

39 cruises		Project Cruise Dates			Pearcy May 1981 16 - 25 May			Pearcy Jun 1981 9 - 18 Jun			Pearcy Jul 1981 9 - 19 Jul			Pearcy Aug 1981 8 - 19 Aug			Pearcy May 1982 19 May - 2 Jun		
Data set	Subset	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed			
Trawls / Purse Seine	Salmonids	x	x		x	x		x	x		x	x		x	x				
	Non-salmonids	x	pending		x	pending		x	pending		x	pending		x	pending				
	Jellies	nc			nc			nc			nc			nc					
Plankton	1-m Chlorophyll a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	3-m Chlorophyll a	nc			nc			nc			nc			nc					
	Neuston	nc			nc			nc			nc			nc					
	Bongo	x			x			x			x			incomplete					
	1/2 meter	nc			nc			nc			nc			nc					
Juveniles	Necropsy	x	x		x	x		x	x		x	x		x	x				
	CWT																		
	Fish	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
Stomachs	RMIS	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	Chinook	x			x			x			x			x					
	Coho	x			x			x			x			x					
	Other salmonids	x			x			x			x			x					
Health	Somatic condition	nc			nc			nc			nc			nc					
	Energetic condition	nc			nc			nc			nc			nc					
	Pathogens																		
	BKD	nc			nc			nc			nc			nc					
	C. shasta	nc			nc			nc			nc			nc					
Genetics	EIBS	nc			nc			nc			nc			nc					
	Nanophyetus	nc			nc			nc			nc			nc					
	Allozymes	nc			nc			nc			nc			nc					
Microsats	Chinook	nc			nc			nc			nc			nc					
	Coho	nc			nc			nc			nc			nc					
	Parasites	nc			nc			nc			nc			nc					
Scales	Chinook	nc			nc			nc			nc			nc					
	Coho	nc			nc			nc			nc			nc					
	Other salmonids	nc			nc			nc			nc			nc					
IGF	nc			nc			nc			nc			nc						
Isotopes	Stable isotopes	nc			nc			nc			nc			nc					
	Radiocarbon	nc			nc			nc			nc			nc					
	Elemental abundance	nc			nc			nc			nc			nc					
Physical	SST	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	Surface Salinity	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	Secchi Depth	nc			nc			nc			nc			few	x	x			
	CTD Profiles ³	x			x			x			x			x					
Nutrients	nc			nc			nc			nc			nc						

nc = not collected

39 cruises		Project Cruise Dates			Pearcy Jun 1982 7 - 22 Jun			Pearcy Sep 1982 4 - 14 Sep			Pearcy May 1983 16 - 27 May			Pearcy Jun 1983 9 - 27 Jun			Pearcy Sep 1983 15 - 24 Sep		
Data set	Subset	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed			
Trawls / Purse Seine	Salmonids	x	x		x	x		x	x		x	x		x	x				
	Non-salmonids	x	pending		x	pending		x	pending		x	pending		x	pending				
	Jellies	nc			nc			nc			nc			nc					
Plankton	1-m Chlorophyll a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	3-m Chlorophyll a	nc			nc			nc			nc			nc					
	Neuston	nc			nc			nc			nc			nc					
	Bongo	incomplete			incomplete			nc			nc			nc					
	1/2 meter	nc			nc			nc			nc			nc					
Juveniles	Necropsy	x	x		x	x		x	x		x	x		x	x				
	CWT																		
	Fish	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
Stomachs	RMIS	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	Chinook	x			x			x			x			x					
	Coho	x			x			x			x			x					
	Other salmonids	x			x			x			x			x					
Health	Somatic condition	nc			nc			nc			nc			nc					
	Energetic condition	nc			nc			nc			nc			nc					
	Pathogens																		
	BKD	nc			nc			nc			nc			nc					
	C. shasta	nc			nc			nc			nc			nc					
Genetics	EIBS	nc			nc			nc			nc			nc					
	Nanophyetus	nc			nc			nc			nc			nc					
	Allozymes	nc			nc			nc			nc			nc					
Microsats	Chinook	nc			nc			nc			nc			nc					
	Coho	nc			nc			nc			nc			nc					
	Parasites	nc			nc			nc			nc			nc					
Scales	Chinook	nc			nc			nc			nc			nc					
	Coho	nc			nc			nc			nc			nc					
	Other salmonids	nc			nc			nc			nc			nc					
IGF	nc			nc			nc			nc			nc						
Isotopes	Stable isotopes	nc			nc			nc			nc			nc					
	Radiocarbon	nc			nc			nc			nc			nc					
	Elemental abundance	nc			nc			nc			nc			nc					
Physical	SST	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	Surface Salinity	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	Secchi Depth	few	x	x	few	x	x	few	x	x	few	x	x	few	x	x			
	CTD Profiles ³	x			x			x			x			x					
Nutrients	nc			nc			nc			nc			nc						

nc = not collected

39 cruises		Project Cruise Dates			Pearcy Jun 1984 4 - 20 Jun			Pearcy Jul 1984 9 Jul - 3 Aug			Pearcy Sep 1984 1 - 15 Sep			Pearcy May 1985 29 May - 5 Jun			Pearcy Jun 1985 10 - 25 Jun		
Data set	Subset	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed			
Trawls / Purse Seine	Salmonids	x	x		x	x		x	x		x	x		x	x				
	Non-salmonids	x	pending		x	pending		x	pending		x	pending		x	pending				
	Jellies	nc			nc			nc			nc			nc					
Plankton	1-m Chlorophyll a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	3-m Chlorophyll a	nc			nc			nc			nc			nc					
	Neuston	x			x			x			incomplete			incomplete					
	Bongo	nc			nc			nc			incomplete			incomplete					
	1/2 meter	nc			nc			nc			nc			nc					
Juveniles	Necropsy	x	x		x	x		x	x		x	x		x	x				
	CWT																		
	Fish	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
Stomachs	RMIS	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	Chinook	x			x			x			x			x					
	Coho	x			x			x			x			x					
Health	Other salmonids	x			x			x			x			x					
	Somatic condition	nc			nc			nc			nc			nc					
	Energetic condition	nc			nc			nc			nc			nc					
	Pathogens																		
	BKD	nc			nc			nc			nc			nc					
Genetics	C. shasta	nc			nc			nc			nc			nc					
	EIBS	nc			nc			nc			nc			nc					
	Nanophyetus	nc			nc			nc			nc			nc					
	Allozymes	nc			nc			nc			nc			nc					
Parasites	Microsats																		
	Chinook	nc			nc			nc			nc			nc					
	Coho	nc			nc			nc			nc			nc					
Scales	Other salmonids	nc			nc			nc			nc			nc					
	Chinook	nc			nc			nc			nc			nc					
	Coho	nc			nc			nc			nc			nc					
IGF	Stable isotopes	nc			nc			nc			nc			nc					
	Radiocarbon	nc			nc			nc			nc			nc					
	Elemental abundance	nc			nc			nc			nc			nc					
Physical	CTD Profiles ³	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	SST	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	Surface Salinity	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	Secchi Depth	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
Nutrients		x			x			x			x			x					
		nc			nc			nc			nc			nc					

nc = not collected

39 cruises		Project Cruise Dates			BPA Jun 1998 16 - 25 Jun			BPA Sep 1998 20 - 29 Sep			BPA May 1999 18 - 25 May			BPA Jun 1999 16 - 24 Jun			BPA Sep 1999 21 Sep - 1 Oct		
Data set	Subset	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed			
Trawls / Purse Seine	Salmonids	x	x	pending	x	x	pending	x	x	pending	x	x	pending	x	x	pending			
	Non-salmonids	x	x	pending	x	x	pending	x	x	pending	x	x	pending	x	x	pending			
	Jellies	x	x		x	x		x	x		x	x		x	x				
Plankton	1-m Chlorophyll a	nc			nc			nc			nc			nc					
	3-m Chlorophyll a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	Neuston	incomplete		x	incomplete		x	incomplete		x	incomplete		x	incomplete		x			
	Bongo	x		x	x		x	3 trans		x	x		x	x		x			
	1/2 meter	x		x	x		x			x			x	x		x			
Juveniles	Necropsy	x	x		x	x		x	x		x	x		x	x				
	CWT																		
	Fish	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
Stomachs	RMIS	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	Chinook	x	x	x	x	x	x	incomplete	x		x	x	x	x	x	x			
	Coho	x	x	x	x	x	x	incomplete	x		x	x	x	x	x	x			
Health	Other salmonids	x	x	x	x	x	x	incomplete	x		x	x	x	x	x	x			
	Somatic condition	x			x			x			x			x					
	Energetic condition	x			x			x			x			x					
	Pathogens																		
	BKD	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	C. shasta	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
Genetics	EIBS	nc			nc			nc			nc			nc					
	Nanophyetus							x	x		x	x		x	x				
	Allozymes	x			x			x			x			x					
	Microsats																		
Parasites	Chinook																		
	Coho	x			x			x			x			x					
Scales	Chinook	x			nc			x			nc			nc					
	Coho	x			x			x			x			x					
	Other salmonids																		
IGF				nc			nc			nc			nc						
Isotopes	Stable isotopes	nc			x			nc			nc			x					
	Radiocarbon	nc			x			nc			nc			x					
	Elemental abundance	nc			x			nc			nc			x					
Physical	SST	x	x	x	x	x	x	x	x	x	x	x	x	few	x	x			
	Surface Salinity	x	x	x	x	x	x	x	x	x	x	x	x	few	x	x			
	Secchi Depth	x	x	x	x	x	x	x	x	x	x	x	x	few	x	x			
	CTD Profiles ³	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
Nutrients	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			

nc = not collected

39 cruises		Project Cruise Dates			BPA May 2000 22 - 24 May			GLOBEC Jun 2000 29 May - 11 Jun			BPA Jun 2000 17 - 25 Jun			GLOBEC Aug 2000 28 Jul - 12 Aug			BPA Sep 2000 19 - 24 Sep		
Data set	Subset	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed			
Trawls / Purse Seine	Salmonids	x	x	pending	x	x	x	x	x	pending	x	x	x	x	x	pending			
	Non-salmonids	x	x	pending	x	x	x	x	x	pending	x	x	x	x	x	pending			
	Jellies	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
Plankton	1-m Chlorophyll a	nc			nc			nc			nc			nc					
	3-m Chlorophyll a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	Neuston	incomplete		x	x	x	x	incomplete		x	x	x	x	incomplete		x			
	Bongo	x			nc			x		x	nc			x		x			
	1/2 meter	x			nc			x		x	nc			x		x			
Juveniles	Necropsy	x	x		x	x	x	x	x		x	x	x	x	x				
	CWT																		
	Fish	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
Stomachs	RMIS	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	Chinook	incomplete	x		x	x	x	x	x	x	x	x	x	x	x	x			
	Coho	incomplete	x		x	x	x	x	x	x	x	x	x	x	x	x			
	Other salmonids	incomplete	x		x	x	x	x	x	x	x	x	x	x	x	x			
Health	Somatic condition	x			x			x			x			x					
	Energetic condition	x			x			x			x			x					
	Pathogens																		
	BKD	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	C. shasta	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
Genetics	EIBS	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	Nanophyetus	x	x		x	x	x	x	x		x	x	x	x	x				
	Allozymes	x			x			x			x			x					
Parasites	Microsats																		
	Chinook																		
Scales	Coho	x			pending	pending	pending	x			pending			x					
	Chinook	nc			x			nc			x			x					
	Other salmonids	x			x			x			x			x					
IGF	Other salmonids	nc			nc						nc								
	Stable isotopes	nc			x			nc			x			x					
	Radiocarbon	nc			x			nc			x			x					
Physical	Elemental abundance	nc			x			nc			x			x					
	SST	few	x	x	x	x	x	nc			x	x	x	x	x	x			
	Surface Salinity	x	x	x	nc			nc			nc			nc					
	Secchi Depth	nc			x	x	x	few	x	x	x	x	x	few	x	x			
Nutrients	CTD Profiles ³	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
		x	x	x	nc			x	x	x	nc			x	x	x			

nc = not collected

39 cruises		Project Cruise Dates			BPA May 2001 20 - 22 May			BPA Jun 2001 24 Jun - 1 Jul			BPA Sep 2001 21 - 28 Sep			BPA May 2002 21 - 28 May			GLOBEC Jun 2002 1 - 18 Jun		
Data set	Subset	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed			
Trawls / Purse Seine	Salmonids	x	x	pending	x	x	pending	x	x	pending	x	x	pending	x	x	x			
	Non-salmonids	x	x	pending	x	x	pending	x	x	pending	x	x	pending	x	x	x			
	Jellies	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
Plankton	1-m Chlorophyll a	nc			nc			nc			nc			nc					
	3-m Chlorophyll a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	Neuston	nc			nc			nc			nc			x	x	x			
	Bongo				x		x	x		x				nc					
	1/2 meter				x		x	x		x				nc					
Juveniles	Necropsy	x	x		x	x		x	x		x	x		x	x	x			
	CWT																		
	Fish	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
Stomachs	RMIS	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	Chinook	incomplete	x		x	x	x	x	x	x	incomplete	x		x	x	x			
	Coho	incomplete	x		x	x	x	x	x	x	incomplete	x		x	x	x			
Health	Other salmonids	incomplete	x		x	x	x	x	x	x	incomplete	x		x	x	x			
	Somatic condition	x			x			x			x			x					
	Energetic condition	x			x			x			x			x					
Pathogens	BKD	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	C. shasta	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	EIBS	nc			nc			nc			nc			x	x	x			
	Nanophyetus	x	x		x	x		x	x		x	x		x	x	x			
Genetics	Allozymes	x			x			x			x			x					
	Microsats																		
	Chinook																		
Parasites	Coho	x			x			x			x			pending					
														x	pending	pending			
Scales	Chinook				nc			x						x					
	Coho				x			x						x					
	Other salmonids																		
IGF		nc									nc			nc					
Isotopes	Stable isotopes	nc			nc			nc			nc			x					
	Radiocarbon	nc			nc			nc			nc			x					
	Elemental abundance	nc			nc			nc			nc			x					
Physical	SST	x	x	x	nc			few	x	x	x	x	x	x	x	x			
	Surface Salinity	nc			nc			x	x	x	x	x	x	nc					
	Secchi Depth	x	x	x	x	x	x	few	x	x	nc			x	x	x			
	CTD Profiles ³	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
Nutrients		x	x	x	x	x	x	x	x	x	x	x	x	nc					

nc = not collected

39 cruises		Project Cruise Dates			BPA Jun 2002 21 - 28 Jun			GLOBEC Aug 2002 1 - 17 Aug			BPA Sep 2002 26 Sep - 3 Oct			BPA May 2003 20 - 23 May			BPA Jun 2003 23 Jun - 3 Jul		
Data set	Subset	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed			
Trawls / Purse Seine	Salmonids	x	x	pending	x	x	x	x	x	pending	x	x	pending	x	x	pending			
	Non-salmonids	x	x	pending	x	x	x	x	x	pending	x	x	pending	x	x	pending			
	Jellies	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
Plankton	1-m Chlorophyll a	nc			nc			nc			nc			nc					
	3-m Chlorophyll a	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	Neuston	nc			x	x	x	nc			nc			nc					
	Bongo	x		x	nc			x		x				x		x			
	1/2 meter	x		x	nc			x		x				x		x			
Juveniles	Necropsy	x	x		x	x	x	x	x		x	x		x	x				
	CWT																		
	Fish	x	x	x	x	x	x	x	x	x									
	RMIS	x	x	x	x	x	x	x	x	x									
Stomachs	Chinook	x	x	x	x	x	x	x	x	x	incomplete	x		x	x	pending			
	Coho	x	x	x	x	x	x	x	x	x	incomplete	x		x	x	pending			
	Other salmonids	x	x	x	x	x	x	x	x	x	incomplete	x		x	x	pending			
Health	Somatic condition	x			x			x			x			x					
	Energetic condition	x			x			x			x			x					
	Pathogens																		
	BKD	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	C. shasta	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
Genetics	EIBS	nc			x	x	x	nc			nc			nc					
	Nanophyetus	x	x		x	x	x	x	x										
	Allozymes	x			x			x			x			x					
	Microsats																		
Parasites	Chinook				pending						x			x					
	Coho	x	x		x	pending	pending	x	x										
	Other salmonids																		
Scales	Chinook	x			x			x								pending			
	Coho	x			x			pending								pending			
	Other salmonids																		
IGF	Stable isotopes	nc			x			nc			nc			nc					
	Radiocarbon	nc			x			nc			nc			nc					
	Elemental abundance	nc			x			nc			nc			nc					
Physical	SST	x	x	x	x	x	x	x	x	x	nc			nc					
	Surface Salinity	nc			nc			nc			nc			nc					
	Secchi Depth	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
	CTD Profiles ³	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
Nutrients	x	x	x	nc			x	x	x	x	x	x	x	x	x	x			

nc = not collected

39 cruises		Project Cruise Dates			BPA Sep 2003 26 Sep - 3 Oct			BPA May 2004 22 - 25 May			BPA Jun 2004 22 - 29 Jun			BPA Sep 2004 22 - 29 Sep		
Data set	Subset	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed	Available	Database	Proofed			
Trawls / Purse Seine																
	Salmonids	x	x	pending	x	x	pending	x	x	pending	x	x	pending			
	Non-salmonids	x	x	pending	x	x	pending	x	x	pending	x	x	pending			
	Jellies	x	x	x	x	x	x	x	x	x	x	x	x			
Plankton																
	1-m Chlorophyll a	nc			nc			nc			nc					
	3-m Chlorophyll a	x	x	x	x	x	x	x	x	x	x	x	x			
	Neuston	nc			nc			nc			nc					
	Bongo							pending								
	1/2 meter							pending								
Juveniles																
	Necropsy	x	x		x	x		x	x		x	x				
	CWT															
	Fish															
	RMIS															
Stomachs																
	Chinook	x	x	x												
	Coho	x	x	x												
	Other salmonids	x	x	x												
Health																
	Somatic condition	x			x			x			x					
	Energetic condition	x			x			x			x					
	Pathogens															
	BKD	x	x	x												
	C. shasta	x	x	x	x			x			x					
	EIBS	nc			nc			nc			nc					
	Nanophyetus															
Genetics																
	Allozymes	x														
	Microsats															
	Chinook															
	Coho	x			x			x			x					
Parasites																
Scales																
	Chinook	x						pending								
	Coho	x						pending								
	Other salmonids															
IGF																
	IGF	nc			?			?			?					
Isotopes																
	Stable isotopes	nc			nc			nc			nc					
	Radiocarbon	nc			nc			nc			nc					
	Elemental abundance	nc			nc			nc			nc					
Physical																
	SST	x	x	x	nc			nc			x	x	x			
	Surface Salinity	nc			nc			nc			nc					
	Secchi Depth	x	x	x	x	x	x	x	x	x	x	x	x			
	CTD Profiles ³	x	x	x	x	x	x	x	x	x	x	x	x			
Nutrients																
	Nutrients	x	x	x	x	x	x	x	x	x	x	x	x			

nc = not collected

Updated 9 Dec 05

Data set	Subset	Description
Trawls / Purse Seine		Nordic 264 rope trawl towed at surface for BPA and GLOBEC projects; 495 m long herring seine for Percy project
	Salmonids	species, counts, and at-sea meristics of salmonids
	Non-salmonids	species, counts, and at-sea meristics of non-salmonid fishes
Plankton	Jellies	species, counts, and at-sea meristics of jellyfish, comb jellies, and other gelatinous animals
	1-m Chlorophyll a	1-m depth chlorophyll a concentrations as measured fluorometrically
	3-m Chlorophyll a	3-m depth chlorophyll a concentrations as measured fluorometrically
	Neuston	biovolumes, species, and concentrations of zooplankton collected in neuston tows; BPA -- only about 30 samples completed
	Bongo	species and concentrations of zooplankton collected in bongo tows; BPA -- status for LP, GH, CR, CM, NH, and QR transects, except May 99 which has 3 transects completed
Juveniles	1/2 meter	species and concentrations of zooplankton collected in 1/2 m vertical, 202-µm net tows; BPA -- status is for all stations
	Necropsy	lab meristics, latex tags, fat, sex, and external parasites
	CWT	
Stomachs	Fish	absence or presence of coded-wire tag, tag number
	RMIS	coded-wire tag catch and release data from PSFMC's RMIS online database
Health	Chinook	species, counts, and meristics of Chinook salmon stomach contents
	Coho	species, counts, and meristics of coho salmon stomach contents; BPA -- basically done, but not all fish processed. More coho being processed to match with Brian's research.
	Other salmonids	species, counts, and meristics of other salmon stomach contents
Genetics	Somatic condition	length-wet weight of salmonids
	Energetic condition	length-dry weight of salmonids
	Pathogens	
	BKD	bacterial kidney disease caused by <i>Renibacterium salmoninarum</i> ; lab protocol -- a subsample of those necropsied
	C. shasta	<i>Ceratomyxa shasta</i> ; 2004 -- CR transect only
Parasites	EIBS	Erythrocytic Inclusion Body Syndrome
	Nanophyetus	<i>Nanophyetus</i> spp. -- trematode
	Allozymes	allozymes for Chinook and coho salmon
Scales	Microsats	
	Chinook	microsatellite DNA loci for Chinook salmon
	Coho	microsatellite DNA loci for coho salmon
IGF	Chinook	macroparasite species, counts, and meristics for trophic and dietary relationships
	Coho	ocean growth from scales using Fraser-Lee back-calculation procedure and growth rate 1-2 weeks preceding capture
	Other salmonids	growth from scales for Chinook salmon
Isotopes	Stable isotopes	growth from scales for coho salmon
	Radiocarbon	growth from scales for other salmonids
	Elemental abundance	plasma insulin-like growth factor
Physical	Stable isotopes	$^{13}\text{C}/^{12}\text{C}$, $^{15}\text{N}/^{14}\text{N}$, and standard deviations of salmon muscle tissue analyses
	Radiocarbon	$^{14}\text{C}/^{12}\text{C}$ and standard deviations of salmon muscle tissue analyses; subsample of stable isotope and elemental abundance samples
	Elemental abundance	%C, %N, C/N, and standard deviations
Nutrients	SST	sea surface temperature from surface water collected with a bucket
	Surface Salinity	Percy -- laboratory measured salinity from 1-m depth; BPA -- field measured with refractometer from surface water collected with a bucket
	Secchi Depth	secchi disk depth (size used?); Percy project -- few readings from 1981 to 1983
Nutrients	CTD Profiles	depth, temperature, salinity, conductivity, density, etc. from vertical water profiles; Percy project -- data in Apple II format, calib. problems, missing for some tows
		concentrations of phosphate, nitrate, nitrite, silicate, and ammonium