

Table F-2. Physical Measurements of All Individual Fish Collected and Liver Composite Information.

Date	Location	Species	Individual Fish I.D.	Composite I.D.	Length (cm)	Weight (kg)	Sex
July 11, 1997							
	Z3R1A	black cod	Z3R1ABC-1	97-3-01-01-00-PHC-T-BC1	75	3.8	m
	Z3R1A	black cod	Z3R1ABC-2	97-3-01-01-00-PHC-T-BC1	74	4.5	m
	Z3R1A	black cod	Z3R1ABC-3	97-3-01-01-00-PHC-T-BC1	71	3.2	m
	Z3R1A	black cod	Z3R1ABC-4	97-3-01-01-00-PHC-T-BC1	59	2	m
	Z3R1A	black cod	Z3R1ABC-5	97-3-01-01-00-PHC-T-BC1	72	3.2	m
	Z3R1A	halibut	Z3R1AH-1	97-3-01-01-00-PHC-T-H1	104	12.5	?
	Z3R1A	halibut	Z3R1AH-2	97-3-01-01-00-PHC-T-H1	84	6.5	m
	Z3R1A	halibut	Z3R1AH-3	97-3-01-01-00-PHC-T-H1	118	17.5	f
	Z3R1A	halibut	Z3R1AH-4	97-3-01-01-00-PHC-T-H1	93	8.5	m
	Z3R1A	halibut	Z3R1AH-5	97-3-01-01-00-PHC-T-H1	119	17	f
	Z3R1A	halibut	Z3R1AH-6	97-3-01-01-00-PHC-T-H1	89	7.2	m
	Z3R1A	halibut	Z3R1AH-7	97-3-01-01-00-PHC-T-H1	89	7.6	m
	Z3R1A	arrowtooth flounder	Z3R1AF-1	97-3-01-01-00-PHC-T-AF-1	62	2.5	f
July 14, 1997							
	Z2R14	halibut	Z2R14H-1	97-2-14-01-00-PHC-T-H-1	145	42	f
	Z2R14	halibut	Z2R14H-2	97-2-14-01-00-PHC-T-H-2	115	18.5	m
	Z2R14	halibut	Z2R14H-3	97-2-14-01-00-PHC-T-H-2	106	14	f
	Z2R14	halibut	Z2R14H-4	97-2-14-01-00-PHC-T-H-2	111	15.5	f
	Z2R14	halibut	Z2R14H-5	97-2-14-01-00-PHC-T-H-3	97	10.5	m
	Z2R14	halibut	Z2R14H-6	97-2-14-01-00-PHC-T-H-2	107	15	f
	Z2R14	halibut	Z2R14H-7	97-2-14-01-00-PHC-T-H-2	111	15.75	f
	Z2R14	halibut	Z2R14H-8	97-2-14-01-00-PHC-T-H-3	96	11	f
	Z2R14	halibut	Z2R14H-9	97-2-14-01-00-PHC-T-H-3	95	9.25	m
	Z2R14	halibut	Z2R14H-10	97-2-14-01-00-PHC-T-H-3	91	8.75	f
	Z2R14	halibut	Z2R14H-11	97-2-14-01-00-PHC-T-H-3	98	10.5	m
	Z2R14	halibut	Z2R14H-12	97-2-14-01-00-PHC-T-H-4	73	4.25	m
	Z2R14	halibut	Z2R14H-13	97-2-14-01-00-PHC-T-H-4	85	6.75	f
	Z2R14	halibut	Z2R14H-14	97-2-14-01-00-PHC-T-H-4	84	6.5	f
	Z2R14	halibut	Z2R14H-15	97-2-14-01-00-PHC-T-H-4	94	7.5	m
	Z2R14	halibut	Z2R14H-16	97-2-14-01-00-PHC-T-H-4	83	6.75	m
	Z2R14	arrowtooth flounder	Z2R14AAF-1	97-2-14-01-00-PHC-T-AF-1	64	2.75	f
	Z2R14	arrowtooth flounder	Z2R14AAF-2	97-2-14-01-00-PHC-T-AF-1	59	2	f
	Z2R14	arrowtooth flounder	Z2R14AAF-3	97-2-14-01-00-PHC-T-AF-1	65	2.75	m
	Z2R14	arrowtooth flounder	Z2R14AAF-4	97-2-14-01-00-PHC-T-AF-1	65	2.5	m
July 16, 1997							
	Z0F7	halibut	Z0F7H-1	97-F7-01-00-PHC-T-H1	153	49.5	f
	Z0F7	halibut	Z0F7H-2	97-F7-01-00-PHC-T-H1	142	39.5	f
	Z0F7	halibut	Z0F7H-3	97-F7-01-00-PHC-T-H1	115	17	f
	Z0F7	halibut	Z0F7H-4	97-F7-01-00-PHC-T-H1	103	11	m

Table F-2. Physical Measurements of All Individual Fish Collected and Liver Composite Information.

Date	Location	Species	Individual Fish I.D.	Composite I.D.	Length (cm)	Weight (kg)	Sex
	Z0F7	halibut	Z0F7H-5	97-F7-01-00-PHC-T-H1	96	9.75	f
	Z0F7	halibut	Z0F7H-6	97-F7-01-00-PHC-T-H2	90	7	m
	Z0F7	halibut	Z0F7H-7	97-F7-01-00-PHC-T-H2	90	7.75	m
	Z0F7	halibut	Z0F7H-8	97-F7-01-00-PHC-T-H2	86	7	?
	Z0F7	halibut	Z0F7H-9	97-F7-01-00-PHC-T-H2	88	6.75	f
	Z0F7	halibut	Z0F7H-10	97-F7-01-00-PHC-T-H2	82	6	m
	Z0F7	halibut	Z0F7H-11	97-F7-01-00-PHC-T-H3	84	6.5	m
	Z0F7	halibut	Z0F7H-12	97-F7-01-00-PHC-T-H3	83	6.25	f
	Z0F7	halibut	Z0F7H-13	97-F7-01-00-PHC-T-H3	72	3.75	f
	Z0F7	halibut	Z0F7H-14	97-F7-01-00-PHC-T-H3	79	4.8	m
	Z0F7	halibut	Z0F7H-15	97-F7-01-00-PHC-T-H3	81	5.5	m
	Z0F7	halibut	Z0F7H-16	97-F7-01-00-PHC-T-H4	90	8	f
	Z0F7	halibut	Z0F7H-17	97-F7-01-00-PHC-T-H4	92	8.1	f
	Z0F7	halibut	Z0F7H-18	97-F7-01-00-PHC-T-H4	92	8	m
	Z0F7	halibut	Z0F7H-19	97-F7-01-00-PHC-T-H4	91	8	f
	Z0F7	halibut	Z0F7H-20	97-F7-01-00-PHC-T-H4	90	7.5	f
	Z0F7	halibut	Z0F7H-21	97-F7-01-00-PHC-T-H5	87	6.5	m
	Z0F7	halibut	Z0F7H-22	97-F7-01-00-PHC-T-H5	88	7	f
	Z0F7	halibut	Z0F7H-23	97-F7-01-00-PHC-T-H5	87	7	f
	Z0F7	halibut	Z0F7H-24	97-F7-01-00-PHC-T-H5	85	6.8	f
	Z0F7	halibut	Z0F7H-25	97-F7-01-00-PHC-T-H5	83	6.5	f
	Z0F7	halibut	Z0F7H-26	97-F7-01-00-PHC-T-H6	84	6	f
	Z0F7	halibut	Z0F7H-27	97-F7-01-00-PHC-T-H6	83	6	f
	Z0F7	halibut	Z0F7H-28	97-F7-01-00-PHC-T-H6	79	5	m
	Z0F7	halibut	Z0F7H-29	97-F7-01-00-PHC-T-H6	82	6	f
June 30, 1998							
	Z3R1A	pacific cod	Z3R1APC1	98-3-R1A-01-00-PHC-T-PC	79	5.5	m
	Z3R1A	pacific cod	Z3R1APC2	98-3-R1A-01-00-PHC-T-PC	70	3.8	m
	Z3R1A	pacific cod	Z3R1APC3	98-3-R1A-01-00-PHC-T-PC	72	4	f
	Z3R1A	pacific cod	Z3R1APC4	98-3-R1A-01-00-PHC-T-PC	77	5.2	f
	Z3R1A	pacific cod	Z3R1APC5	98-3-R1A-01-00-PHC-T-PC	70	3.8	f
	Z3R1A	pacific cod	Z3R1APC6	98-3-R1A-02-00-PHC-T-PC	68	3.4	m
	Z3R1A	pacific cod	Z3R1APC7	98-3-R1A-02-00-PHC-T-PC	72	3.8	m
	Z3R1A	pacific cod	Z3R1APC8	98-3-R1A-02-00-PHC-T-PC	67	3.3	f
	Z3R1A	pacific cod	Z3R1APC9	98-3-R1A-02-00-PHC-T-PC	70	3.3	f
	Z3R1A	pacific cod	Z3R1APC10	98-3-R1A-02-00-PHC-T-PC	67	3	f
	Z3R1A	pacific cod	Z3R1APC11	98-3-R1A-03-00-PHC-T-PC	67	3	f
	Z3R1A	pacific cod	Z3R1APC12	98-3-R1A-03-00-PHC-T-PC	65	3.1	m
	Z3R1A	pacific cod	Z3R1APC13	98-3-R1A-03-00-PHC-T-PC	55	1.9	m
	Z3R1A	pacific cod	Z3R1APC14	98-3-R1A-03-00-PHC-T-PC	63	2.9	m

Table F-2. Physical Measurements of All Individual Fish Collected and Liver Composite Information.

Date	Location	Species	Individual Fish I.D.	Composite I.D.	Length (cm)	Weight (kg)	Sex
	Z3R1A	pacific cod	Z3R1APC15	98-3-R1A-03-00-PHC-T-PC	61	2.4	f
	Z3R1A	aleutian skate	Z3R1AAS1	98-3-R1A-01-00-PHC-T-S	145	6.6	f
	Z3R1A	arrowtooth flounder	Z3R1AAF1	98-3-R1A-01-00-PHC-T-AF	76	4.4	f
	Z3R1A	arrowtooth flounder	Z3R1AAF2	98-3-R1A-01-00-PHC-T-AF	61	1.9	m
	Z3R1A	arrowtooth flounder	Z3R1AAF3	98-3-R1A-01-00-PHC-T-AF	65	2.6	m
	Z3R1A	arrowtooth flounder	Z3R1AAF4	98-3-R1A-01-00-PHC-T-AF	55	1.5	m
	Z3R1A	black cod	Z3R1ABC1	98-3-R1A-01-00-PHC-T-BC	64	2.5	m
	Z3R1A	black cod	Z3R1ABC2	98-3-R1A-01-00-PHC-T-BC	70	3.8	m
	Z3R1A	black cod	Z3R1ABC3	98-3-R1A-01-00-PHC-T-BC	59	1.9	m
	Z3R1A	black cod	Z3R1ABC4	98-3-R1A-01-00-PHC-T-BC	58	1.8	m
	Z3R1A	halibut	Z3R1AH1	98-3-R1A-01-00-PHC-T-H	100	12.5	m
	Z3R1A	halibut	Z3R1AH2	98-3-R1A-01-00-PHC-T-H	107	12.1	m
	Z3R1A	halibut	Z3R1AH3	98-3-R1A-01-00-PHC-T-H	107	11	m
	Z3R1A	halibut	Z3R1AH4	98-3-R1A-01-00-PHC-T-H	115	13.6	f
	Z3R1A	halibut	Z3R1AH5	98-3-R1A-02-00-PHC-T-H	96	8.4	m
	Z3R1A	halibut	Z3R1AH6	98-3-R1A-02-00-PHC-T-H	106	11.2	f
	Z3R1A	halibut	Z3R1AH7	98-3-R1A-02-00-PHC-T-H	95	8.1	m
	Z3R1A	halibut	Z3R1AH8	98-3-R1A-02-00-PHC-T-H	88	7	f
	Z3R1A	halibut	Z3R1AH9	98-3-R1A-03-00-PHC-T-H	82	7.4	m
	Z3R1A	halibut	Z3R1AH10	98-3-R1A-03-00-PHC-T-H	81	7.4	m
	Z3R1A	halibut	Z3R1AH11	98-3-R1A-03-00-PHC-T-H	85	6.2	m
	Z3R1A	halibut	Z3R1AH12	98-3-R1A-03-00-PHC-T-H	72	4	f
July 2, 1998							
	Z2R14A	arrowtooth flounder	Z2R14AAF1	98-2-R14A-01-00-PHC-T-AF	80	4.4	m
	Z2R14A	arrowtooth flounder	Z2R14AAF2	98-2-R14A-01-00-PHC-T-AF	61	2.2	f
	Z2R14A	arrowtooth flounder	Z2R14AAF3	98-2-R14A-01-00-PHC-T-AF	63	2.6	m
	Z2R14A	arrowtooth flounder	Z2R14AAF4	98-2-R14A-01-00-PHC-T-AF	66.5	2.3	m
	Z2R14A	arrowtooth flounder	Z2R14AAF5	98-2-R14A-01-00-PHC-T-AF	49	0.8	m
	Z2R14A	pacific cod	Z2R14APC1	98-2-R14A-01-00-PHC-T-PC	90	7.8	f
	Z2R14A	pacific cod	Z2R14APC2	98-2-R14A-01-00-PHC-T-PC	87	6	f
	Z2R14A	pacific cod	Z2R14APC3	98-2-R14A-01-00-PHC-T-PC	87	5.4	f
	Z2R14A	pacific cod	Z2R14APC4	98-2-R14A-01-00-PHC-T-PC	84	5.2	f
	Z2R14A	pacific cod	Z2R14APC5	98-2-R14A-02-00-PHC-T-PC	84	5.4	f
	Z2R14A	pacific cod	Z2R14APC6	98-2-R14A-02-00-PHC-T-PC	86	4.9	f
	Z2R14A	pacific cod	Z2R14APC7	98-2-R14A-02-00-PHC-T-PC	82	4.9	f
	Z2R14A	pacific cod	Z2R14APC8	98-2-R14A-02-00-PHC-T-PC	83	4.2	m
	Z2R14A	pacific cod	Z2R14APC9	98-2-R14A-02-00-PHC-T-PC	82	4.4	f
	Z2R14A	pacific cod	Z2R14APC10	98-2-R14A-03-00-PHC-T-PC	80	3.9	f
	Z2R14A	pacific cod	Z2R14APC11	98-2-R14A-03-00-PHC-T-PC	83	4.2	f
	Z2R14A	pacific cod	Z2R14APC12	98-2-R14A-03-00-PHC-T-PC	73	4	m

Table F-2. Physical Measurements of All Individual Fish Collected and Liver Composite Information.

Date	Location	Species	Individual Fish I.D.	Composite I.D.	Length (cm)	Weight (kg)	Sex
	Z2R14A	pacific cod	Z2R14APC13	98-2-R14A-03-00-PHC-T-PC	77	3.9	f
	Z2R14A	pacific cod	Z2R14APC14	98-2-R14A-03-00-PHC-T-PC	82	3.7	m
	Z2R14A	pacific cod	Z2R14APC15	98-2-R14A-04-00-PHC-T-PC	72	3.6	f
	Z2R14A	pacific cod	Z2R14APC16	98-2-R14A-04-00-PHC-T-PC	69	3.2	f
	Z2R14A	pacific cod	Z2R14APC17	98-2-R14A-04-00-PHC-T-PC	68	3	f
	Z2R14A	pacific cod	Z2R14APC18	98-2-R14A-04-00-PHC-T-PC	71	3.1	f
	Z2R14A	pacific cod	Z2R14APC19	98-2-R14A-04-00-PHC-T-PC	71	3.2	f
	Z2R14A	pacific cod	Z2R14APC20	98-2-R14A-05-00-PHC-T-PC	66	3.1	f
	Z2R14A	pacific cod	Z2R14APC21	98-2-R14A-05-00-PHC-T-PC	64	2.8	f
	Z2R14A	pacific cod	Z2R14APC22	98-2-R14A-05-00-PHC-T-PC	67	2.9	m
	Z2R14A	pacific cod	Z2R14APC23	98-2-R14A-05-00-PHC-T-PC	65	2.9	f
	Z2R14A	pacific cod	Z2R14APC24	98-2-R14A-05-00-PHC-T-PC	71	3.1	f
	Z2R14A	pacific cod	Z2R14APC25	98-2-R14A-06-00-PHC-T-PC	62	2.6	m
	Z2R14A	pacific cod	Z2R14APC26	98-2-R14A-06-00-PHC-T-PC	59	2.2	m
	Z2R14A	pacific cod	Z2R14APC27	98-2-R14A-06-00-PHC-T-PC	67	2.8	m
	Z2R14A	pacific cod	Z2R14APC28	98-2-R14A-06-00-PHC-T-PC	62	2.8	f
	Z2R14A	pacific cod	Z2R14APC29	98-2-R14A-06-00-PHC-T-PC	56	1.9	m
	Z2R14A	halibut	Z2R14AH1	98-2-R14A-01-00-PHC-T-H	110	18	f
	Z2R14A	halibut	Z2R14AH2	98-2-R14A-02-00-PHC-T-H	110	15	f
	Z2R14A	halibut	Z2R14AH3	98-2-R14A-02-00-PHC-T-H	100	11	m
	Z2R14A	halibut	Z2R14AH4	98-2-R14A-02-00-PHC-T-H	92	8.3	m
	Z2R14A	halibut	Z2R14AH5	98-2-R14A-03-00-PHC-T-H	101	10	m
	Z2R14A	halibut	Z2R14AH6	98-2-R14A-03-00-PHC-T-H	98	9.4	m
	Z2R14A	halibut	Z2R14AH7	98-2-R14A-03-00-PHC-T-H	93	8.8	m
	Z2R14A	halibut	Z2R14AH8	98-2-R14A-03-00-PHC-T-H	92	8.3	m
	Z2R14A	halibut	Z2R14AH9	98-2-R14A-03-00-PHC-T-H	96	9.2	m
	Z2R14A	halibut	Z2R14AH10	98-2-R14A-04-00-PHC-T-H	91	7.3	f
	Z2R14A	halibut	Z2R14AH11	98-2-R14A-04-00-PHC-T-H	90	7.1	m
	Z2R14A	halibut	Z2R14AH12	98-2-R14A-04-00-PHC-T-H	82	6.3	m
	Z2R14A	halibut	Z2R14AH13	98-2-R14A-04-00-PHC-T-H	86	6.8	m
	Z2R14A	halibut	Z2R14AH14	98-2-R14A-05-00-PHC-T-H	84	6.1	f
	Z2R14A	halibut	Z2R14AH15	98-2-R14A-05-00-PHC-T-H	82	5.2	m
	Z2R14A	halibut	Z2R14AH16	98-2-R14A-05-00-PHC-T-H	79	6.2	f
	Z2R14A	halibut	Z2R14AH17	98-2-R14A-05-00-PHC-T-H	77	5	m
July 3, 1998							
	Z1R23A	pacific cod	Z1R23APC1	98-1-R23A-01-00-PHC-T-PC	77	5.2	f
	Z1R23A	pacific cod	Z1R23APC2	98-1-R23A-01-00-PHC-T-PC	81	5.1	f
	Z1R23A	pacific cod	Z1R23APC3	98-1-R23A-01-00-PHC-T-PC	72	4.4	f
	Z1R23A	pacific cod	Z1R23APC4	98-1-R23A-01-00-PHC-T-PC	73	4.2	m
	Z1R23A	pacific cod	Z1R23APC5	98-1-R23A-02-00-PHC-T-PC	70	4.1	f

Table F-2. Physical Measurements of All Individual Fish Collected and Liver Composite Information.

Date	Location	Species	Individual Fish I.D.	Composite I.D.	Length (cm)	Weight (kg)	Sex
	Z1R23A	pacific cod	Z1R23APC6	98-1-R23A-02-00-PHC-T-PC	71	3.8	m
	Z1R23A	pacific cod	Z1R23APC7	98-1-R23A-02-00-PHC-T-PC	69	4	f
	Z1R23A	pacific cod	Z1R23APC8	98-1-R23A-02-00-PHC-T-PC	68	3.6	f
	Z1R23A	pacific cod	Z1R23APC9	98-1-R23A-03-00-PHC-T-PC	71	3.4	m
	Z1R23A	pacific cod	Z1R23APC10	98-1-R23A-03-00-PHC-T-PC	65	2.7	m
	Z1R23A	pacific cod	Z1R23APC11	98-1-R23A-03-00-PHC-T-PC	64	3.1	m
	Z1R23A	pacific cod	Z1R23APC12	98-1-R23A-03-00-PHC-T-PC	65	3.5	m
	Z1R23A	pacific cod	Z1R23APC13	98-1-R23A-04-00-PHC-T-PC	58	2.2	f
	Z1R23A	pacific cod	Z1R23APC14	98-1-R23A-04-00-PHC-T-PC	60	2	f
	Z1R23A	pacific cod	Z1R23APC15	98-1-R23A-04-00-PHC-T-PC	55	2.5	f
	Z1R23A	pacific cod	Z1R23APC16	98-1-R23A-04-00-PHC-T-PC	60	1.8	f
	Z1R23A	halibut	Z1R23AH1	98-1-R23A-01-00-PHC-T-H	122	20	f
	Z1R23A	halibut	Z1R23AH2	98-1-R23A-02-00-PHC-T-H	114	15.7	f
	Z1R23A	halibut	Z1R23AH3	98-1-R23A-02-00-PHC-T-H	113	16.2	m
	Z1R23A	halibut	Z1R23AH4	98-1-R23A-02-00-PHC-T-H	90	7.4	m
	Z1R23A	halibut	Z1R23AH5	98-1-R23A-02-00-PHC-T-H	88	6.9	f
	Z1R23A	halibut	Z1R23AH6	98-1-R23A-03-00-PHC-T-H	87	5.7	m
	Z1R23A	halibut	Z1R23AH7	98-1-R23A-03-00-PHC-T-H	74	4.9	m
	Z1R23A	halibut	Z1R23AH8	98-1-R23A-03-00-PHC-T-H	76	4.8	f
	Z1R23A	halibut	Z1R23AH9	98-1-R23A-03-00-PHC-T-H	79	5.2	m
	Z1R23A	halibut	Z1R23AH10	98-1-R23A-04-00-PHC-T-H	78	4.9	m
	Z1R23A	halibut	Z1R23AH11	98-1-R23A-04-00-PHC-T-H	64	3.2	m
	Z1R23A	halibut	Z1R23AH12	98-1-R23A-04-00-PHC-T-H	73	4.1	m
	Z1R23A	longnose skate	Z1R23ALS1	98-1-R23A-01-00-PHC-T-S	110	8.25	m