

Grey Whale

Sightings Report and Identification Catalogue

Clayoquot Sound



Summer 2019

This is a compilation of identification photographs taken by individuals who work with whales in Clayoquot Sound, BC.

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Cover photograph by Claudia Tersigni, 2019

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Photo by Satchel Robertson, 2019

Grey whales of Clayoquot Sound

This is the first edition of a summer sightings report of individual Grey whales in Clayoquot Sound. These sightings contribute to the documentation work of the Pacific Wildlife Foundation (PWF), who are currently compiling all sightings and identification information collected since the 1970s into a comprehensive database. Therefore, this sightings report should be viewed as a sliver of insight into a greater effort. Grey whales are distributed throughout the Pacific Northwest in the feeding season and so this should only be used as a local catalogue.

Photo identification efforts of cetaceans in Clayoquot Sound started in the 1970s. Dr. Darling has been monitoring the Grey whale population in Clayoquot Sound for the last 40 years. Documenting the sightings of individual whales is a powerful tool in understanding how the behaviour, range, and migratory patterns of our local whales fits into the global picture, and vice versa. The following catalogue only considers resident and 'one-time' resident Grey whales in the summer of 2019. We have followed the definition of resident Grey whales set out by the PWF, that is to say whales that were sighted in Clayoquot Sound between July 1st and November 30th, or seen in the

area for four consecutive months. We hope this catalogue may be a tool for education, scientific inquiry, as well as a channel for visitors and residents alike to connect with the natural world we are all a part of.

The Grey whale (*Eschrichtius robustus*) is a medium to large (11m-14m long) mysticete (baleen) whale; the only living representative of the family Eschrichtiidae. Grey whales are easily identified by the 7 to 15 knuckles along their dorsal ridge in place of a dorsal fin. Ranging from dark to light grey in skin colour, Grey whales have various degrees of permanent or semi-permanent mottling, barnacles, and whale lice covering their body which can be used to differentiate them. Grey whales reach sexual maturity at eight years but will continue to grow until they are about 40 years old. A female grey whale will have a calf approximately every two years and 60% of the Eastern Population are assumed to be mature individuals.

There are four distinct populations of Grey whales worldwide; European whalers commercially hunted all of them between the 18th and 20th centuries. While the North Atlantic population became extinct due to over-whaling in the 1700s, the three North Pacific populations have endured at varying capacities. They are the Western (Korean) population (~100 individuals), the

Eastern (California) population (~20,000 individuals), and the Pacific Coast Feeding Aggregation (PCFA) (~240 individuals). All three Pacific populations have at different points in time dropped to counts which threatened population extinction. And yet the Eastern population is 100 times the size of the other two.

Pacific Grey whales migrate between their winter calving grounds in Baja, Mexico and their summer feeding grounds in the Bering, Chukchi, and Alaskan Beaufort Seas. The Eastern Pacific population is currently comprised of roughly 20,000 individuals. However, there is a genetically distinct population that spends the summer feeding in the waters between North California and Southeast Alaska, including Clayoquot Sound. Compared to the Eastern Pacific herd containing around twenty thousand whales, this population only comprises ~240 individuals. Unlike the greater Eastern population of Grey whales who are considered 'not at risk' by COSEWIC, this population faces greater risk of being adversely affected by human activities such as pollution, entanglements, or collisions and were, therefore, categorized as 'endangered' by COSEWIC in 2018.

As major benthic feeders in shallow waters along the Eastern Pacific coast, Grey whales exert considerable influence on the structure and diversity of the ecosystems

they are a part of. Bottom feeding Grey whales stir up nutrients in the ocean floor when they plow through soft sediment searching for food. Additionally, Grey whales contribute to nutrient distribution and cycling by lifting nutrients through the water column as they surface for air. Grey whales exert a strong top-down pressure on their prey populations, primarily mysid shrimp (family *Mysidacea*) and porcelain crab larvae (family *Porcellanidae*). Grey whales can only filter large invertebrates from the sediment and smaller invertebrates are expelled near the surface where they serve as food for marine birds and fishes. Grey whale calves can also serve as a food source for transient Killer whales (*Orcinus orca*) along the Grey whale migratory corridor and on the feeding grounds.

In addition to their ecological significance, Grey whales have historically held an important place in the subsistence of Indigenous Peoples of Canada, including the Nuu-Chah-Nulth. Aboriginal communities living along the western coast of Canada have practiced whaling for over 1500 years. While most native coastal communities historically supported themselves through local salmon runs, the Nuu-Chah-Nulth of Vancouver Island found success in whaling practices. The ability to find, kill, and process such a large prey suggest that this is a deep-seated and ancient practice. Grey whale was a

preferred species of the Nuu-Chah Nulth. The culture of these nations is saturated with the practice of whaling. Evidence of the cultural importance of whaling for the Nuu-chah-nulth is evident today in their art, stories, songs, ceremonies, the names of people and places. Whaling is one of the key adaptations that lead to establishment and support of permanent pre-settlement villages on the outer coast. The whaling methods of these nations and their sustainable management of the natural resource (Grey whales) was able to support thousands of people for hundreds of years.

In the next pages of this catalogue we have provided an overview of the season with a small amount of analysis. Although these synopses can be beneficial as a grounds for asking further questions about our resident Grey whale population, any assignment of significance must be done with some caution. This is due to a limitation of this report; the absence of accurate measurement of time spent searching for whales from one year to another. The years of 2017 and 2018 saw consistent effort from the PWF, with the introduction of data from individuals in the community (namely Mark Sawyer and Ashley Hoyland). 2019 saw mounting

contributions to the sightings report with effort to the PWF, Cedar Coast Field Station, and individuals in the community.

Claudia Tersigni

Grey whale (*Eschrichtius robustus*)

Identification and Sightings Report

Clayoquot Sound: Summer 2019



47

Residents

298

Total Sightings

95

Total Whales

48

Migrators

7

Total Observers

39

Total Locations

2

Calves

35

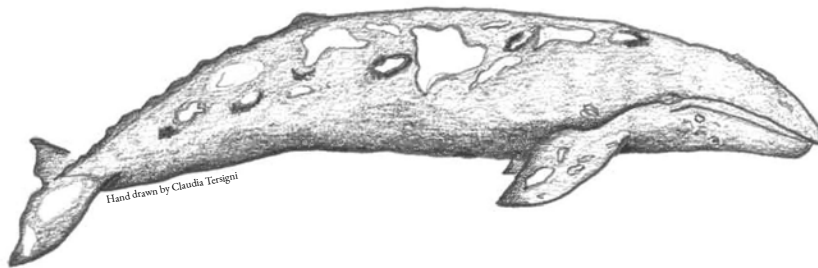
CSG589 Sightings

35

CSG27 Sightings

17

CSG32 Sightings



Map of Clayoquot Sound



We would like to acknowledge that Clayoquot Sound encompasses the unceded traditional territory of the Hesquiaht, Ahousaht, and Tla-o-qui-aht First Nations on whose land and water we have had the privilege to carry out this project.

Resident Grey whales of 2019

ID: CSG2

Nickname: Calf of Collage

Status: Resident

Sex: Female

Birth Year: 2002

Notes:

Date	Location	Notes	Photographer
July 24, 2019	Rafael Point		M. Sawyer
July 25, 2019	Rafael Point	Bottom feeding with CSG157, CSG665	C.Tersigni, S.Robertson
July 27, 2019	Rafael Point		M. Sawyer
July 31, 2019	Cow Bay		M. Sawyer
July 31, 2019	Rafael Point		M. Sawyer
August 6, 2019	Rafael Point	With CSG157, GW104	C.Tersigni, S. Robertson
August 8, 2019	Rafael Point		J.Darling
August 11, 2019	Rafael Point		A.Hoyland
August 14, 2018	Rafael Point	Bottom feeding with CSG157, CSG27	C.Tersigni, S. Robertson

ID: CSG2

Left ID



Right ID



Fluke ID

ID: CSG23

Nickname: Pattern

Status: Resident

Sex: Male

Birth Year:

Notes:

Date	Location	Notes	Photographer
April 20, 2019	Long Beach Pinnacles		M. Sawyer
April 21, 2019	Long Beach Pinnacles		M. Sawyer
June 30, 2019	Portland Point		J. Darling
July 3, 2019	Long Beach Pinnacles		M. Sawyer
July 4, 2019	2km offshore from Long Beach Rocks		A.Hoyland
July 8, 2019	Cow Bay		A.Hoyland

ID: CSG23

Left ID



J.Darling

Right ID



M. Sawyer

Fluke ID



A.Hoyland

ID: CSG26

Nickname: Top Spot

Status: Resident

Sex: Female

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 30, 2019	Rafael Point		M. Sawyer
July 31, 2019	Rafael Point	With CSG665	C.Tersigni, S. Robertson
August 1, 2019	Rafael Point		M. Sawyer

Left ID



M. Sawyer

Right ID



M. Sawyer

Fluke ID

ID: CSG27

Nickname: Big white (big mamma) **Status:** Resident **Sex:** Female

Birth Year: have pics from 1974

Notes: white patch on left side. white scar (horizontal stripe) at top of dorsal on right side.

Date	Location	Notes	Photographer
March 18, 2019	Chetarpe		M. Sawyer
April 8, 2019	NE Blunden		M. Sawyer
April 14, 2019	Whitesands Cove		M. Sawyer
April 15, 2019	Whitesands Cove		M. Sawyer
April 17, 2019	Leeke Island		M. Sawyer
April 19, 2019	Leeke Island		M. Sawyer
April 19, 2019	NE Blunden		M. Sawyer
April 19, 2019	Whitesands Cove		M. Sawyer
April 25, 2019	Entrance		M. Sawyer
June 9, 2019	NE Blunden		M. Sawyer
June 14, 2019	Entrance		J. Darling
June 24, 2019	The Entrance	Deep dives- bottom feeding	J. Darling
June 24, 2019	Outside Glory Hole		M. Sawyer
June 26, 2019	NE Blunden		M. Sawyer
July 7, 2019	Inside Gowland		M. Sawyer
July 15, 2019	Entrance		M. Sawyer
July 16, 2019	Dagger Bay		M. Sawyer
July 20, 2019	NE Blunden		M. Sawyer
July 20, 2019	Outside Tree Island		M. Sawyer
July 20, 2019	Brabant Channel		J. Darling
July 23, 2019	Grassy Knoll		M. Sawyer
July 23, 2019	Rafael Point		M. Sawyer
July 24, 2019	Rafael Point		M. Sawyer
July 25, 2019	Rafael Point		M. Sawyer
July 27, 2019	Rafael Point		M. Sawyer
July 28, 2019	Rafael Point		M. Sawyer
August 4, 2019	Rafael Point		J. Darling

Date	Location	Notes	Photographer
August 5, 2019	Cow Bay		M. Sawyer
August 6, 2019	Rafael Point		M. Sawyer
August 8, 2019	Rafael Point		J.Darling
August 14, 2019	Rafael Point	With CSG157, CSG2	C.Tersigni, S. Robertson
August 17, 2019	Grassy Knoll		A. Hoyland
August 18, 2019	Grassy Knoll		J.Darling
August 19, 2019	Grassy Knoll		J. Darling
August 23, 2019	Grassy Knoll		A. Hoyland
September 3, 2019	Off Raphael		J. Darling
September 4, 2019	Grassy Knoll		A.Hoyland
September 7, 2019	Barchester		J.Darling

ID: CSG27

Left ID



Right ID



Fluke ID

ID: CSG28

Nickname: Blackjack

Status: Resident **Sex:** Female

Birth Year:

Notes:

Date	Location	Notes	Photographer
September 6, 2019	Grassy Knoll	Travelling	M. Sawyer

Left ID



Right ID

Fluke ID



ID: CSG32

Nickname: Elusive Little Guy (ELG) **Status:** Resident **Sex:** **Birth Year:**

Notes: Black circle on left side, large white circle on right side.

Date	Location	Notes	Photographer
June 5, 2019	Ahous Bay		M. Sawyer
June 12, 2019	Ahous Bay	Laying around	J. Darling
June 15, 2019	Ahous Bay		M. Sawyer
June 16, 2019	Ahous Bay		J. Darling
June 17, 2019	Ahous Bay		M. Sawyer
June 21, 2019	Ahous Bay	With CSG1007, CSG589, CSG199, CSG199a, CSG32	M. Bartlett, J. Simmerling
June 22, 2019	Ahous Bay		M. Sawyer
June 24, 2019	Ahous Bay	milling around, maybe feeding. not showing fluke or much of back.	J. Darling
June 25, 2019	Brabant Channel	Traveling	C. Tersigni, S. Robertson
June 25, 2019	Ahous Bay		M. Sawyer
July 1, 2019	Ahous Bay		M. Sawyer
July 3, 2019	Frank Island		M. Sawyer
July 4, 2019	Outside Tre Island		M. Sawyer
August 28, 2019	Ahous Bay		M. Bartlett, J. Darling
August 31, 2019	Ahous Bay		M. Sawyer
September 1, 2019	SE Blunden	Travelling	C. Tersigni, S. Robertson
September 3, 2019	Ahous Bay		J. Darling
September 4, 2019	SE Blunden	Travelling	C. Tersigni, S. Robertson

Left ID



J. Darling

Right ID



S. Robertson

Fluke ID

ID: CSG38

Nickname: Baby Saddle

Status: Resident

Sex: Female

Birth Year:

Notes:

Date	Location	Behaviour	Photographer
June 2, 2019	Cow Bay		M. Sawyer
June 3, 2019	Ahous Bay		M. Sawyer
June 4, 2019	Ahous Bay		M. Sawyer
June 5, 2019	Ahous Bay		M. Sawyer
June 16, 2019	Cow Bay	Bottom feeding	J. Darling
June 22, 2019	Cow Bay		M. Sawyer
June 24, 2019	Cow Bay	Bottom Feeding with Mid Bay	J. Darling

ID: CSG38

Left ID



J.Darling

Right ID



J.Darling

Fluke ID



J.Darling

ID: GW68

Nickname: Metallica

Status:

Sex:

Birth Year:

Notes:

Date	Location	Behaviour	Photographer
June 12, 2019	Ahous Bay	With CSG1007, CSG589, CSG199, CSG199a, CSG32	J. Darling
June 14, 2019	SE Blunden	Bottom feeding	J. Darling
June 22, 2019	Lawrence		M. Sawyer
June 28, 2019	Lawrence		M. Sawyer
June 5, 2019	Outside Tree Island		M. Sawyer
June 11, 2019	Outside Tree Island		M. Sawyer
June 22, 2019	Outside Tree Island		M. Sawyer
June 28, 2019	Outside Tree Island		M. Sawyer

ID: GW68

Left ID



Right ID



Fluke ID

ID: GW74

Nickname: Ladybug

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
June 26, 2019	Wilf Rock		M. Sawyer
June 28, 2019	Wilf Rock		M. Sawyer
July 3, 2019	Wilf Rock		M. Sawyer
July 8, 2019	Lennard Lighthouse		M. Sawyer
July 9, 2019	Lennard Lighthouse		M. Sawyer
July 14, 2019	Surprise Rock		M. Sawyer

ID: GW74

Left ID



Right ID



Fluke ID



ID: GW82

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 4, 2019	Outside Tree Island		A. Hoyland

ID: GW82

Left ID



Right ID

Fluke ID

ID: GW84

Nickname: Claws

Status: Resident **Sex:**

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 6, 2019	Outside Tree Island		M. Sawyer
July 9, 2019	Outside Tree Island		M. Sawyer
July 4, 2019	Outside Tree Island		M. Sawyer

ID: GW84

Left ID



Right ID



Fluke ID

ID: GW85

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 6, 2019	Outside Tree Island		M. Sawyer
July 9, 2019	Outside Tree Island		M. Sawyer

ID: GW85

Left ID

Right ID



M. Sawyer

Fluke ID

ID: GW86

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 6, 2019	Whaler Lawrence		M. Sawyer

Left ID



Right ID



Fluke ID

ID: GW87

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 6, 2019	Whaler Lawrence		M. Sawyer

Left ID

Right ID



Fluke ID

ID: GW88

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 8, 2019	Schooner Cover		M. Sawyer

Left ID

Right ID



M. Sawyer

Fluke ID

ID: GW90

Nickname:

Status:Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 16, 2019	Dagger Bay		M. Sawyer
July 23, 2019	Dagger Bay		M. Sawyer
July 27, 2019	Rafael Point		M. Sawyer
July 21, 2019	Rafael Point		M. Sawyer
August 4, 2019	Rafael Point		J. Darling

Left ID



J.Darling

Right ID



J.Darling

Fluke ID

ID: GW91

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 20, 2019	Cleland to Foam Reefs		M. Sawyer

Left ID

Right ID



Fluke ID

ID: GW92

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 19, 2019	Outside Bubba's Gap		M. Sawyer

Left ID

Right ID



Fluke ID

ID: GW93

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 15, 2019	Rafael Point		M. Sawyer

Left ID

Right ID

Dont have good picture

Fluke ID

ID: GW94

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 4, 2019	Outside La Croix		M. Sawyer

Left ID

Right ID

Fluke ID

ID: GW95

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 22, 2019	Great Bear to Heddington Reef		M. Sawyer

ID: GW95

Left ID



Right ID

Fluke ID



ID: GW96

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Behaviour	Photographer
July 23, 2019	Rafael Point		M. Sawyer
July 24, 2019	Rafael Point		M. Sawyer

Left ID

Right ID



Fluke ID

ID: GW97

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 23, 2019	Dagger Bay		M. Sawyer

Left ID

Right ID



M. Sawyer

Fluke ID

ID: GW99

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 27, 2019	Rafael Point		M. Sawyer
July 28, 2019	Rafael Point		M. Sawyer

Left ID

Right ID



M. Sawyer

Fluke ID

ID: GW100

Nickname:

Status: Resident **Sex:**

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 24, 2019	Rafael Point		M. Sawyer

ID: GW100

Left ID



Right ID

Fluke ID

ID: GW101

Nickname:

Status: Resident **Sex:**

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 27, 2019	Rafael Point		M. Sawyer

ID: GW101

Left ID



Right ID

Fluke ID

ID: GW102

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 27, 2019	Rafael Point		M.Sawyer
July 28, 2019	Rafael Point		M. Sawyer

Left ID

Right ID



Fluke ID

ID: GW103

Nickname:

Status: Resident **Sex:**

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 21, 2019	??		A.Hoyland

ID: GW103

Left ID



A.Hoyland

Right ID

Fluke ID

ID: GW105

Nickname:

Status:Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
August 5, 2019	Wouwer		A. Hoyland

Left ID

Right ID



Fluke ID

Nickname: Harmony

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Behaviour	Photographer
June 5, 2019	Ahous Bay		M. Sawyer
June 16, 2019	Ahous Bay		M. Sawyer
June 17, 2019	Ahous Bay		M. Sawyer
June 18, 2019	Ahous Bay		M. Sawyer
July 24, 2019	Rafael Point		M. Sawyer
July 25, 2019	Rafael Point	With CSG2	C.Tersigni, S.Robertson
July 31, 2019	Rafael Point		M. Sawyer
August 6, 2019	Rafael Point	With CSG2, GW104	C.Tersigni, S.Robertson
August 8, 2019	Rafael Point		M. Sawyer
August 11, 2019	??		A. Hoyland
August 14, 2019	Rafael Point	Bottom Feeding with CSG2, CSG27	C.Tersigni, S. Robertson
September 7, 2019	Estevan		J.Darling

ID:CSG157

Left ID



Right ID



Fluke ID

Left ID



Right ID



Fluke ID

ID: CSG199a

Nickname:

Status: Resident

Sex:

Birth Year: 2019?

Identification Notes:

Date	Location	Behaviour	Photographer
June 11, 2019	Ahous Bay		M. Sawyer
June 12, 2019	Ahous Bay	Feeding with CSG199, CSG1007, CSG589, CSG32, whale 4	J. Darling
June 15, 2019	Ahous Bay		M. Sawyer
June 16, 2019	Ahous Bay	Feeding with CSG199, ELG	J. Darling
June 17, 2019	Ahous Bay		M. Sawyer
June 18, 2019	Ahous Bay		M. Sawyer
June 22, 2019	Ahous Bay		M. Sawyer
June 22, 2019	Lawrence		M. Sawyer
June 24, 2019	Ahous Bay		M. Sawyer
June 25, 2019	Ahous Bay		M. Sawyer
June 27, 2019	Cow Bay		M. Sawyer

ID: CSG199a

Left ID



Right ID

Fluke ID

ID: CSG298

Nickname: Bar

Status:

Sex: Male

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 4, 2019	Hesquiat		J. Darling
August 5, 2019	Cow Bay		M. Sawyer
August 6, 2019	Rafael Point	With CSG2, CSG157	C.Tersigni and S. Robertson
August 6, 2019	Cow Bay		M. Sawyer
August 8, 2019	Rafael Point		J.Darling
August 11, 2019	Rafael Point		A. Hoyland
August 14, 2019	Cow Bay		M. Sawyer
August 27, 2019	Cow Bay		M. Sawyer
August 28, 2019	Cow Bay		M. Sawyer
August 31, 2019	Cow Bay		M. Sawyer

ID: CSG298

Left ID



Right ID



Fluke ID



ID: CSG508

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Behaviour	Photographer
September 3, 2019	Cow Bay	Travelling	M. Sawyer
September 3, 2019	Siwash Point		J.Darling

ID: CSG508

Left ID



M. Sawyer

Right ID

Fluke ID

ID: CSG531

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 19, 2019	Red Rocks		A.Hoyland
July 20, 2019	Grassy Knoll		A.Hoyland

ID: CSG531

Left ID



A.Hoyland

Right ID

Fluke ID



A.Hoyland

ID: CSG558

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 16, 2019	Rafael Point		M. Sawyer
July 19, 2019	Rafael Point		M. Sawyer

ID: CSG558

Left ID

Right ID



Fluke ID

ID: CSG589**Nickname:** Bright Bar**Status:** Resident**Sex:****Birth Year:** 1977**Identification Notes:** Has pure white rectangular mark on the right side.

Date	Location	Notes	Photographer
March 25, 2019	Entrance rock		M. Sawyer
March 26, 2019	Entrance rock		M. Sawyer
April 2, 2019	Entrance rock		M. Sawyer
April 8, 2019	NE Blunden		M. Sawyer
April 12, 2019	NE Blunden		M. Sawyer
June 12, 2019	Ahous Bay	Laying around with CSG1007, CSG199, CSG199a, CSG32	J. Darling
April 14, 2019	Whitesands Cove		M. Sawyer
June 14, 2019	Ahous Bay	with CSG1007	J. Darling
April 15, 2019	Whitesands Cove		M. Sawyer
April 19, 2019	Entrance Rock		M. Sawyer
April 19, 2019	NE Blunden		M. Sawyer
April 19, 2019	Whitesands Cove		M. Sawyer
April 20, 2019	Whaler Lawrence		M. Sawyer
April 21, 2019	Whitesands Cove		M. Sawyer
April 22, 2019	Whaler Lawrence		M. Sawyer
May 6, 2019	?		M. Sawyer
May 10, 2019	Ahous Bay		M. Sawyer
May 11, 2019	Shag Rock		M. Sawyer
May 14, 2019	Ahous Bay		M. Sawyer
May 14, 2019	NE Blunden		M. Sawyer
June 11, 2019	Ahous Bay		M. Sawyer
June 12, 2019	Ahous Bay		J. Darling
June 14, 2019	Orca Alley to Bubba's Gap		M. Sawyer
June 14, 2019	Ahous Bay		J. Darling
June 16, 2019	Ahous Bay		M. Sawyer
June 18, 2019	Ahous Bay		M. Sawyer
June 21, 2019	Cow Bay		M. Sawyer
June 21, 2019	Ahous Bay		M. Bartlett, J. Simmerling

Date	Location	Behaviour	Photographer
June 22, 2019	Cow Bay		M. Sawyer
June 24, 2019	Ahous Bay	With CSG32, CSG1007	J. Darling
June 25, 2019	Ahous Bay		M. Sawyer
June 25, 2019	Ahous Bay		C. Tersigni and S. Robertson
June 26, 2019	NE Blunden		M. Sawyer
June 27, 2019	Ahous Bay		M. Sawyer
August 17, 2019	Sail Rock- Humphries Reef		A. Hoyland

ID: CSG589

Left ID



C.Tersigni

Right ID



C.Tersigni

Fluke ID

ID: CSG632

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Behaviour	Photographer
July 19, 2019	La Croix to Sea Otter	Travelling	A. Hoyland
August 20, 2019	Cleland to West of Sea Otter	Travelling	M. Sawyer

Left ID



Right ID

Fluke ID

ID: CSG665

Nickname:

Status: Resident

Sex:

Birth Year: 2013

Notes:

Date	Location	Notes	Photographer
May 10, 2019	Ahous Bay		M. Sawyer
July 4, 2019	Hesquiat		J. Darling
July 7, 2019	Ahous Bay		M. Sawyer
July 23, 2019	Dagger Bay		M. Sawyer
July 24, 2019	Rafael Point		M. Sawyer
July 25, 2019	Rafael Point	With CSG2, CSG157	C.Tersigni, S.Robertson
July 30, 2019	Rafael Point		M. Sawyer
July 31, 2019	Rafael Point	With CSG26	C.Tersigni, S.Robertson

ID: CSG665

Left ID



M. Sawyer

Right ID



C.Tersigni

Fluke ID

ID: CSG722

Nickname: Jagger

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
June 11, 2019	Ahous Bay		M. Sawyer
June 15, 2019	Ahous Bay		M. Sawyer
August 17, 2019	Cow Bay		M. Sawyer
August 17, 2019	Rafael Point		M. Sawyer

ID: CSG722

Left ID



M. Sawyer

Right ID



M. Sawyer

Fluke ID



M. Sawyer

ID: CSG973

Nickname: Snowflake

Status: Resident **Sex:**

Birth Year:

Notes:

Date	Location	Behaviour	Photographer
August 22, 2019	Cow Bay		A. Hoyland
August 23, 2019	Cow Bay		A. Hoyland
August 27, 2019	Cow Bay		M. Sawyer
August 28, 2019	Cow Bay		M. Sawyer
September 1, 2019	Ahous Bay		M. Sawyer

Left ID



Right ID



Fluke ID



ID: CSG1007

Nickname: Lasso

Status: One-time resident

Sex:

Birth Year:

Notes: Large white circle behind blow hole on left side

Date	Location	Notes	Photographer
May 23, 2019	Whaler Lawrence		M. Sawyer
June 11, 2019	Ahous Bay		M. Sawyer
June 12, 2019	Ahous Bay	With CSG589, CSG199, 199a, CSG32	J. Darling
June 14, 2019	Ahous Bay		J. Darling
June 15, 2019	Ahous Bay		M. Sawyer
June 16, 2019	Ahous Bay		M. Sawyer
June 17, 2019	Ahous Bay		M. Sawyer
June 18, 2019	Ahous Bay		M. Sawyer
June 21, 2019	Ahous Bay	With CSG589	M. Bartlett, J. Simmerling
June 24, 2019	Ahous Bay	Feeding- always showing his tale. With ELG, CSG1007	J. Darling
June 25, 2019	Ahous Bay		C. Tersigni, S. Robertson
June 26, 2019	Ahous Bay		M. Sawyer
June 27, 2019	Ahous Bay		M. Sawyer
June 28, 2019	Ahous Bay		M. Sawyer
June 29, 2019	Ahous Bay		M. Sawyer

Left ID



C.Tersigni

Right ID



M. Sawyer

Fluke ID



Jim Darling

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 2, 2019	Wilf Rock		M. Sawyer
July 4, 2019	Wilf Rock		M. Sawyer
July 6, 2019	Outside Tree Island		M. Sawyer
July 29, 2019	Wilf Rock		M. Sawyer

Left ID



M. Sawyer

Right ID



M. Sawyer

Fluke ID



M. Sawyer

ID: CSG1021

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 3, 2019	Frank Island		M. Sawyer
July 4, 2019	Frank Island		M. Sawyer
July 6, 2019	Outside Tree Island		M. Sawyer
July 9, 2019	Outside Tree Island		M. Sawyer
August 1, 2019	Franks Island		M. Sawyer
August 1, 2019	Outside Tree Island		M. Sawyer

ID: CSG1021

Left ID



M. Sawyer

Right ID

Fluke ID



M. Sawyer

Nickname:

Status: Resident

Sex:

Birth Year:

Notes:

Date	Location	Notes	Photographer
July 1, 2019	Shallows at Cleland		M. Sawyer
July 6, 2019	Shallows at Cleland		M. Sawyer
August 1, 2019	Shallows at Cleland		M. Sawyer

Left ID



Right ID

Fluke ID

ID: CSG1023**Nickname:** Domino**Status:** Resident**Sex:****Birth Year:****Notes:**

Date	Location	Notes	Photographer
June 28, 2019	Outside Bubba's Gap		M. Sawyer, A.Hoyland
July 4, 2019	Outside Bubba's Gap		M. Sawyer, A.Hoyland
July 6, 2019	Outside Bubba's Gap		M. Sawyer
July 27, 2019	Outside Bubba's Gap		M. Sawyer
August 9, 2019	Tree Island		M. Sawyer
August 20, 2019	Ahous Bay		M. Sawyer
August 22, 2019	Cow Bay		A.Hoyland
August 27, 2019	Cow Bay		A. Hoyland
August 28, 2019	?		M. Sawyer
August 31, 2019	?		M. Sawyer

Left ID



M. Sawyer

Right ID



M. Sawyer

Fluke ID



M. Sawyer

Back cover photo by Jim Darling, 2019

