









<b>Date</b>	30-Apr-88	30-Apr-88	30-Apr-88	30-Apr-89	29-Apr-90	2-May-91	3-May-91	2-May-92	4-May-92
Frilled Dogwinkle									
File Dogwinkle									
Big-mouth Whelk									
<b>Nudibranchs</b>									
Maned Nudibranch									
False Sea Lemon (False Lemon Peel)									
Orange-tipped Nudibranch									
Opalescent Nudibranch									
Bushy-backed Nudibranch									
<b>Clams</b>		x	x		x				
Nuttal's Cockle									
Northwest Ugly Clam									
Arctic Rock Borer									
Baltic Macoma									
Stained Macoma									
Pacific Surf Clam									
Truncated Mya									
Steamer Clam (Pacific Littleneck Clam)									
Butter Clam									
Razor Clam									
<b>Mussels</b>		x	x	x	x				
Horse Mussel									
Pacific Blue Mussel	x								
<b>Scallops</b>									
Pink Scallop									
<b>Jingles</b>									
Rock Jingle									
<b>Cephalopods</b>									
Giant Pacific Octopus									
Stubby Squid									
<b>Arthropods</b>									
<b>Barnacles</b>	x	x	x	x	x				
Acorn Barnacle									
Pelagic Gooseneck Barnacle									
Thatched Acorn Barnacle									
<b>Crabs</b>		x	x		x		x		



<b>Date</b>	30-Apr-88	30-Apr-88	30-Apr-88	30-Apr-89	29-Apr-90	2-May-91	3-May-91	2-May-92	4-May-92
Red Sea Urchin									
<b>Sea Cucumbers</b>				x					
Silky Burrowing Cucumber									
Orange Cucumber (Red Cucumber)									
Tar-spot Cucumber (Black Cucumber)									
<b>Sand Dollars</b>									
Green-spined Sand Dollar (Northern Sand Dollar)									
<b>Chordates</b>									
<b>Tunicates</b>									
Colonial Tunicate (Sea Pork)									
Sea Peach									
<b>Seaweeds</b>									
Green Seaweed				x	x		x		
Band									
Attached									
Washed Up									
Red Seaweed				x	x		x		
Band									
Attached									
Washed Up									
Rockweed									
Band									
Attached									
Washed Up									
Kelps		x							
Band									
Attached									
Washed Up									
Eelgrass									
Band									
Attached									
Washed Up									
<b>Beach Substrate</b>									
Type		mud, sand		rocky, sand	rocky	pebbles	rocky, pebbles, sand		









<b>Date</b>	30-Apr-88	30-Apr-88	30-Apr-88	30-Apr-89	29-Apr-90	2-May-91	3-May-91	2-May-92	4-May-92
Comments									
<b><i>Most Peculiar Item Collected?</i></b>	1 satellite dish								
<b><i>Comments</i></b>	4 garbage	metal, plas	Metal, fishi	Glass, met	Glass uncc	Glass rare.	Glass, aluminum cans, plastics, s		
<b><u>Additional Observations and Comments</u></b>	We walked almost ent 14 50-lb onion bags full of dead clams found on the beach and repd								

<b><u>Zone 10</u></b>							
<b>Shore</b>							
<b>Total Surveys</b>							
<b>Start Point</b>							
<b>Start Lat/Long</b>							
<b>End Point</b>							
<b>End Lat/Long</b>							
<b>Dates Walked</b>							
<b>Spring Surveys</b>							
<b>Fall Surveys</b>							
<b>First Walked</b>							
<b>Last Walked</b>							
<b>Total Person-Hours</b>							
<b>Total Trash Bags Collected</b>							
<b>Total Estimated Weight of Trash Collected</b>							
<b><u>General Info</u></b>							
<b>Date</b>	20-Sep-98	21-Sep-00	24-Sep-00	17-Sep-01	; 7-Oct-02;	11-Oct-02	13 and 14. 09.03
<b>Start Time</b>	1000		1130		1200		1000
<b>End Time</b>	1200		1330		1500		1415
<b>Lowest Tide</b>					-1.6		0.8
	<b>at time</b>				1219		1012
<b>Temperature (F)</b>	48		50		40-50		45
<b>Sky</b>	cloudy	cloudy	cloudy	cloudy	Cloudy		sunny
<b>Vertical Zones Walked:</b>							
	High	x	x	x	x		x
	Middle				x		x
	Low	x					x
<b># of Observers</b>	4	1	2	2	2		2
<b>Hours Spent</b>	2	11	2	8	6		4.25
<b>Person-Hours</b>	8	11	4	16	12	0	8.5
<b>Shoreline Walked (miles)</b>			1.5	2	4		2
<b>Total Trip Mileage</b>				3	6		2.5
<b>Did Observers . . .</b>							
	Hike?		x	x	x		x
	Kayak?						

Date	20-Sep-98	21-Sep-00	24-Sep-00	17-Sep-01	7-Oct-02; 11-Oct-02	13 and 14. 09.03
Other (specify)?						
<b>Trash Bags Collected</b>				14	10	6
<b>Estimated Weight of Collected Trash</b>						70
<b><u>Wildlife</u></b>						
<b><i>Birds</i></b>						
Loons			1		1	0
Sea Ducks					x	0
Other Ducks and Geese						0
Bald Eagles						
Adults				2		0
Immatures						0
Nests						0
Shorebirds				100		0
Seabirds	25	32	1	339		250
Crows and Ravens				38		12
Others (see separate Bird list)		9		female or winter longspur, 2		0
<b><i>Domestic Mammals</i></b>						
Cattle						0
Horses				tracks		0
Dogs	2	2	tracks	1	2	0
Other						
<b><i>Land Mammals</i></b>						
Moose						
Adults						0
Calves						0
Black Bears						0
Brown Bears						0
Land/River Otters						0
Red Squirrels						0
Tracks Identified						0
Other		many signs of voles		scurrying rodents		
<b><i>Marine Mammals</i></b>						
Sea Otters						0
Harbor Seals	1	1		1		0

<b>Date</b>	20-Sep-98	21-Sep-00	24-Sep-00	17-Sep-01	7-Oct-02; 11-Oct-02	13 and 14. 09.03
Steller's Sea Lions		1			2	0
Harbor Porpoises						0
Whales						
Beluga						0
Orca						0
Minke						0
Humpback						0
Gray						0
Unknown						0
Other/Unidentified						
<b><i>Please note any unusual wildlife sightings</i></b>	1 dead chicken, 1 dead murre. To 19 silver salmon (spawning) skeletons.					
<b><u>Invertebrates</u></b>						
<i>(from the Intertidal Biodiversity Checklist)</i>						
<b><i>Please note any interesting observations or changes in abundance here</i></b>	pecially cold winter					sand worm casings,
<b><u>Sponges</u></b>						
Breadcrumb Sponge						
Purple Sponge						
<b><u>Cnidarians</u></b>						
<b><u>Anemones</u></b>	x		x			
Burrowing Green Anemone						x
Orange Colonial Anemone						
Frilled (Plumose) Anemone						
Christmas Anemone						
<b><u>Sea Jellies</u></b>				x		
Moon Jelly						
Many-ribbed Hydromedusa						
Compass Jelly						
Lion's Mane Jelly						
<b><u>Worms</u></b>						
Giant Flatworm						

<b>Date</b>	20-Sep-98	21-Sep-00	24-Sep-00	17-Sep-01	7-Oct-02; 11-Oct-02	13 and 14. 09.03
<b>Nemerteans</b>						
Amphiporus (Two-spotted) Ribbon Worm						
Red Ribbon Worm						
<b>Echiurans</b>						
Fat Innkeeper (Alaskan Spoonworm)						
<b>Sipunculids</b>						
Peanut Worm						
<b>Annelids</b>						
Mussel Worm (Clam Worm)						
Northern Feather Duster Worm (Carpet Worm)						
Cone Worm						
Calcareous Tube Worm						
Spiral Tube Worm						
Scaleworm						
<b>Brachiopods</b>						
Transverse Lampshell						
<b>Mollusks</b>						
<b>Chitons</b>	x		x			
Gumboot Chiton						
Black Katy Chiton						
Brick Chiton						
Mossy Chiton						
Tiger Chiton						
Lined Chiton						
<b>Limpets</b>	x		x			
Dunce Cap Limpet						
Plate Limpet						
<b>Snails</b>	x		x			
Hairy Triton						
Sitka Periwinkle						x
Helicina Margarite						
Puppet Margarite						
Aleutian Moonsnail						
Ridged Neptune						
Channeled Dogwinkle						
Emarginate Dogwinkle						

<b>Date</b>	20-Sep-98	21-Sep-00	24-Sep-00	17-Sep-01	7-Oct-02; 11-Oct-02	13 and 14. 09.03
Frilled Dogwinkle						
File Dogwinkle						
Big-mouth Whelk						shells
<b>Nudibranchs</b>						
Maned Nudibranch						
False Sea Lemon (False Lemon Peel)						
Orange-tipped Nudibranch						
Opalescent Nudibranch						
Bushy-backed Nudibranch						
<b>Clams</b>	x		x			
Nuttal's Cockle						many shells
Northwest Ugly Clam						few shells
Arctic Rock Borer						shells
Baltic Macoma						shells
Stained Macoma						
Pacific Surf Clam						
Truncated Mya						
Steamer Clam (Pacific Littleneck Clam)						many shells
Butter Clam						few shells
Razor Clam						
<b>Mussels</b>	x		x			
Horse Mussel						
Pacific Blue Mussel						x
<b>Scallops</b>						
Pink Scallop						
<b>Jingles</b>						
Rock Jingle						
<b>Cephalopods</b>						
Giant Pacific Octopus	x		x			
Stubby Squid						
<b>Arthropods</b>						
<b>Barnacles</b>	x		x			
Acorn Barnacle						x
Pelagic Gooseneck Barnacle						
Thatched Acorn Barnacle						
<b>Crabs</b>	x		x	x		few misc. shell parts

<b>Date</b>	20-Sep-98	21-Sep-00	24-Sep-00	17-Sep-01	7-Oct-02; 11-Oct-02	13 and 14. 09.03
Dungeness Crab						
Black-clawed Cancer Crab						
Red Hermit Crab						
Striped Hermit Crab						
Decorator Crab						
Carapace Crab						
Red King Crab						
Northern Kelp Crab						
Helmet Crab						
<b>Shrimp</b>	x					
Broken-back Shrimp						
Coonstripe Shrimp						
Sand Shrimp						
<b>Isopods</b>						
Pillbug Isopod						
Rockweek Isopod						
<b>Amphipods</b>						
Skeleton Shrimp						
Small Beach Hopper						
<b>Echinoderms</b>						
<b>Sea Stars</b>	x		x			
Little Six-rayed Star						
Red-banded Star (Rainbow Star)						
Ochre Star						
Sunflower Star						
Morning Sun Star						
Stimpson's Sun Star						
Rose Star						
Leather Star						
True Star (False Ochre Star, Mottled Star)						x
Blood Star						
<b>Brittle Stars</b>						
Serpent Star						
Daisy Brittle Star						
<b>Sea Urchins</b>	x		x			
Green Sea Urchin						

<b>Date</b>	20-Sep-98	21-Sep-00	24-Sep-00	17-Sep-01	7-Oct-02; 11-Oct-02	13 and 14. 09.03
Red Sea Urchin						
<b>Sea Cucumbers</b>						
Silky Burrowing Cucumber						
Orange Cucumber (Red Cucumber)						
Tar-spot Cucumber (Black Cucumber)						
<b>Sand Dollars</b>						
Green-spined Sand Dollar (Northern Sand Dollar)						
<b>Chordates</b>						
<b>Tunicates</b>						many small sea squirts on rocks
Colonial Tunicate (Sea Pork)						
Sea Peach						
<b>Seaweeds</b>						
Green Seaweed	x					
Band						
Attached						
Washed Up						
Red Seaweed	x					
Band						
Attached						
Washed Up			x			
Rockweed						
Band						
Attached						
Washed Up			x			
Kelps						
Band						
Attached						
Washed Up						x
Eelgrass						
Band						
Attached						x
Washed Up			x			
<b>Beach Substrate</b>						
Type	all	rocky, pebb	pebbles	pebbles, s	æbbles, sand	rocky pebbles sand m

Date	20-Sep-98	21-Sep-00	24-Sep-00	17-Sep-01	7-Oct-02; 11-Oct-02	13 and 14. 09.03
<b><u>Bluff and Cliff Erosion</u></b>						
Comments	slight	moderate	slight	Area around	the edge, but they are dealing well with erosion	
<b><u>Human Activities</u></b>						
Walking						
Signs of	1			1		
Actual observation	1					3
Camping						
Signs of	1	1			3	
Actual observation						
Partying						
Signs of						
Actual observation						
Fire Pits						
Signs of			6	2		
Actual observation						3
Trash Accumulations						
Signs of						
Actual observation						
Clamming						
Signs of	1		1	3	old boat harbor	
Actual observation						
Fishing						
Signs of	1	1			by old fishing hole	
Actual observation					fish carcasses, more trash	30
Coaling						
Signs of	1					
Actual observation						
Picnicking						
Signs of	1					
Actual observation						
Horseback Riding						
Signs of				1		

Date	20-Sep-98	21-Sep-00	24-Sep-00	17-Sep-01	7-Oct-02; 11-Oct-02	13 and 14. 09.03
Actual observation						
Harvesting (specify)						
Signs of						
Actual observation	1 (beach pea)					
Other (specify)	landscaping					
<b><u>Vehicle Use</u></b>						
Cars/Trucks						
Sets of tracks	1	1	2	2	in gravel	many
Actual observation	1	1			on beach, tidepools	
ATVs/Motorcycles						
Sets of tracks				10	in mud	many
Actual observation					in tidepools	
Bicycles						
Sets of tracks						many
Actual observation						
Aircraft						
Sets of tracks					in air	
Actual observation						
Other (specify)						
<b><u>Structures on the Beach</u></b>						
Buildings		1				commercial lagoons and c
Docks						commercial lagoons and c
Driftwood Structures				1	by campers, 3	
Riprapped Areas				1		
Erosion Control Structures				1		commercial 2
Abandoned Vehicles					old landing craft	
Abandoned Boats						
Boat Parts	1					
<b><u>Archaeological Sites</u></b>						
Shell Middens						
Other (specify)						

<b>Date</b>	20-Sep-98	21-Sep-00	24-Sep-00	17-Sep-01	7-Oct-02; 11-Oct-02	13 and 14. 09.03
<b><u>Outfalls or Pipes</u></b>						
Number		2		1		
Comments				Water from settling pond for dredge.		
<b><u>Toxic Pollution</u></b>						
Fuel (oil, gas, etc.)		1				
Lubricating Oil						
Paint	1		1			
Batteries	1					
<b><u>Trash &amp; Debris</u></b>						
(from International Coastal Cleanup Data Card)						
<b><i>Shoreline and Recreational Activities</i></b>						
Bags/Food Wrappers				85	56	34
Balloons					2	0
Beverage Bottles, plastic, 2-liter or less				35	45	9
Beverage Bottles, glass				14	6	6
Beverage Cans				104	105	27
Caps, Lids				28	48	5
Clothing, Cloth				5	34	8
Cups, Plates, Forks, Knives, Spoons				30	31	3
Diapers						0
Fast-food Containers					105	36
6-pack Holders				1	4	1
Pull Tabs						0
Shotgun Shells/Wadding					29	0
Straws, Stirrers					6	0
Toys				1	9	2
other			53 plastic debris, 8 paper debris, millions of broken glass shards			
<b><i>Ocean/Waterway Activities</i></b>						
Bait Containers/Packaging				4	10	0
Bleach/Cleaner Bottles				2		0
Buoys/Floats		1		4	8	5
Crab/Lobster/Fish Traps						0
Crates				2		0

<b>Date</b>	20-Sep-98	21-Sep-00	24-Sep-00	17-Sep-01	7-Oct-02; 11-Oct-02	13 and 14. 09.03
Fishing Line				3	14	3
Fishing Lures		1		11	8	3
Fishing Nets				2		0
Light Bulbs/Tubes						0
Oil/Lube Bottles				6	10	0
Pallets				6	2	0
Plastic Sheeting/Tarps				12	17	5
Rope				34	33	14
Strapping Bands				7	8	0
<b>Smoking-Related Activities</b>						
Cigarettes/Cigarette Filters				2	1	0
Cigarette Lighters				1	16	0
Cigar Tips						0
Tobacco Packaging/Wrappers				1	12	0
<b>Dumping Activities</b>						
Appliances (refrigerators, washers, etc.)				3		0
Batteries						0
Cars/Car Parts				1	19	0
Construction Materials				33	23	0
55-gallon Drums						0
Tires		1		3	6	2
<b>Medical/Personal Hygiene</b>						
Syringes						0
Condoms						0
Tampons/Tampon Applicators					1	0
<b>Debris Items of Local Concern</b>				2 Help cards, #3736 and 5090.		
				38 places with strewn styrofoam pieces; 215 large pieces of styrofoam		
<b>Entangled Animals</b>						
Type of Animal						
Form of Entangling Debris						

<b>Date</b>	20-Sep-98	21-Sep-00	24-Sep-00	17-Sep-01	; 7-Oct-02; 11-Oct-02	13 and 14. 09.03
Comments						
<b><i>Most Peculiar Item Collected?</i></b>				1 size 10 Fila tennis shoe, 1 Walkmaster size 11 child's s		
<b><i>Comments</i></b>	Aluminum,	Aluminum c	Plastics and styrofoam	startling amount of styrofoam		
<b><u>Additional Observations and Comments</u></b>	Moderately	Along the SW side above the (illegible) ramp 8 or 10 small spruce seem to be dc				

<b><u>Zone 10</u></b>									
Shore									
Total Surveys									
Start Point									
Start Lat/Long									
End Point									
End Lat/Long									
Dates Walked									
Spring Surveys									
Fall Surveys									
First Walked									
Last Walked									
Total Person-Hours									
Total Trash Bags Collected									
Total Estimated Weight of Trash Collected									
<b><u>General Info</u></b>									
Date	10.11.04	9.21.05							
Start Time	1100	1443							
End Time	1245	1600							
Lowest Tide		-1.7							
	at time	1140							
Temperature (F)		57							
Sky	overcast	p. cloudy							
Vertical Zones Walked:									
	High	x							
	Middle	x							
	Low								
# of Observers	1	1							
Hours Spent	2	3							
Person-Hours	2	3	0	0	0	0	0	0	0
Shoreline Walked (miles)	0.5	2							
Total Trip Mileage	0.5	4							
Did Observers . . .									
	Hike?	x	x						
	Kayak?								











Date	10.11.04	9.21.05							
Red Sea Urchin									
<b>Sea Cucumbers</b>									
Silky Burrowing Cucumber									
Orange Cucumber (Red Cucumber)									
Tar-spot Cucumber (Black Cucumber)									
<b>Sand Dollars</b>									
Green-spined Sand Dollar (Northern Sand Dollar)									
<b>Chordates</b>									
<b>Tunicates</b>		s in runnels							
Colonial Tunicate (Sea Pork)									
Sea Peach									
<b>Seaweeds</b>									
Green Seaweed									
Band		x							
Attached									
Washed Up									
Red Seaweed									
Band									
Attached									
Washed Up									
Rockweed									
Band									
Attached		x							
Washed Up									
Kelps									
Band									
Attached		x							
Washed Up	x								
Eelgrass									
Band									
Attached		x							
Washed Up									
<b>Beach Substrate</b>									
Type	ud	pebbles							





Date	10.11.04	9.21.05							
<b><u>Outfalls or Pipes</u></b>									
Number									
Comments									
<b><u>Toxic Pollution</u></b>									
Fuel (oil, gas, etc.)									
Lubricating Oil									
Paint									
Batteries									
<b><u>Trash &amp; Debris</u></b>									
(from International Coastal Cleanup Data Card)									
<b><i>Shoreline and Recreational Activities</i></b>									
Bags/Food Wrappers	3	1				179			
Balloons						2			
Beverage Bottles, plastic, 2-liter or less	2	2				93			
Beverage Bottles, glass		3				29			
Beverage Cans	8	2				246			
Caps, Lids	2	1				84			
Clothing, Cloth		2				49			
Cups, Plates, Forks, Knives, Spoons						64			
Diapers						0			
Fast-food Containers	1					142			
6-pack Holders						6			
Pull Tabs						0			
Shotgun Shells/Wadding						29			
Straws, Stirrers						6			
Toys						12			
other		brush				0			
<b><i>Ocean/Waterway Activities</i></b>									
Bait Containers/Packaging		1				15			
Bleach/Cleaner Bottles						2			
Buoys/Floats	2					20			
Crab/Lobster/Fish Traps						0			
Crates						2			



<b>Date</b>	10.11.04	9.21.05							
Comments									
<b><i>Most Peculiar Item Collected?</i></b>	andal.	Also a sled.							
<b><i>Comments</i></b>									
<b><u>Additional Observations and Comments</u></b>	giving well. I believe they were planted in as a group project some years back.								

<b><u>Zone 10</u></b>	
<b>Shore</b>	
<b>Total Surveys</b>	
<b>Start Point</b>	
<b>Start Lat/Long</b>	
<b>End Point</b>	
<b>End Lat/Long</b>	
<b>Dates Walked</b>	
<b>Spring Surveys</b>	
<b>Fall Surveys</b>	
<b>First Walked</b>	
<b>Last Walked</b>	
<b>Total Person-Hours</b>	
<b>Total Trash Bags Collected</b>	
<b>Total Estimated Weight of Trash Collected</b>	
<b><u>General Info</u></b>	
<b>Date</b>	
<b>Start Time</b>	
<b>End Time</b>	
<b>Lowest Tide</b>	
<b>at time</b>	
<b>Temperature (F)</b>	
<b>Sky</b>	
<b>Vertical Zones Walked:</b>	
High	
Middle	
Low	
<b># of Observers</b>	
<b>Hours Spent</b>	
<b>Person-Hours</b>	
0	
<b>Shoreline Walked (miles)</b>	
<b>Total Trip Mileage</b>	
<b>Did Observers . . .</b>	
Hike?	
Kayak?	



<b>Date</b>	
Steller's Sea Lions	
Harbor Porpoises	
Whales	
	Beluga
	Orca
	Minke
	Humpback
	Gray
	Unknown
Other/Unidentified	
<b><i>Please note any unusual wildlife sightings</i></b>	
<b><u>Invertebrates</u></b>	
<i>(from the Intertidal Biodiversity Checklist)</i>	
<b><i>Please note any interesting observations or changes in abundance here</i></b>	
<b><i>Sponges</i></b>	
Breadcrumb Sponge	
Purple Sponge	
<b><i>Cnidarians</i></b>	
<b><i>Anemones</i></b>	
Burrowing Green Anemone	
Orange Colonial Anemone	
Frilled (Plumose) Anemone	
Christmas Anemone	
<b><i>Sea Jellies</i></b>	
Moon Jelly	
Many-ribbed Hydromedusa	
Compass Jelly	
Lion's Mane Jelly	
<b><i>Worms</i></b>	
Giant Flatworm	

<b>Date</b>	
<b><i>Nemerteans</i></b>	
Amphiporus (Two-spotted) Ribbon Worm	
Red Ribbon Worm	
<b><i>Echiurans</i></b>	
Fat Innkeeper (Alaskan Spoonworm)	
<b><i>Sipunculids</i></b>	
Peanut Worm	
<b><i>Annelids</i></b>	
Mussel Worm (Clam Worm)	
Northern Feather Duster Worm (Carpet Worm)	
Cone Worm	
Calcareous Tube Worm	
Spiral Tube Worm	
Scaleworm	
<b><i>Brachiopods</i></b>	
Transverse Lampshell	
<b><i>Mollusks</i></b>	
<b><i>Chitons</i></b>	
Gumboot Chiton	
Black Katy Chiton	
Brick Chiton	
Mossy Chiton	
Tiger Chiton	
Lined Chiton	
<b><i>Limpets</i></b>	
Dunce Cap Limpet	
Plate Limpet	
<b><i>Snails</i></b>	
Hairy Triton	
Sitka Periwinkle	
Helicina Margarite	
Puppet Margarite	
Aleutian Moonsnail	
Ridged Neptune	
Channeled Dogwinkle	
Emarginate Dogwinkle	

<b>Date</b>	
Frilled Dogwinkle	
File Dogwinkle	
Big-mouth Whelk	
<b><i>Nudibranchs</i></b>	
Maned Nudibranch	
False Sea Lemon (False Lemon Peel)	
Orange-tipped Nudibranch	
Opalescent Nudibranch	
Bushy-backed Nudibranch	
<b><i>Clams</i></b>	
Nuttal's Cockle	
Northwest Ugly Clam	
Arctic Rock Borer	
Baltic Macoma	
Stained Macoma	
Pacific Surf Clam	
Truncated Mya	
Steamer Clam (Pacific Littleneck Clam)	
Butter Clam	
Razor Clam	
<b><i>Mussels</i></b>	
Horse Mussel	
Pacific Blue Mussel	
<b><i>Scallops</i></b>	
Pink Scallop	
<b><i>Jingles</i></b>	
Rock Jingle	
<b><i>Cephalopods</i></b>	
Giant Pacific Octopus	
Stubby Squid	
<b><i>Arthropods</i></b>	
<b><i>Barnacles</i></b>	
Acorn Barnacle	
Pelagic Gooseneck Barnacle	
Thatched Acorn Barnacle	
<b><i>Crabs</i></b>	

<b>Date</b>	
Dungeness Crab	
Black-clawed Cancer Crab	
Red Hermit Crab	
Striped Hermit Crab	
Decorator Crab	
Carapace Crab	
Red King Crab	
Northern Kelp Crab	
Helmet Crab	
<b>Shrimp</b>	
Broken-back Shrimp	
Coonstripe Shrimp	
Sand Shrimp	
<b>Isopods</b>	
Pillbug Isopod	
Rockweek Isopod	
<b>Amphipods</b>	
Skeleton Shrimp	
Small Beach Hopper	
<b>Echinoderms</b>	
<b>Sea Stars</b>	
Little Six-rayed Star	
Red-banded Star (Rainbow Star)	
Ochre Star	
Sunflower Star	
Morning Sun Star	
Stimpson's Sun Star	
Rose Star	
Leather Star	
True Star (False Ochre Star, Mottled Star)	
Blood Star	
<b>Brittle Stars</b>	
Serpent Star	
Daisy Brittle Star	
<b>Sea Urchins</b>	
Green Sea Urchin	

<b>Date</b>	
Red Sea Urchin	
<b>Sea Cucumbers</b>	
Silky Burrowing Cucumber	
Orange Cucumber (Red Cucumber)	
Tar-spot Cucumber (Black Cucumber)	
<b>Sand Dollars</b>	
Green-spined Sand Dollar (Northern Sand Dollar)	
<b><i>Chordates</i></b>	
<b><i>Tunicates</i></b>	
Colonial Tunicate (Sea Pork)	
Sea Peach	
<b><u>Seaweeds</u></b>	
Green Seaweed	
	Band
	Attached
	Washed Up
Red Seaweed	
	Band
	Attached
	Washed Up
Rockweed	
	Band
	Attached
	Washed Up
Kelps	
	Band
	Attached
	Washed Up
Eelgrass	
	Band
	Attached
	Washed Up
<b><u>Beach Substrate</u></b>	
Type	

<b>Date</b>	
<b><u>Bluff and Cliff Erosion</u></b>	
Comments	
<b><u>Human Activities</u></b>	
Walking	
	Signs of
	Actual observation
Camping	
	Signs of
	Actual observation
Partying	
	Signs of
	Actual observation
Fire Pits	
	Signs of
	Actual observation
Trash Accumulations	
	Signs of
	Actual observation
Clamming	
	Signs of
	Actual observation
Fishing	
	Signs of
	Actual observation
Coaling	
	Signs of
	Actual observation
Picnicking	
	Signs of
	Actual observation
Horseback Riding	
	Signs of

<b>Date</b>	
	Actual observation
Harvesting (specify)	
	Signs of
	Actual observation
Other (specify)	
	<b><u>Vehicle Use</u></b>
Cars/Trucks	
	Sets of tracks
	Actual observation
ATVs/Motorcycles	
	Sets of tracks
	Actual observation
Bicycles	
	Sets of tracks
	Actual observation
Aircraft	
	Sets of tracks
	Actual observation
Other (specify)	
	<b><u>Structures on the Beach</u></b>
Buildings	
Docks	
Driftwood Structures	
Riprapped Areas	
Erosion Control Structures	
Abandoned Vehicles	
Abandoned Boats	
	Boat Parts
	<b><u>Archaeological Sites</u></b>
Shell Middens	
Other (specify)	

<b>Date</b>	
<b><u>Outfalls or Pipes</u></b>	
Number	
Comments	
<b><u>Toxic Pollution</u></b>	
Fuel (oil, gas, etc.)	
Lubricating Oil	
Paint	
Batteries	
<b><u>Trash &amp; Debris</u></b>	
(from International Coastal Cleanup Data Card)	
<b><i>Shoreline and Recreational Activities</i></b>	
Bags/Food Wrappers	
Balloons	
Beverage Bottles, plastic, 2-liter or less	
Beverage Bottles, glass	
Beverage Cans	
Caps, Lids	
Clothing, Cloth	
Cups, Plates, Forks, Knives, Spoons	
Diapers	
Fast-food Containers	
6-pack Holders	
Pull Tabs	
Shotgun Shells/Wadding	
Straws, Stirrers	
Toys	
other	
<b><i>Ocean/Waterway Activities</i></b>	
Bait Containers/Packaging	
Bleach/Cleaner Bottles	
Buoys/Floats	
Crab/Lobster/Fish Traps	
Crates	

<b>Date</b>	
Fishing Line	
Fishing Lures	
Fishing Nets	
Light Bulbs/Tubes	
Oil/Lube Bottles	
Pallets	
Plastic Sheeting/Tarps	
Rope	
Strapping Bands	
<b><i>Smoking-Related Activities</i></b>	
Cigarettes/Cigarette Filters	
Cigarette Lighters	
Cigar Tips	
Tobacco Packaging/Wrappers	
<b><i>Dumping Activities</i></b>	
Appliances (refrigerators, washers, etc.)	
Batteries	
Cars/Car Parts	
Construction Materials	
55-gallon Drums	
Tires	
<b><i>Medical/Personal Hygiene</i></b>	
Syringes	
Condoms	
Tampons/Tampon Applicators	
<b><i>Debris Items of Local Concern</i></b>	
<b><i>Entangled Animals</i></b>	
Type of Animal	
Form of Entangling Debris	

<b>Date</b>	
Comments	
<i><b>Most Peculiar Item Collected?</b></i>	
<i><b>Comments</b></i>	
<u><b>Additional Observations and Comments</b></u>	