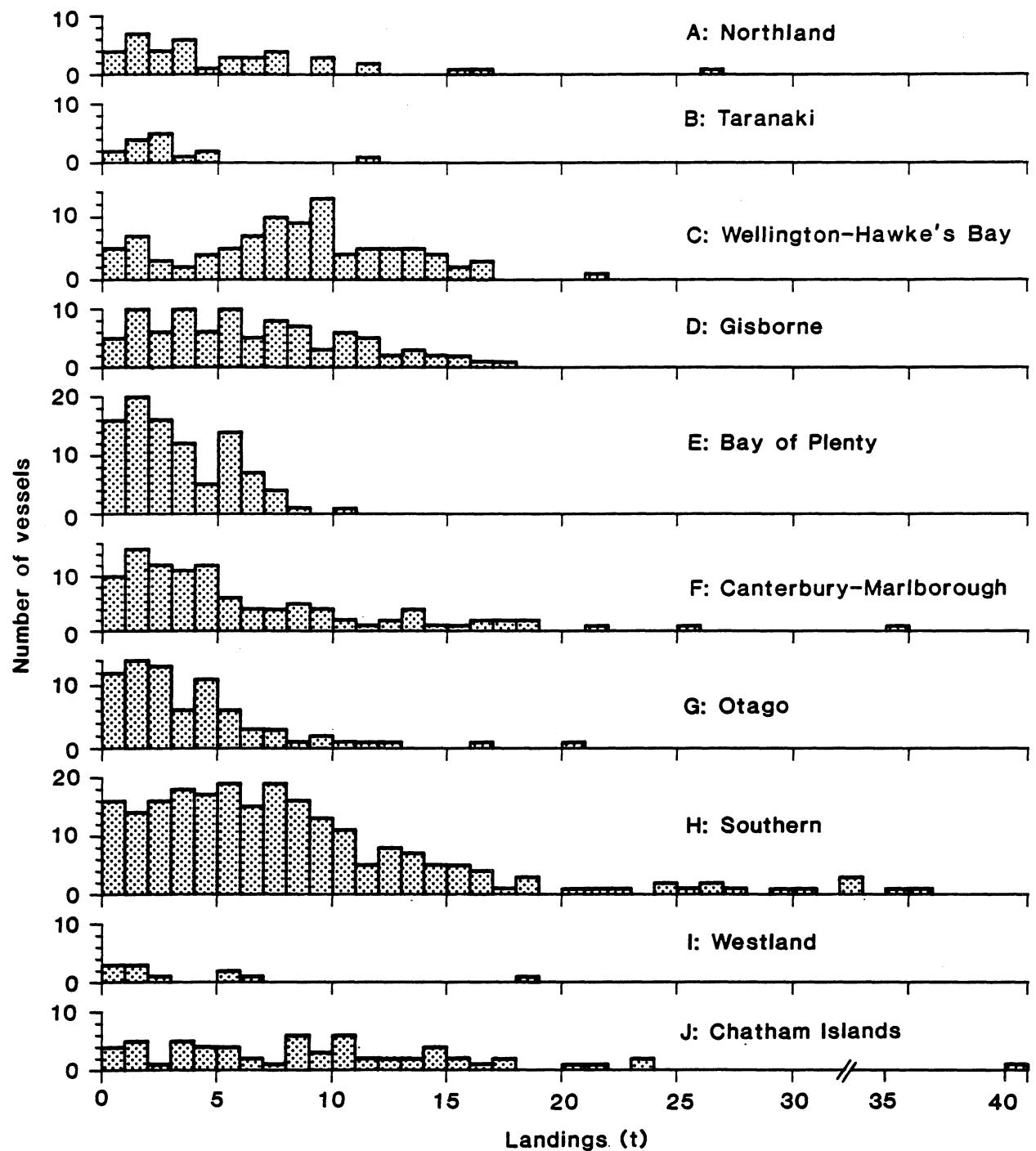


Fig. 6: Total landings of *Jasus edwardsii* per vessel for 1985 grouped into 1-t intervals for each controlled fishery area. The 0.00–0.99-t interval does not include data from vessels which declared nil landings for the entire year.

TABLE 1: Landings (whole weight) of *Jasus edwardsii* and *J. verreauxi* combined, and number of registered rock lobster vessels during 1945-85

Year	North and South Islands		Chatham Islands		New Zealand	
	Landings (t)	No. of vessels	Landings (t)	No. of vessels	Landings (t)	No. of vessels
1945	809	90			809	90
1946	854	98			854	98
1947	919	112			919	112
1948	1 360	148			1 360	148
1949	1 872	406			1 872	406
1950	2 672	238			2 672	238
1951	2 834	471			2 834	471
1952	3 324	500			3 324	500
1953	4 160	560			4 160	560
1954	5 541	557			5 541	557
1955	5 909	551			5 909	551
1956	6 547	584			6 547	584
1957	5 049	528			5 049	528
1958	4 447	728			4 447	728
1959	4 018	632			4 018	632
1960	3 762	706			3 762	706
1961	4 042	710			4 042	710
1962	4 583	812			4 583	812
1963	4 554	950			4 554	950
1964	4 597	659			4 597	659
1965	4 984	783	2	1	4 986	784
1966	5 295	829	1 271	36	6 566	865
1967	4 782	946	3 313	59	8 095	1 005
1968	4 975	1 097	5 958	120	10 933	1 217
1969	4 768	1 280	4 147	186	8 915	1 466
1970	4 699	1 246	1 751	125	6 450	1 371
1971	4 478	1 298	1 211	91	5 689	1 389
1972	3 495	1 399	1 088	82	4 583	1 481
1973	3 748	1 460	1 033	78	4 781	1 538
1974	3 305	1 309	518	61	3 823	1 370
1975	2 987	1 393	331	52	3 318	1 445
1976	3 311	1 639	391	45	3 702	1 684
1977	3 237	1 903	303	56	3 540	1 959
1978	3 418	1 786	293	65	3 711	1 851
1979	4 156	1 517	391	57	4 547	1 574
1980	4 207	1 074	342	51	4 549	1 125
1981	4 093	909	459	61	4 552	970
1982	4 384	815	417	64	4 801	879
1983	4 461	788	553	64	5 014	852
1984	4 950	773	497	62	5 447	835
1985	4 870	773	574	61	5 444	834

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1985 by statistical area; area boundaries shown in Fig. 1

Month	Landed weight (kg) for returns with effort data	No. of vessel fished	Av. weight landed per day fished	Estimated No. of pot-lifts	Av. weight landed per pot-lift	Total landed weight (kg) for all returns
Area 901						
Jan	2 590	35	74.0	1 450	1.79	2 590
Feb	2 535	25	101.4	1 210	2.10	2 535
Mar	1 451	18	80.6	1 490	0.97	1 451
Apr	1 015	15	67.7	1 140	0.89	1 015
May	1 132	5	26.4	330	0.40	1 132
Jun	845	17	49.7	1 370	0.62	845
Jul	2 459	31	79.3	2 220	1.11	2 459
Aug	3 421	56	61.1	3 130	1.09	3 421
Sep	2 488	49	50.8	2 380	1.05	2 488
Oct	6 414	69	93.0	4 800	1.34	6 414
Nov	8 553	77	111.1	5 950	1.44	8 553
Dec	4 595	60	76.6	3 340	1.38	4 595
Total	36 497	457	79.9	28 810	1.27	36 497
Area 902						
Jan	13 950	140	99.6	9 320	1.50	13 950
Feb	11 618	121	96.0	7 420	1.57	11 618
Mar	9 515	126	75.5	6 910	1.38	9 515
Apr	1 499	35	42.8	1 730	0.87	1 499
May	1 433	29	49.4	920	1.56	1 433
Jun	-	-	-	-	-	-
Jul	3 079	21	146.6	1 610	1.91	3 079
Aug	3 618	45	80.4	3 210	1.13	3 618
Sep	4 693	51	92.0	3 790	1.24	4 693
Oct	6 506	68	95.7	5 120	1.27	6 506
Nov	7 328	87	84.2	6 520	1.12	7 328
Dec	9 478	98	96.7	6 900	1.37	9 478
Total	72 716	821	88.6	53 450	1.36	72 716
Area 903						
Jan	2 298	41	56.0	3 390	0.68	2 298
Feb	1 187	44	27.0	2 170	0.55	1 187
Mar	214	14	15.3	390	0.55	214
Apr	88	4	22.0	120	0.73	88
May	60	3	20.1	90	0.67	60
Jun	265	21	12.6	920	0.29	265
Jul	1 229	45	27.3	2 150	0.57	1 229
Aug	1 387	54	25.7	2 520	0.55	1 387
Sep	1 105	46	24.0	2 290	0.48	1 105
Oct	2 091	58	36.1	3 880	0.54	2 091
Nov	2 483	66	37.6	4 580	0.54	2 483
Dec	2 679	48	55.8	3 900	0.69	2 679
Total	15 086	444	34.0	26 400	0.57	15 086

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1985 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel returns with effort data	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 904						
Jan	4 337	159	27.3	7 650	0.57	4 337
Feb	2 287	141	16.2	5 160	0.44	2 287
Mar	1 442	89	16.2	3 300	0.44	1 442
Apr	87	4	21.8	90	0.97	87
May	188	14	13.4	140	1.34	188
Jun	329	19	17.3	670	0.49	329
Jul	2 555	120	21.3	4 570	0.56	2 555
Aug	4 061	151	26.9	6 760	0.60	4 061
Sep	2 237	99	22.6	4 920	0.45	2 237
Oct	3 231	138	23.4	6 740	0.48	3 231
Nov	3 492	138	25.3	7 200	0.48	3 492
Dec	5 848	161	36.3	10 920	0.54	5 848
Total	30 091	1 233	24.4	58 120	0.52	30 091
Area 905						
Jan	1 404	136	10.3	4 830	0.29	1 404
Feb	748	85	8.8	2 330	0.32	748
Mar	398	60	6.6	1 490	0.27	398
Apr	79	25	3.2	550	0.14	79
May	65	16	4.1	430	0.15	65
Jun	773	70	11.0	2 780	0.28	773
Jul	3 605	181	19.9	9 500	0.38	3 605
Aug	5 294	245	21.6	10 800	0.49	5 294
Sep	5 390	240	22.5	10 290	0.52	5 390
Oct	6 043	234	25.8	10 430	0.58	6 043
Nov	4 999	212	23.6	10 050	0.50	5 219
Dec	4 205	179	23.5	8 750	0.48	4 205
Total	33 004	1 683	19.6	72 230	0.46	33 224
Area 906						
Jan	13 155	599	22.0	41 210	0.32	13 155
Feb	5 595	336	16.7	20 710	0.27	5 595
Mar	4 148	280	14.8	14 470	0.29	4 148
Apr	673	49	13.7	1 650	0.41	673
May	121	32	3.8	660	0.18	174
Jun	252	31	8.1	1 480	0.17	252
Jul	9 306	492	18.9	32 470	0.29	9 306
Aug	13 755	565	24.3	40 120	0.34	13 755
Sep	11 233	386	29.1	29 110	0.39	11 233
Oct	21 231	613	34.6	48 450	0.44	21 231
Nov	21 715	629	34.5	50 910	0.43	21 715
Dec	18 187	553	32.9	44 440	0.41	18 187
Total	119 371	4 565	26.1	325 680	0.37	119 424

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1985 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 907						
Jan	4 926	172	28.6	12 040	0.41	4 926
Feb	3 122	99	31.5	6 890	0.45	3 122
Mar	1 873	82	22.8	5 230	0.36	1 873
Apr	443	29	15.3	1 660	0.27	443
May	261	17	15.3	1 080	0.24	261
Jun	342	28	12.2	1 460	0.23	342
Jul	4 039	190	21.3	12 160	0.33	4 039
Aug	7 879	233	33.8	19 090	0.41	7 879
Sep	9 454	223	42.4	18 350	0.52	9 454
Oct	13 910	299	46.5	25 460	0.55	13 910
Nov	11 967	279	42.9	23 630	0.51	11 967
Dec	10 581	218	48.5	18 130	0.58	10 581
Total	68 795	1 869	36.8	145 180	0.47	68 795
Area 908						
Jan	12 448	382	32.6	30 080	0.41	12 448
Feb	6 753	346	19.5	21 770	0.31	6 753
Mar	2 343	193	12.1	10 710	0.22	2 343
Apr	709	46	15.4	2 030	0.35	709
May	229	38	6.0	1 110	0.21	229
Jun	199	41	4.8	1 720	0.12	199
Jul	4 861	208	23.4	13 710	0.35	4 861
Aug	4 980	238	20.9	16 950	0.29	4 980
Sep	5 045	148	34.1	11 120	0.45	5 045
Oct	20 120	461	43.6	38 390	0.52	20 120
Nov	14 783	406	36.4	34 160	0.43	14 783
Dec	14 372	376	38.2	30 470	0.47	14 372
Total	86 842	2 883	30.1	212 220	0.41	86 842
Area 909						
Jan	11 575	188	61.6	18 850	0.61	11 575
Feb	5 901	109	54.1	9 670	0.61	5 901
Mar	1 357	35	38.8	3 110	0.44	1 357
Apr	1 525	30	50.8	3 780	0.40	1 525
May	241	14	17.2	1 360	0.18	241
Jun	4 101	69	59.4	6 960	0.59	4 101
Jul	13 021	187	69.6	19 230	0.68	13 021
Aug	4 573	88	52.0	7 780	0.59	4 573
Sep	2 804	48	58.4	4 420	0.63	2 804
Oct	13 467	177	76.1	20 080	0.67	13 467
Nov	22 695	259	87.6	29 900	0.76	22 695
Dec	13 078	178	73.5	20 170	0.65	13 078
Total	94 338	1 382	68.3	145 310	0.65	94 338

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1985 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 910						
Jan	30 137	512	58.9	48 230	0.62	30 137
Feb	17 833	403	44.3	35 420	0.50	17 833
Mar	5 193	150	34.6	12 580	0.41	5 193
Apr	8 552	204	41.9	16 700	0.51	8 552
May	817	42	19.4	2 970	0.27	817
Jun	20 662	423	48.8	39 160	0.53	20 662
Jul	19 085	402	47.5	38 310	0.50	19 085
Aug	4 112	151	27.2	11 430	0.36	4 112
Sep	4 786	117	40.9	9 530	0.50	4 786
Oct	37 785	553	68.3	58 140	0.65	37 785
Nov	58 729	695	84.5	70 920	0.83	58 729
Dec	48 111	630	76.4	65 270	0.74	48 111
Total	255 800	4 282	59.7	408 660	0.63	255 800
Area 911						
Jan	36 662	448	81.8	40 620	0.90	36 662
Feb	16 885	315	53.6	24 620	0.69	16 885
Mar	4 487	145	30.9	8 300	0.54	4 487
Apr	1 937	87	22.3	5 810	0.33	1 937
May	347	26	13.3	1 220	0.28	347
Jun	14 760	246	60.0	18 070	0.82	14 760
Jul	20 565	313	65.7	27 000	0.76	20 565
Aug	17 369	311	55.8	24 180	0.72	17 369
Sep	14 187	293	48.4	23 480	0.60	14 187
Oct	31 026	354	87.6	32 640	0.95	31 026
Nov	45 971	426	107.9	40 500	1.14	45 971
Dec	50 223	453	110.9	43 830	1.15	50 223
Total	254 419	3 417	74.5	290 270	0.88	254 419
Area 912						
Jan	26 674	392	68.0	33 900	0.79	26 674
Feb	11 577	220	52.6	19 470	0.59	11 577
Mar	4 492	110	40.8	8 990	0.50	4 492
Apr	2 762	67	41.2	5 700	0.48	2 762
May	2 664	75	35.5	6 720	0.40	2 664
Jun	18 384	238	77.2	22 420	0.82	18 384
Jul	18 274	285	64.1	25 180	0.73	18 274
Aug	10 844	250	43.4	20 860	0.52	10 844
Sep	11 590	257	45.1	21 390	0.54	11 590
Oct	32 476	424	76.6	38 490	0.84	32 476
Nov	41 445	407	101.8	37 900	1.09	41 445
Dec	37 377	400	93.4	39 530	0.95	37 377
Total	218 559	3 125	69.9	280 550	0.78	218 559

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1985 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns	
Area 913							
Jan	22 838	277	82.4	27	570	22 838	
Feb	7 026	144	48.8	13	450	7 026	
Mar	876	18	48.7	1	360	876	
Apr	25	6	4.1		80	25	
May	2 333	74	31.5	5	210	0.45	2 333
Jun	20 139	211	95.4	22	450	0.90	20 139
Jul	16 253	208	78.1	21	560	0.75	16 253
Aug	9 579	200	47.9	19	490	0.49	9 579
Sep	9 043	175	51.7	18	540	0.49	9 043
Oct	18 225	250	72.9	28	100	0.65	18 225
Nov	21 999	246	89.4	28	120	0.78	21 999
Dec	30 453	251	121.3	30	340	1.00	30 453
Total	158 787	2 060	77.1	216	270	0.73	158 787
Area 914							
Jan	26 776	484	55.3	46	690	0.57	26 776
Feb	9 005	235	38.3	18	190	0.50	9 005
Mar	521	21	24.8	1	330	0.39	521
Apr	-	-	-	-	-	-	-
May	6 587	160	41.2	12	070	0.55	6 587
Jun	44 691	515	86.8	53	220	0.84	44 691
Jul	23 827	385	61.9	37	230	0.64	23 827
Aug	14 062	357	39.4	32	500	0.43	14 062
Sep	14 603	367	39.8	34	730	0.42	14 603
Oct	42 629	521	81.8	52	070	0.82	42 629
Nov	45 516	490	92.9	53	880	0.84	45 516
Dec	62 110	640	97.0	69	270	0.90	62 110
Total	290 325	4 175	69.5	411	180	0.71	290 325
Area 915							
Jan	8 535	193	44.2	17	540	0.49	8 535
Feb	11 672	234	49.9	19	710	0.59	11 672
Mar	3 807	116	32.8	9	250	0.41	3 807
Apr	502	20	25.1	1	890	0.27	502
May	483	14	34.5	1	140	0.42	483
Jun	12 989	192	67.6	18	640	0.70	12 989
Jul	12 056	221	54.6	19	900	0.61	12 056
Aug	10 686	212	50.4	19	180	0.56	10 686
Sep	9 760	236	41.4	21	380	0.46	9 760
Oct	14 404	238	60.5	23	200	0.62	14 404
Nov	12 976	201	64.6	20	320	0.64	12 976
Dec	16 130	247	65.3	24	180	0.67	16 130
Total	113 999	2 124	53.7	196	330	0.58	113 999

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1985 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel returns with effort data	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 916						
Jan	29 778	198	150.4	34 810	0.86	29 778
Feb	9 491	103	92.1	13 580	0.70	9 491
Mar	4 141	50	82.8	5 380	0.77	4 141
Apr	5 095	71	71.8	6 130	0.83	5 095
May	5 126	79	64.9	7 410	0.69	5 126
Jun	4 539	72	63.0	5 860	0.77	4 539
Jul	5 383	59	91.2	5 500	0.98	5 383
Aug	3 597	63	57.1	5 470	0.66	3 597
Sep	7 257	96	75.6	9 930	0.73	7 257
Oct	11 077	110	100.7	13 190	0.84	11 077
Nov	22 752	159	143.1	27 560	0.83	22 752
Dec	34 936	183	190.9	41 500	0.84	34 936
Total	143 172	1 243	115.2	176 320	0.81	143 172
Area 917						
Jan	74 137	1 062	69.8	93 530	0.79	74 137
Feb	27 759	553	50.2	46 290	0.60	27 759
Mar	10 009	316	31.7	22 870	0.44	10 009
Apr	14 238	382	37.3	24 330	0.59	14 238
May	27 415	475	57.7	36 850	0.74	27 415
Jun	5 274	233	22.6	10 510	0.50	5 274
Jul	6 410	227	28.2	11 810	0.54	6 410
Aug	6 006	236	25.4	13 130	0.46	6 006
Sep	10 780	421	25.6	27 230	0.40	10 780
Oct	50 073	853	58.7	70 730	0.71	50 073
Nov	57 515	954	60.3	86 370	0.67	57 515
Dec	87 036	1 216	71.6	109 400	0.80	87 036
Total	376 652	6 928	54.4	553 050	0.68	376 652
Area 918						
Jan	7 753	178	43.6	9 490	0.82	7 753
Feb	2 122	86	24.7	3 680	0.58	2 122
Mar	74	10	7.4	320	0.23	74
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	583	43	13.6	1 260	0.46	583
Jul	3 119	115	27.1	4 900	0.64	3 119
Aug	7 728	157	49.2	7 190	1.07	7 728
Sep	6 688	139	48.1	7 260	0.92	6 688
Oct	8 416	163	51.6	9 070	0.93	8 416
Nov	4 310	100	43.1	5 280	0.82	4 310
Dec	2 725	91	29.9	4 370	0.62	2 725
Total	43 520	1 082	40.2	52 820	0.82	43 520

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1985 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 919						
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	1 449	17	85.2	1 190	1.22	1 449
Jul	1 921	49	39.2	3 330	0.58	1 921
Aug	960	41	23.4	2 730	0.35	960
Sep	383	34	11.3	1 870	0.20	383
Oct	267	26	10.3	1 210	0.22	267
Nov	112	11	10.2	540	0.21	112
Dec	79	8	9.9	370	0.21	79
Total	5 169	186	27.8	11 240	0.46	5 169
Area 920						
Jan	1 550	72	21.5	2 490	0.62	1 550
Feb	850	45	18.9	1 690	0.50	850
Mar	120	16	7.5	430	0.28	120
Apr	-	-	-	-	-	-
May	34	14	2.4	130	0.26	34
Jun	31 083	368	84.5	27 150	1.14	31 083
Jul	69 799	1 027	68.0	82 090	0.85	69 799
Aug	51 023	914	55.8	70 320	0.73	51 023
Sep	29 952	647	46.3	51 550	0.58	29 952
Oct	29 121	570	51.1	45 870	0.63	29 121
Nov	12 116	304	39.9	23 030	0.53	12 116
Dec	9 582	272	35.2	19 480	0.49	9 582
Total	235 230	4 249	55.4	324 230	0.73	235 230
Area 921						
Jan	1 296	27	48.0	890	1.46	1 296
Feb	193	6	32.2	270	0.71	193
Mar	42	1	42.2	40	1.05	42
Apr	22	1	22.0	30	0.73	22
May	69	2	34.6	100	0.69	69
Jun	3 987	63	63.3	3 970	1.00	3 987
Jul	20 439	268	76.3	21 060	0.97	20 439
Aug	29 078	352	82.6	26 510	1.10	29 078
Sep	11 787	254	46.4	17 490	0.67	11 787
Oct	5 195	187	27.8	10 670	0.49	5 195
Nov	4 471	136	32.9	6 060	0.74	4 471
Dec	2 361	70	33.7	4 050	0.58	2 361
Total	78 940	1 367	57.7	91 140	0.87	78 940

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1985 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 922						
Jan	320	19	16.9	1 020	0.31	320
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	1 244	31	40.1	1 730	0.72	1 244
Aug	3 980	44	90.4	3 380	1.18	3 980
Sep	2 936	39	75.3	2 600	1.13	2 936
Oct	2 847	45	63.3	2 810	1.01	2 847
Nov	921	31	29.7	1 860	0.50	921
Dec	324	10	32.4	600	0.54	324
Total	12 572	219	57.4	14 000	0.90	12 572
Area 923						
Jan	5 015	76	66.0	5 410	0.93	5 015
Feb	1 503	39	38.5	2 900	0.52	1 503
Mar	741	13	57.0	1 170	0.63	741
Apr	180	14	12.9	540	0.33	180
May	6 999	43	162.8	2 160	3.24	6 999
Jun	10 182	128	79.5	6 860	1.48	10 182
Jul	9 133	107	85.4	7 270	1.26	9 133
Aug	30 934	234	132.2	18 040	1.71	30 934
Sep	49 222	326	151.0	28 180	1.75	49 222
Oct	40 136	313	128.2	27 090	1.48	40 136
Nov	21 553	186	115.9	16 700	1.29	21 553
Dec	15 946	159	100.3	11 890	1.34	15 946
Total	191 544	1 638	116.9	128 210	1.49	191 544
Area 924						
Jan	7 511	123	61.1	7 000	1.07	7 511
Feb	2 044	37	55.2	1 970	1.04	2 044
Mar	1 527	12	127.3	980	1.56	1 527
Apr	29	5	5.9	50	0.59	29
May	75	2	37.5	40	1.88	75
Jun	5 623	21	267.7	2 010	2.80	5 623
Jul	9 917	258	38.4	12 160	0.82	9 917
Aug	118 620	868	136.7	56 010	2.12	120 693
Sep	95 621	787	121.5	51 170	1.87	99 323
Oct	90 409	811	111.5	57 100	1.58	92 668
Nov	35 791	457	78.3	26 940	1.33	35 791
Dec	29 717	316	94.0	21 550	1.38	29 717
Total	396 884	3 697	107.4	236 980	1.67	404 918

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1985 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 925						
Jan	3 087	19	162.5	720	4.29	3 087
Feb	108	5	21.6	110	0.98	108
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	126	3	42.0	60	2.10	126
Jun	108	5	21.6	90	1.20	108
Jul	990	1	990.0	80	12.38	990
Aug	-	-	-	10	0.00	2 475
Sep	1 35	1	135.0	50	2.70	2 405
Oct	-	-	-	10	0.00	1 764
Nov	540	3	180.0	110	4.91	3 333
Dec	210	2	105.0	90	2.33	3 195
Total	5 304	39	136.0	1 330	3.99	17 591
Area 926						
Jan	21 195	323	65.6	22 570	0.94	21 195
Feb	9 785	200	48.9	11 850	0.83	9 785
Mar	9 278	142	65.3	8 590	1.08	9 278
Apr	2 064	46	44.9	2 700	0.76	2 064
May	2 421	53	45.7	3 330	0.73	2 421
Jun	15 910	298	53.4	19 460	0.82	15 910
Jul	22 238	317	70.1	21 510	1.03	22 238
Aug	117 104	707	165.6	60 660	1.93	119 210
Sep	126 281	791	159.6	69 110	1.83	127 901
Oct	99 430	681	146.0	60 470	1.64	102 562
Nov	68 405	606	112.9	51 110	1.34	70 856
Dec	45 720	459	99.6	35 440	1.29	48 420
Total	5 39 829	4 623	116.8	366 800	1.47	551 838
Area 927						
Jan	32 315	387	83.5	31 450	1.03	32 315
Feb	20 460	244	83.9	20 820	0.98	20 460
Mar	12 942	258	50.2	19 570	0.66	12 942
Apr	1 517	48	31.6	2 630	0.58	1 517
May	1 957	51	38.4	2 800	0.70	1 957
Jun	21 047	339	62.1	25 200	0.84	21 047
Jul	21 554	355	60.7	29 450	0.73	21 554
Aug	63 361	524	120.9	45 570	1.39	63 361
Sep	81 281	606	134.1	53 080	1.53	83 523
Oct	90 921	776	117.2	70 470	1.29	90 921
Nov	93 588	734	127.5	62 890	1.49	95 448
Dec	38 427	433	88.7	37 260	1.03	38 427
Total	479 367	4 755	100.8	401 190	1.19	483 469

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1985 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 928						
Jan	17 862	286	62.5	22 070	0.81	17 862
Feb	20 562	313	65.7	23 350	0.88	20 562
Mar	6 106	161	37.9	9 630	0.63	6 106
Apr	362	12	30.1	450	0.80	362
May	291	9	32.3	210	1.39	291
Jun	4 782	59	81.1	3 420	1.40	4 782
Jul	3 426	71	48.3	3 870	0.89	3 426
Aug	14 584	184	79.3	13 450	1.08	14 584
Sep	39 454	348	113.4	30 550	1.29	39 454
Oct	62 822	609	103.2	51 870	1.21	62 822
Nov	38 747	430	90.1	37 150	1.04	38 747
Dec	25 837	342	75.5	29 560	0.87	31 723
Total	234 833	2 824	83.2	225 580	1.04	240 719
Area 929						
Jan	60	3	20.0	220	0.27	60
Feb	80	5	15.9	360	0.22	80
Mar	62	5	12.3	310	0.20	62
Apr	3	1	3.0	30	0.10	3
May	5	1	4.5	30	0.15	5
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	74	7	10.5	210	0.35	74
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Total	282	22	12.8	1 160	0.24	282
Area 930						
Jan	1 070	54	19.8	2 010	0.53	1 070
Feb	999	58	17.2	2 240	0.45	999
Mar	486	30	16.2	950	0.51	486
Apr	173	15	11.5	390	0.44	173
May	-	-	-	-	-	-
Jun	33	3	11.0	50	0.66	33
Jul	237	13	18.2	470	0.50	237
Aug	581	33	17.6	1 360	0.43	581
Sep	753	26	29.0	810	0.93	753
Oct	953	41	23.2	1 500	0.63	953
Nov	747	45	16.6	1 670	0.45	747
Dec	708	44	16.1	1 580	0.45	708
Total	6 738	362	18.6	13 030	0.52	6 738

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1985 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 931						
Jan	5 069	68	74.5	2 530	2.00	5 069
Feb	5 025	51	98.5	2 060	2.44	5 025
Mar	2 898	58	50.0	2 130	1.36	2 898
Apr	1 760	45	39.1	1 570	1.12	1 760
May	1 038	1	1038.0	90	11.53	1 038
Jun	-	-	-	-	-	-
Jul	1 511	24	62.9	1 230	1.23	1 511
Aug	2 138	38	56.3	1 730	1.24	2 138
Sep	4 195	56	74.9	2 950	1.42	4 195
Oct	4 889	66	74.1	3 460	1.41	4 889
Nov	4 620	73	63.3	5 290	0.87	4 620
Dec	4 352	67	65.0	4 150	1.05	4 352
Total	37 493	547	68.5	27 190	1.38	37 493
Area 932						
Jan	51	9	5.7	240	0.21	51
Feb	86	12	7.2	300	0.29	86
Mar	51	8	6.4	270	0.19	51
Apr	16	6	2.6	220	0.07	16
May	83	6	13.9	130	0.64	83
Jun	416	19	21.9	650	0.64	416
Jul	47	10	4.7	200	0.23	47
Aug	-	-	-	-	-	-
Sep	174	7	24.9	380	0.46	174
Oct	643	15	42.9	660	0.97	643
Nov	377	27	14.0	1 310	0.29	377
Dec	516	11	46.9	520	0.99	516
Total	2 459	130	18.9	4 880	0.50	2 459
Area 933						
Jan	7 455	139	53.6	11 030	0.68	7 455
Feb	4 825	95	50.8	7 670	0.63	4 825
Mar	641	23	27.8	1 600	0.40	641
Apr	0	3	0.0	30	0.00	0
May	63	6	10.4	240	0.26	63
Jun	2 988	128	23.3	7 640	0.39	2 988
Jul	3 531	159	22.2	10 450	0.34	3 531
Aug	6 499	279	23.3	19 940	0.33	6 499
Sep	5 805	249	23.3	21 490	0.27	5 805
Oct	15 192	279	54.4	25 050	0.61	15 192
Nov	11 524	234	49.2	22 590	0.51	11 524
Dec	17 616	249	70.7	22 930	0.77	17 616
Total	76 137	1 843	41.3	150 660	0.51	76 137

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1985 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel returns with effort data	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 934						
Jan	612	11	55.6	730	0.84	612
Feb	453	16	28.3	1 150	0.39	453
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	5	3	1.5	-	-	5
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	252	9	27.9	650	0.39	252
Oct	411	11	37.4	630	0.65	411
Nov	799	16	49.9	1 300	0.61	799
Dec	549	11	49.9	920	0.60	549
Total	3 080	77	40.0	5 380	0.57	3 080
Area 935						
Jan	1 774	43	41.3	2 550	0.70	1 774
Feb	2 443	47	52.0	2 690	0.91	2 443
Mar	1 030	34	30.3	1 860	0.55	1 030
Apr	1 36	23	5.9	720	0.19	1 36
May	-	-	-	-	-	-
Jun	133	3	44.3	120	1.11	133
Jul	523	41	12.8	1 520	0.34	523
Aug	1 189	42	28.3	1 660	0.72	1 189
Sep	1 891	50	37.8	2 230	0.85	1 891
Oct	1 723	52	33.1	2 890	0.60	1 723
Nov	2 460	48	51.2	2 840	0.87	2 460
Dec	2 893	51	56.7	3 190	0.91	2 893
Total	16 193	434	37.3	22 270	0.73	16 193
Area 936						
Jan	1 902	79	24.1	3 560	0.53	1 902
Feb	1 808	91	19.9	3 820	0.47	1 808
Mar	2 115	66	32.0	2 830	0.75	2 115
Apr	1 450	50	29.0	2 080	0.70	1 450
May	205	12	17.1	780	0.26	205
Jun	46	9	5.1	240	0.19	46
Jul	77	5	15.5	200	0.39	77
Aug	169	16	10.5	460	0.37	169
Sep	109	12	9.1	370	0.29	109
Oct	1 512	58	26.1	3 040	0.50	1 512
Nov	1 645	56	29.4	2 370	0.69	1 645
Dec	1 713	59	29.0	3 610	0.47	1 713
Total	12 750	513	24.9	23 360	0.55	12 750

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1985 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 937						
Jan	2 779	63	44.1	3 090	0.90	2 779
Feb	1 309	42	31.2	1 960	0.67	1 309
Mar	20	3	6.7	80	0.25	20
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	1 046	48	21.8	1 460	0.72	1 046
Sep	1 197	48	24.9	1 820	0.66	1 197
Oct	1 495	56	26.7	2 440	0.61	1 495
Nov	2 083	68	30.6	3 110	0.67	2 083
Dec	4 034	100	40.3	5 400	0.75	4 034
Total	13 961	428	32.6	19 360	0.72	13 961
Area 938						
Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
Total	-	-	-	-	-	-
Area 939						
Jan	7 503	98	76.6	9 110	0.82	7 503
Feb	3 669	80	45.9	6 200	0.59	3 669
Mar	2 598	53	49.0	3 470	0.75	2 598
Apr	328	5	65.7	290	1.13	328
May	-	-	-	-	-	-
Jun	1 033	24	43.0	2 000	0.52	1 033
Jul	4 601	92	50.0	6 690	0.69	4 601
Aug	5 426	95	57.1	7 540	0.72	5 426
Sep	4 020	69	58.3	5 740	0.70	4 020
Oct	4 571	93	49.1	7 460	0.61	4 571
Nov	8 681	117	74.2	9 280	0.94	8 681
Dec	10 208	157	65.0	12 660	0.81	10 208
Total	52 637	883	59.6	70 440	0.75	52 637

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1985 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 940						
Jan	28 137	160	175.9	15 850	1.78	28 137
Feb	36 984	168	220.1	15 490	2.39	36 984
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	9 295	81	114.7	5 640	1.65	9 295
Jun	12 721	110	115.6	8 470	1.50	12 721
Jul	6 915	82	84.3	6 050	1.14	6 915
Aug	3 534	38	93.0	3 400	1.04	3 534
Sep	7 247	70	103.5	4 400	1.65	7 247
Oct	17 516	113	155.0	9 160	1.91	17 516
Nov	18 580	117	158.8	11 080	1.68	18 580
Dec	32 072	176	182.2	17 870	1.79	32 072
Total	172 999	1 115	155.2	97 410	1.78	172 999
Area 941						
Jan	27 258	223	122.2	20 870	1.31	27 258
Feb	11 399	127	89.8	11 270	1.01	11 399
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	5 134	89	57.7	6 290	0.82	5 134
Jun	6 902	147	47.0	12 560	0.55	6 902
Jul	3 645	107	34.1	7 180	0.51	3 645
Aug	4 086	91	44.9	6 230	0.66	4 086
Sep	15 004	126	119.1	9 790	1.53	15 004
Oct	17 514	143	122.5	11 750	1.49	17 514
Nov	11 293	158	71.5	11 660	0.97	11 293
Dec	21 653	190	114.0	16 320	1.33	21 653
Total	123 888	1 401	88.4	113 920	1.09	123 888
Area 942						
Jan	37 900	259	146.3	25 470	1.49	37 900
Feb	23 231	205	113.3	17 450	1.33	23 231
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	5 626	68	82.7	4 910	1.15	5 626
Jun	8 150	87	93.7	7 710	1.06	8 150
Jul	5 681	68	83.5	5 510	1.03	5 801
Aug	1 630	31	52.6	2 740	0.59	1 630
Sep	9 565	76	125.9	5 780	1.65	9 565
Oct	18 592	156	119.2	13 050	1.42	18 592
Nov	30 099	203	148.3	20 340	1.48	30 099
Dec	39 397	242	162.8	22 580	1.74	39 397
Total	179 869	1 395	128.9	125 540	1.43	179 989

TABLE 2: Landings (whole weight) of *Jasus edwardsii* and effort data during 1985 by statistical area; area boundaries shown in Fig. 1 (continued)

Month	Landed weight (kg) for returns with effort data	No. of vessel fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
Area 943						
Jan	9 889	67	147.6	5 160	1.92	9 889
Feb	5 527	71	77.8	5 300	1.04	5 527
Mar	368	4	91.9	190	1.93	368
Apr	-	-	-	-	-	-
May	4 506	56	80.5	3 710	1.21	4 506
Jun	8 084	83	97.4	4 930	1.64	8 084
Jul	4 449	59	75.4	3 550	1.25	4 449
Aug	1 905	29	65.7	1 860	1.02	1 905
Sep	6 371	67	95.1	5 640	1.13	6 371
Oct	20 228	129	156.8	10 000	2.02	20 228
Nov	17 770	114	155.9	11 670	1.52	17 770
Dec	18 080	136	132.9	13 360	1.35	18 080
Total	97 173	815	119.2	65 370	1.49	97 173
New Zealand totals						
Jan	551 581	8 204	67.2	677 240	0.81	551 581
Feb	306 456	5 556	55.2	412 660	0.74	306 456
Mar	97 364	2 720	35.8	171 580	0.57	97 364
Apr	47 267	1 348	35.1	85 120	0.56	47 267
May	86 426	1 610	53.7	110 360	0.78	86 479
Jun	283 805	4 383	64.8	342 670	0.83	283 805
Jul	361 002	6 834	52.8	514 610	0.70	361 122
Aug	590 795	8 220	71.9	608 850	0.97	597 449
Sep	626 847	8 096	77.4	628 050	1.00	636 681
Oct	865 506	10 813	80.0	907 640	0.95	872 661
Nov	796 144	10 005	79.6	874 650	0.91	803 468
Dec	774 112	9 546	81.1	860 090	0.90	785 683
Total	5 387 304	77 335	69.7	6 193 520	0.87	5 430 015

TABLE 3: Landings (whole weight) of *Jasus edwardsii* during 1985 by controlled fishery area; area boundaries shown in Fig. 2

Controlled fishery area (statistical areas)	No. of vessels licensed	Landed weight (kg) for returns with effort data	No. of vessel days fished	Av. weight landed per day fished (kg)	Estimated No. of pot-lifts	Av. weight landed per pot-lift (kg)	Total landed weight (kg) for all returns
A, Northland (901-904, 939)	41	207 027	3 838	53.9	237 220	0.87	207 027
B, Taranaki (935-938)	18	42 904	1 375	31.2	64 990	0.66	42 904
C, Wellington-Hawke's Bay (912-915, 934)	95	784 750	11 561	67.9	1 109 710	0.71	784 750
D, Gisborne (909-911)	85	604 557	9 081	66.6	844 240	0.72	604 557
E, Bay of Plenty (905-908)	103	308 011	11 000	28.0	755 310	0.41	308 284
F, Canterbury-Marlborough (916-919, 932-933)	97	647 109	11 412	56.7	948 970	0.68	647 109
G, Otago (920-921)	85	314 169	5 616	55.9	415 370	0.76	314 169
H, Southern (922-928)	238	1 860 333	17 795	104.5	1 374 090	1.35	1 902 651
I, Westland (929-931)	11	44 513	931	47.8	41 380	1.08	44 513
J, Chatham Islands (940-943)	61	573 929	4 726	121.4	402 240	1.43	574 049
North & South Is. combined (901-939)	773	4 813 375	72 609	66.3	5 791 280	0.83	4 855 966
N.Z. totals	834	5 387 304	77 335	69.7	6 193 520	0.87	5 430 015

TABLE 4: Landings (whole weight) of *Jasus verreauxi* during 1985 by statistical area (only areas which recorded landings are shown); area boundaries shown in Fig. 1

Area	Total landed weight (kg)	Area	Total landed weight (kg)
901	413	908	4
902	11 938	912	38
903	1 062	914	7
904	147	915	31
905	48	927	1
906	13	939	642
907	64		
		N.Z. total	14 408

TABLE 5: Landings (kg whole weight) by region (groups of points of landings) of *Jasus edwardsii* and *J. verreauxi* during 1985

Region of landing	<i>Jasus edwardsii</i>	<i>Jasus verreauxi</i>
Mangonui	123 253	11 560
Whangaroa	45 866	2 495
Russell	11 980	0
Hokianga	8 998	2
Whangarei	15 608	144
Auckland	10 634	48
Thames	0	0
Coromandel	6 668	0
Kawhia	3 874	0
Raglan	7 584	0
Manukau	1 382	0
Leigh	18 329	0
Mercury Bay	115 745	12
Tauranga	47 127	13
Whakatane	145 784	54
Gisborne	415 264	0
Napier	382 055	38
Castlepoint	444 179	37
Wellington	104 411	0
Makara	3 934	0
Paremata	2 785	0
Paraparaumu	0	0
Manawatu	0	0
Wanganui	0	0
New Plymouth	31 737	0
Kaipara	2 648	0
Golden Bay	25 022	0
Motueka	9 062	0
Nelson	6 062	0
Pelorus	0	0
Picton	55 028	0
Blenheim	27 839	0
Kaikoura	510 744	0
Lyttelton	1 999	0
Akaroa	40 126	0
Timaru	500	0
Oamaru	16 389	0
Moeraki	107 824	0
Karitane	82 160	0
Port Chalmers	84 325	0
Taieri Mouth	21 888	0
Nuggets	13 110	0
Waikawa	8 254	0
Riverton	365 479	0
Bluff	641 777	0
Milford Sound	501 848	0
Stewart Island	240 155	0
Greymouth	139 454	0
Westport	7 076	0
Chatham Islands	574 049	0
Total for all ports	5 430 015	14 408

TABLE 6: Number of vessels in each controlled fishery area grouped according to the maximum number of pots in the water at any time during 1983, 1984, and 1985

1983

Controlled fishery area	Maximum No. of pots					
	1-50	51-100	101-150	151-200	201-250	>250
A, Northland	12	18	4	2		
B, Taranaki	8	8				
C, Wellington-Hawke's Bay	12	44	42	7	1	
D, Gisborne	8	28	48	5	2	
E, Bay of Plenty	28	62	12			
F, Canterbury-Marlborough	17	64	12	1	2	4
G, Otago	25	36	5	1		
H, Southern	30	134	56	6	1	
I, Westland	8	3				
J, Chatham Islands	7	28	19	2		
Total	155	425	198	24	6	4

1984

Controlled fishery area	1-50	51-100	101-150	151-200	201-250	>250
A, Northland	9	26	1	2		
B, Taranaki	6	10				
C, Wellington-Hawke's Bay	9	35	45	13	1	
D, Gisborne	5	27	51	6	1	
E, Bay of Plenty	29	55	14	1		
F, Canterbury-Marlborough	17	52	29	2	2	3
G, Otago	21	45	6			
H, Southern	17	110	86	17	2	
I, Westland	10	2				
J, Chatham Islands	3	25	21	4	1	
Total	126	387	253	45	7	3

1985

Controlled fishery area	1-50	51-100	101-150	151-200	201-250	>250
A, Northland	7	27	3	3		
B, Taranaki	5	9	1			
C, Wellington-Hawke's Bay	6	27	48	8	3	1
D, Gisborne	5	28	50	8	1	
E, Bay of Plenty	24	51	19	1		
F, Canterbury-Marlborough	15	43	25	14	1	4
G, Otago	10	51	11	1		
H, Southern	13	95	94	14	5	
I, Westland	8	2	1			
J, Chatham Islands	2	23	21	10	3	
Total	95	356	273	59	13	5