

Date	25-Apr-87	30-Apr-88	30-Apr-88	29-Apr-90	9-May-92	10-May-92	22-Sep-96	26-Sep-96
Other (specify)?								
Trash Bags Collected							1	
Estimated Weight of Collected Trash								
Wildlife								
Birds								
Loons	1							
Sea Ducks	54		78	105				
Other Ducks and Geese				6			2	
Bald Eagles								
		Adults	3	2	1	7	6	1
		Immatures	1	6		6		3
		Nests				1		1
Shorebirds		4	2	2				
Seabirds	12	50	196	22			3	
Crows and Ravens			1				1	
Others (see separate Bird list)		1	2		1 dead imn	12		
Domestic Mammals								
Cattle								
Horses								
Dogs		1	1			4	4	8
Other								
Land Mammals								
Moose								
		Adults						
		Calves						
Black Bears								
Brown Bears								
Land/River Otters								
Red Squirrels								1
Tracks Identified			squirrel	dog			bear	mink
Other				2 muskrats				
Marine Mammals								
Sea Otters						marmot		
Harbor Seals	2	2	6					

Date	25-Apr-87	30-Apr-88	30-Apr-88	29-Apr-90	9-May-92	10-May-92	22-Sep-96	26-Sep-96
Steller's Sea Lions								
Harbor Porpoises								
Whales								
Other/Unidentified								

Please note any unusual wildlife sightings Harbor seal pup on beach seeme Wood frog 1 sea otter skull The surf wa

Invertebrates

(from the Intertidal Biodiversity Checklist)

Please note any interesting observations or changes in abundance here

Sponges

Breadcrumb Sponge
Purple Sponge

Cnidarians

Anemones

Burrowing Green Anemone
Orange Colonial Anemone
Frilled (Plumose) Anemone
Christmas Anemone

x

x

Sea Jellies

Moon Jelly
Many-ribbed Hydromedusa
Compass Jelly
Lion's Mane Jelly

Worms

x

Giant Flatworm

Date	25-Apr-87	30-Apr-88	30-Apr-88	29-Apr-90	9-May-92	10-May-92	22-Sep-96	26-Sep-96
Frilled Dogwinkle								
File Dogwinkle								
Big-mouth Whelk								
Nudibranchs								
Maned Nudibranch								
False Sea Lemon (False Lemon Peel)								
Orange-tipped Nudibranch								
Opalescent Nudibranch								
Bushy-backed Nudibranch								
Clams							x	x
Nuttal's Cockle								
Northwest Ugly Clam								
Arctic Rock Borer		x						
Baltic Macoma								
Stained Macoma								
Pacific Surf Clam								
Truncated Mya								
Steamer Clam (Pacific Littleneck Clam)								
Butter Clam								
Razor Clam								
Mussels				x	x		x	x
Horse Mussel								
Pacific Blue Mussel								
Scallops								
Pink Scallop								
Jingles								
Rock Jingle								
Cephalopods								
Giant Pacific Octopus		x						x
Stubby Squid								
Arthropods								
Barnacles								
Acorn Barnacle				x				x
Pelagic Gooseneck Barnacle								
Thatched Acorn Barnacle								
Crabs		x					x	x

Date	25-Apr-87	30-Apr-88	30-Apr-88	29-Apr-90	9-May-92	10-May-92	22-Sep-96	26-Sep-96
Red Sea Urchin								
Sea Cucumbers								
Silky Burrowing Cucumber								
Orange Cucumber (Red Cucumber)								
Tar-spot Cucumber (Black Cucumber)								
Sand Dollars								
Green-spined Sand Dollar (Northern Sand Dollar)								
Chordates								
Tunicates								
Colonial Tunicate (Sea Pork)			x					
Sea Peach								
Seaweeds								
Green Seaweed					x	x	x	x
Band Attached								
Washed Up								
Red Seaweed					x	x	x	x
Band Attached								
Washed Up								
Rockweed								
Band Attached								
Washed Up								
Kelps						x		
Band Attached								
Washed Up								
Eelgrass								
Band Attached								
Washed Up								
Beach Substrate								
Type	pebble			rocky			all	rocky, pebt

Date	25-Apr-87	30-Apr-88	30-Apr-88	29-Apr-90	9-May-92	10-May-92	22-Sep-96	26-Sep-96
Harvesting (specify)	Actual observation							
Other (specify)	Signs of Actual observation							
	ritual							

Vehicle Use

Cars/Trucks								
			Sets of tracks					
		11	1				1	
			Actual observation				1	3
ATVs/Motorcycles								
			Sets of tracks					
			Actual observation					20
Bicycles								
			Sets of tracks					
			Actual observation					
Aircraft								
			Sets of tracks					
			Actual observation					
Other (specify)								

Structures on the Beach

Buildings								2
Docks								
Driftwood Structures								
Riprapped Areas								
Erosion Control Structures								
Abandoned Vehicles		1			1			3
Abandoned Boats								
			Boat Parts					

Archaeological Sites

Shell Middens								1
Other (specify)								1 (not described)

Date 25-Apr-87 30-Apr-88 30-Apr-88 29-Apr-90 9-May-92 10-May-92 22-Sep-96 26-Sep-96

Outfalls or Pipes

Number
Comments

Toxic Pollution

Fuel (oil, gas, etc.)						1	2
Lubricating Oil			1			1	2
Paint							
Batteries							

Trash & Debris

(from International Coastal Cleanup Data Card)

Shoreline and Recreational Activities

Bags/Food Wrappers							
Balloons							
Beverage Bottles, plastic, 2-liter or less							
Beverage Bottles, glass			1				
Beverage Cans							8
Caps, Lids							
Clothing, Cloth							
Cups, Plates, Forks, Knives, Spoons							
Diapers							
Fast-food Containers							
6-pack Holders							
Pull Tabs							
Shotgun Shells/Wadding							
Straws, Stirrers							
Toys							

Ocean/Waterway Activities

Bait Containers/Packaging	3						
Bleach/Cleaner Bottles							
Buoys/Floats	5						3
Crab/Lobster/Fish Traps							
Crates							

Date	25-Apr-87	30-Apr-88	30-Apr-88	29-Apr-90	9-May-92	10-May-92	22-Sep-96	26-Sep-96
Fishing Line								
Fishing Lures								
Fishing Nets								
Light Bulbs/Tubes								
Oil/Lube Bottles								1
Pallets								10
Plastic Sheeting/Tarps								
Rope	4							
Strapping Bands								

Smoking-Related Activities

Cigarettes/Cigarette Filters
 Cigarette Lighters
 Cigar Tips
 Tobacco Packaging/Wrappers

Dumping Activities

Appliances (refrigerators, washers, etc.)								
Batteries								
Cars/Car Parts	1		2		1			5
Construction Materials			5					
55-gallon Drums			1					
Tires								

Medical/Personal Hygiene

Syringes
 Condoms
 Tampons/Tampon Applicators

Debris Items of Local Concern

bucket, shovel, stove pipe

1 dock part Some meta

Entangled Animals

Type of Animal
 Form of Entangling Debris

Date

25-Apr-87 30-Apr-88 30-Apr-88 29-Apr-90 9-May-92 10-May-92 22-Sep-96 26-Sep-96

Comments

Most Peculiar Item Collected?

Comments

Metal, vehicle/boat part Junked van at Bluff Cr

Aluminum, Glass bottle

Additional Observations and Comments

Did not have time for trash pickup. Clean, beautiful beach

Date	29-Sep-96	30-Sep-98	20-Sep-99	25-Sep-99	27-Sep-00	17-Sep-01	25.09.02	09.17.05
Steller's Sea Lions						2	0	0
Harbor Porpoises							0	0
Whales							0	0
Beluga							0	0
Orca							0	0
Minke							0	0
Humpback							0	0
Gray							0	0
Unknown			1				0	0
Other/Unidentified							0	0

Please note any unusual wildlife sightings as exceedingly rough, so we didn't see marine mammals. 1 woolly mammoth hairball

Invertebrates

(from the Intertidal Biodiversity Checklist)

didn't do bc of time constraints and felt like much more qualified

Please note any interesting observations or changes in abundance here

Less and less sea life, more rock-covered sea Large bed of thousands of protrud

Sponges

Breadcrumb Sponge

x

x

Purple Sponge

Cnidarians

Anemones

x

x

x

Burrowing Green Anemone

x

x

Orange Colonial Anemone

x

Frilled (Plumose) Anemone

Christmas Anemone

x

x

Sea Jellies

Moon Jelly

x

Many-ribbed Hydromedusa

Compass Jelly

Lion's Mane Jelly

Worms

Giant Flatworm

x

Date	29-Sep-96	30-Sep-98	20-Sep-99	25-Sep-99	27-Sep-00	17-Sep-01	25.09.02	09.17.05
Frilled Dogwinkle	x							
File Dogwinkle								
Big-mouth Whelk								
Nudibranchs								x
Maned Nudibranch								
False Sea Lemon (False Lemon Peel)								
Orange-tipped Nudibranch								
Opalescent Nudibranch								
Bushy-backed Nudibranch								
Clams	x	x						
Nuttal's Cockle						x		
Northwest Ugly Clam								
Arctic Rock Borer						x		x
Baltic Macoma								
Stained Macoma								
Pacific Surf Clam								
Truncated Mya								
Steamer Clam (Pacific Littleneck Clam)						x		x
Butter Clam						x		
Razor Clam						x		
Mussels	x	x			x			x
Horse Mussel								
Pacific Blue Mussel						x		
Scallops								
Pink Scallop								
Jingles								
Rock Jingle								
Cephalopods								
Giant Pacific Octopus		x						x
Stubby Squid								
Arthropods								
Barnacles	x	x			x			
Acorn Barnacle						x		
Pelagic Gooseneck Barnacle						x		x
Thatched Acorn Barnacle								
Crabs		x			x			

Date	29-Sep-96	30-Sep-98	20-Sep-99	25-Sep-99	27-Sep-00	17-Sep-01	25.09.02	09.17.05
Dungeness Crab						x		
Black-clawed Cancer Crab								
Red Hermit Crab						x		
Striped Hermit Crab	x							
Decorator Crab						x		x
Carapace Crab								x
Red King Crab								
Northern Kelp Crab						x		
Helmet Crab						x		
Shrimp								x
Broken-back Shrimp								
Coonstripe Shrimp								
Sand Shrimp						x		
Isopods					x			x
Pillbug Isopod								
Rockweek Isopod								
Amphipods								
Skeleton Shrimp								
Small Beach Hopper								
Echinoderms								
Sea Stars		x						
Little Six-rayed Star					x	x		x
Red-banded Star (Rainbow Star)								
Ochre Star								
Sunflower Star								
Morning Sun Star								
Stimpson's Sun Star								
Rose Star								x
Leather Star								
True Star (False Ochre Star, Mottled Star)	x					x		x
Blood Star					x			
Brittle Stars								
Serpent Star								
Daisy Brittle Star						x		
Sea Urchins		x						
Green Sea Urchin						x		

Date	29-Sep-96	30-Sep-98	20-Sep-99	25-Sep-99	27-Sep-00	17-Sep-01	25.09.02	09.17.05	
Red Sea Urchin									
Sea Cucumbers								x	
Silky Burrowing Cucumber									
Orange Cucumber (Red Cucumber)						x			
Tar-spot Cucumber (Black Cucumber)									
Sand Dollars									
Green-spined Sand Dollar (Northern Sand Dollar)									
Chordates									
Tunicates									
Colonial Tunicate (Sea Pork)	x					x			
Sea Peach	x					x			
Seaweeds									
Green Seaweed	x								
	Band								
	Attached					x			
	Washed Up		x				x		
Red Seaweed	x								
	Band								
	Attached							x	
	Washed Up		x			x	x		
Rockweed									
	Band								
	Attached					x		x	
	Washed Up					x	x	x	
Kelps									
	Band								
	Attached					x			
	Washed Up					x	x		
Eelgrass									
	Band								
	Attached								
	Washed Up								
Beach Substrate									
Type	rocky	rocky, pebb	rocky, sand	pebbles, s	rocky, sand		rocky, sand	rocky, sand	

Date 29-Sep-96 30-Sep-98 20-Sep-99 25-Sep-99 27-Sep-00 17-Sep-01 25.09.02 09.17.05

Bluff and Cliff Erosion

Comments slight severe moderate to severe moderate moderate to and slippir yes

Human Activities

Activity	29-Sep-96	30-Sep-98	20-Sep-99	25-Sep-99	27-Sep-00	17-Sep-01	25.09.02	09.17.05
Walking	Signs of	1		1	1	4		
	Actual observation	1	6			6	6	2
Camping	Signs of		1					1
	Actual observation							
Partying	Signs of			2	3	1		
	Actual observation						yes	
Fire Pits	Signs of					1	3	
	Actual observation		1	2				
Trash Accumulations	Signs of							
	Actual observation							
Clamming	Signs of							
	Actual observation					1		
Fishing	Signs of							
	Actual observation							
Coaling	Signs of		1					
	Actual observation				1	2	1	1
Picnicking	Signs of	1			5			
	Actual observation							
Horseback Riding	Signs of		1					

Date	29-Sep-96	30-Sep-98	20-Sep-99	25-Sep-99	27-Sep-00	17-Sep-01	25.09.02	09.17.05
Harvesting (specify)	Actual observation							
Other (specify)	Signs of Actual observation 1 (driftwood)							

Vehicle Use

Cars/Trucks	Sets of tracks		1	1		1		
	Actual observation	1					2	1
ATVs/Motorcycles	Sets of tracks		1					
	Actual observation							2
Bicycles	Sets of tracks							
	Actual observation							
Aircraft	Sets of tracks							
	Actual observation							2
Other (specify)	Sets of tracks							
	Actual observation							

Structures on the Beach

Buildings								
Docks								
Driftwood Structures		1						1
Riprapped Areas								
Erosion Control Structures								1
Abandoned Vehicles								7
Abandoned Boats								
	Boat Parts							

Archaeological Sites

Shell Middens
Other (specify)

Date 29-Sep-96 30-Sep-98 20-Sep-99 25-Sep-99 27-Sep-00 17-Sep-01 25.09.02 09.17.05

Outfalls or Pipes

Number 1 1
 Comments some foam on creek runouts

Toxic Pollution

Fuel (oil, gas, etc.) 1 (1 gal antifreeze)
 Lubricating Oil
 Paint
 Batteries

Trash & Debris

(from International Coastal Cleanup Data Card)

Shoreline and Recreational Activities

Bags/Food Wrappers	8		3	3
Balloons				
Beverage Bottles, plastic, 2-liter or less			15	9
Beverage Bottles, glass	4		6	8
Beverage Cans	12		11	20
Caps, Lids			13	2
Clothing, Cloth			4	12
Cups, Plates, Forks, Knives, Spoons			11	4
Diapers				
Fast-food Containers				5
6-pack Holders				
Pull Tabs				
Shotgun Shells/Wadding				2
Straws, Stirrers			2	2
Toys				

Ocean/Waterway Activities

Bait Containers/Packaging	1		6	
Bleach/Cleaner Bottles			2	2
Buoys/Floats	1		3	1
Crab/Lobster/Fish Traps				
Crates			2	

Date	29-Sep-96	30-Sep-98	20-Sep-99	25-Sep-99	27-Sep-00	17-Sep-01	25.09.02	09.17.05
Fishing Line						1		
Fishing Lures						1		
Fishing Nets								
Light Bulbs/Tubes						1		
Oil/Lube Bottles						3		
Pallets								
Plastic Sheeting/Tarps		3				3		
Rope						2	8	
Strapping Bands						1	3	

Smoking-Related Activities

Cigarettes/Cigarette Filters						3	18	
Cigarette Lighters							1	
Cigar Tips								
Tobacco Packaging/Wrappers							1	

Dumping Activities

Appliances (refrigerators, washers, etc.)						1	1 tv	
Batteries								
Cars/Car Parts	1						1 muffler	
Construction Materials						5	1 paint can	
55-gallon Drums								
Tires							1	

Medical/Personal Hygiene

Syringes								
Condoms								
Tampons/Tampon Applicators								

Debris Items of Local Concern

il pipe and anchor chain.

3 aerosol cans by campfires

Entangled Animals

Type of Animal	
Form of Entangling Debris	

Date 29-Sep-96 30-Sep-98 20-Sep-99 25-Sep-99 27-Sep-00 17-Sep-01 25.09.02 09.17.05
Comments

Most Peculiar Item Collected?

woolly mannd pile of baby clothes

Comments

Aluminum, Less garba Some burie Pop cans r: Aluminum, glass, plastics common. Also styri

Additional Observations and Comments

Overall very clean of garbage. Tru Beach look Was fairly clean, except for high tide line.
similar to last year concentration of ciuoy(2) me

Zone 3

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

General Info

Date

Start Time

End Time

Lowest Tide

at time

Temperature (F)

Sky

y

Vertical Zones Walked:

High
Middle
Low

of Observers

Hours Spent

Person-Hours

0

0

0

0

0

0

0

0

0

Shoreline Walked (miles)

Total Trip Mileage

Did Observers . . .

Hike?
Kayak?

Date

Other (specify)?

Trash Bags Collected

Estimated Weight of Collected Trash

Wildlife

Birds

Loons

Sea Ducks

Other Ducks and Geese

Bald Eagles

Adults

Immatures

Nests

Shorebirds

Seabirds

Crows and Ravens

Others (see separate Bird list)

Domestic Mammals

Cattle

Horses

Dogs

Other

Land Mammals

Moose

Adults

Calves

Black Bears

Brown Bears

Land/River Otters

Red Squirrels

Tracks Identified

Other

Marine Mammals

Sea Otters

Harbor Seals

Date

Steller's Sea Lions

Harbor Porpoises

Whales

Beluga

Orca

Minke

Humpback

Gray

Unknown

Other/Unidentified

Please note any unusual wildlife sightings

Invertebrates

(from the Intertidal Biodiversity Checklist)

ppl were monitoring this area

Please note any interesting observations or changes in abundance here ling siphons--carpet worms! Massive school of thousands of transparent tiny fish or shrimp--fascinating

Sponges

Breadcrumb Sponge

Purple Sponge

Cnidarians

Anemones

Burrowing Green Anemone

Orange Colonial Anemone

Frilled (Plumose) Anemone

Christmas Anemone

Sea Jellies

Moon Jelly

Many-ribbed Hydromedusa

Compass Jelly

Lion's Mane Jelly

Worms

Giant Flatworm

Date***Nemerteans***

Amphiporus (Two-spotted) Ribbon Worm

Red Ribbon Worm

Echiurans

Fat Innkeeper (Alaskan Spoonworm)

Sipunculids

Peanut Worm

Annelids

Mussel Worm (Clam Worm)

Northern Feather Duster Worm (Carpet Worm)

Cone Worm

Calcareous Tube Worm

Spiral Tube Worm

Scaleworm

Brachiopods

Transverse Lampshell

Mollusks***Chitons***

Gumboot Chiton

Black Katy Chiton

Brick Chiton

Mossy Chiton

Tiger Chiton

Lined Chiton

Limpets

Dunce Cap Limpet

Plate Limpet

Snails

Hairy Triton

Sitka Periwinkle

Helicina Margarite

Puppet Margarite

Aleutian Moonshell

Ridged Neptune

Channeled Dogwinkle

Emarginate Dogwinkle

Date

Frilled Dogwinkle

File Dogwinkle

Big-mouth Whelk

Nudibranchs

Maned Nudibranch

False Sea Lemon (False Lemon Peel)

Orange-tipped Nudibranch

Opalescent Nudibranch

Bushy-backed Nudibranch

Clams

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

Mussels

Horse Mussel

Pacific Blue Mussel

Scallops

Pink Scallop

Jingles

Rock Jingle

Cephalopods

Giant Pacific Octopus

Stubby Squid

Arthropods***Barnacles***

Acorn Barnacle

Pelagic Gooseneck Barnacle

Thatched Acorn Barnacle

Crabs

Date

Dungeness Crab
Black-clawed Cancer Crab
Red Hermit Crab
Striped Hermit Crab
Decorator Crab
Carapace Crab
Red King Crab
Northern Kelp Crab
Helmet Crab

Shrimp

Broken-back Shrimp
Coonstripe Shrimp
Sand Shrimp

Isopods

Pillbug Isopod
Rockweek Isopod

Amphipods

Skeleton Shrimp
Small Beach Hopper

Echinoderms**Sea Stars**

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

Brittle Stars

Serpent Star
Daisy Brittle Star

Sea Urchins

Green Sea Urchin

Date

Red Sea Urchin

Sea Cucumbers

Silky Burrowing Cucumber

Orange Cucumber (Red Cucumber)

Tar-spot Cucumber (Black Cucumber)

Sand Dollars

Green-spined Sand Dollar (Northern Sand Dollar)

Chordates

Tunicates

Colonial Tunicate (Sea Pork)

Sea Peach

Seaweeds

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

Beach Substrate

Type

y

Date

Bluff and Cliff Erosion

Comments

Human Activities

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

Date

Outfalls or Pipes

Number
Comments

Toxic Pollution

Fuel (oil, gas, etc.)
Lubricating Oil
Paint
Batteries

Trash & Debris

(from International Coastal Cleanup Data Card)

Shoreline and Recreational Activities

Bags/Food Wrappers	14
Balloons	0
Beverage Bottles, plastic, 2-liter or less	24
Beverage Bottles, glass	29
Beverage Cans	51
Caps, Lids	15
Clothing, Cloth	16
Cups, Plates, Forks, Knives, Spoons	15
Diapers	0
Fast-food Containers	5
6-pack Holders	0
Pull Tabs	0
Shotgun Shells/Wadding	2
Straws, Stirrers	4
Toys	0

Ocean/Waterway Activities

Bait Containers/Packaging	10
Bleach/Cleaner Bottles	4
Buoys/Floats	13
Crab/Lobster/Fish Traps	0
Crates	2

Date	
Fishing Line	1
Fishing Lures	1
Fishing Nets	0
Light Bulbs/Tubes	1
Oil/Lube Bottles	4
Pallets	10
Plastic Sheeting/Tarps	6
Rope	14
Strapping Bands	4

Smoking-Related Activities

Cigarettes/Cigarette Filters	21
Cigarette Lighters	1
Cigar Tips	0
Tobacco Packaging/Wrappers	1

Dumping Activities

Appliances (refrigerators, washers, etc.)	1
Batteries	0
Cars/Car Parts	10
Construction Materials	10
55-gallon Drums	1
Tires	1

Medical/Personal Hygiene

Syringes	0
Condoms	0
Tampons/Tampon Applicators	0

Debris Items of Local Concern

Entangled Animals

Type of Animal
Form of Entangling Debris

Date

Comments

Most Peculiar Item Collected?

Comments

foam and metal present.

Additional Observations and Comments

metal, glass, plastics and styrofoam noted as present.

Zone 3

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

General Info

Date

Start Time

End Time

Lowest Tide

at time

Temperature (F)

Sky

Vertical Zones Walked:

High
Middle
Low

of Observers

Hours Spent

Person-Hours

0

Shoreline Walked (miles)

Total Trip Mileage

Did Observers . . .

Hike?
Kayak?

Date

Other (specify)?

Trash Bags Collected

Estimated Weight of Collected Trash

Wildlife

Birds

Loons

Sea Ducks

Other Ducks and Geese

Bald Eagles

Adults

Immatures

Nests

Shorebirds

Seabirds

Crows and Ravens

Others (see separate Bird list)

Domestic Mammals

Cattle

Horses

Dogs

Other

Land Mammals

Moose

Adults

Calves

Black Bears

Brown Bears

Land/River Otters

Red Squirrels

Tracks Identified

Other

Marine Mammals

Sea Otters

Harbor Seals

Date

Steller's Sea Lions

Harbor Porpoises

Whales

Beluga

Orca

Minke

Humpback

Gray

Unknown

Other/Unidentified

Please note any unusual wildlife sightings

Invertebrates

(from the Intertidal Biodiversity Checklist)

Please note any interesting observations or changes in abundance here

Sponges

Breadcrumb Sponge

Purple Sponge

Cnidarians

Anemones

Burrowing Green Anemone

Orange Colonial Anemone

Frilled (Plumose) Anemone

Christmas Anemone

Sea Jellies

Moon Jelly

Many-ribbed Hydromedusa

Compass Jelly

Lion's Mane Jelly

Worms

Giant Flatworm

Date

Nemerteans

Amphiporus (Two-spotted) Ribbon Worm

Red Ribbon Worm

Echiurans

Fat Innkeeper (Alaskan Spoonworm)

Sipunculids

Peanut Worm

Annelids

Mussel Worm (Clam Worm)

Northern Feather Duster Worm (Carpet Worm)

Cone Worm

Calcareous Tube Worm

Spiral Tube Worm

Scaleworm

Brachiopods

Transverse Lampshell

Mollusks

Chitons

Gumboot Chiton

Black Katy Chiton

Brick Chiton

Mossy Chiton

Tiger Chiton

Lined Chiton

Limpets

Dunce Cap Limpet

Plate Limpet

Snails

Hairy Triton

Sitka Periwinkle

Helicina Margarite

Puppet Margarite

Aleutian Moonshell

Ridged Neptune

Channeled Dogwinkle

Emarginate Dogwinkle

Date

Frilled Dogwinkle

File Dogwinkle

Big-mouth Whelk

Nudibranchs

Maned Nudibranch

False Sea Lemon (False Lemon Peel)

Orange-tipped Nudibranch

Opalescent Nudibranch

Bushy-backed Nudibranch

Clams

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

Mussels

Horse Mussel

Pacific Blue Mussel

Scallops

Pink Scallop

Jingles

Rock Jingle

Cephalopods

Giant Pacific Octopus

Stubby Squid

Arthropods***Barnacles***

Acorn Barnacle

Pelagic Gooseneck Barnacle

Thatched Acorn Barnacle

Crabs

Date

Dungeness Crab
Black-clawed Cancer Crab
Red Hermit Crab
Striped Hermit Crab
Decorator Crab
Carapace Crab
Red King Crab
Northern Kelp Crab
Helmet Crab

Shrimp

Broken-back Shrimp
Coonstripe Shrimp
Sand Shrimp

Isopods

Pillbug Isopod
Rockweek Isopod

Amphipods

Skeleton Shrimp
Small Beach Hopper

Echinoderms**Sea Stars**

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

Brittle Stars

Serpent Star
Daisy Brittle Star

Sea Urchins

Green Sea Urchin

Date

Red Sea Urchin

Sea Cucumbers

Silky Burrowing Cucumber

Orange Cucumber (Red Cucumber)

Tar-spot Cucumber (Black Cucumber)

Sand Dollars

Green-spined Sand Dollar (Northern Sand Dollar)

Chordates

Tunicates

Colonial Tunicate (Sea Pork)

Sea Peach

Seaweeds

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

Beach Substrate

Type

Date

Bluff and Cliff Erosion

Comments

Human Activities

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

Date

Outfalls or Pipes

Number
Comments

Toxic Pollution

Fuel (oil, gas, etc.)
Lubricating Oil
Paint
Batteries

Trash & Debris

(from International Coastal Cleanup Data Card)

Shoreline and Recreational Activities

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

Ocean/Waterway Activities

Bait Containers/Packaging
Bleach/Cleaner Bottles
Buoys/Floats
Crab/Lobster/Fish Traps
Crates

Date

Fishing Line
Fishing Lures
Fishing Nets
Light Bulbs/Tubes
Oil/Lube Bottles
Pallets
Plastic Sheeting/Tarps
Rope
Strapping Bands

Smoking-Related Activities

Cigarettes/Cigarette Filters
Cigarette Lighters
Cigar Tips
Tobacco Packaging/Wrappers

Dumping Activities

Appliances (refrigerators, washers, etc.)
Batteries
Cars/Car Parts
Construction Materials
55-gallon Drums
Tires

Medical/Personal Hygiene

Syringes
Condoms
Tampons/Tampon Applicators

Debris Items of Local Concern***Entangled Animals***

Type of Animal
Form of Entangling Debris

Date

Comments

Most Peculiar Item Collected?

Comments

Additional Observations and Comments