

SEAN Airborne Contaminants

Field data sheet

Version 2024-06-12

59.90112

-139.62988

(WRPL) Disenchantment Bay - Point LaTouche

Survey date range

08-06-2024

Personnel

C. Murdoch, A. Tuttle

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CONTACT

Project Leader: Craig Murdoch

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3100 National Park Road

Juneau, AK 99801

(907) 364-2621

craig_murdoch@nps.gov

Field collection data

Plot name	Date	Time	Collector	Species	Moisture status	Substrate	Comments
WRPL	8/6/24	10:47	CM	Hypent	Dry	Sitka Spruce	Located on a downed, dead tree
WRPL	8/6/24	11:21	CM	Hypent	Dry	Sitka Spruce	Dead tree
WRPL	8/6/24	11:45	CM	unknown	dry	Sitka Spruce	Dead tree
WRPL	8/6/24	11:50	AT	Hypent	Dry	Sitka Spruce	Dead tree

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- For dates, use mm/dd/yyyy format

- For times, use 24-hour format

- Moisture status: dry, damp, or wet

- For substrate column, fill in what lichen were collected from (e.g. *Pinus contorta* branches and boles)

- Plot names: Blue Mouse Cove = GLBA_BM, Graves Harbor = GLBA_GH, Bartlett Cove = GLBA_BC, Dyea = KLGO_DY, Chilkoot Trail = KLGO_CH, 'Glacier Gorge = KLGO_GG, Indian River = SITK_IR, Esker Creek = WRST_EC, Egg Island = WRST_EI, Ankau Lagoon = WRST_AL, Humpback Creek = WRST_HC

Lat: 59.90105

Long: -139.62955

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CONTACT

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Esker Creek (WREC)

Survey date range

8/6/2024 - 8/7/2024

Personnel

C. Murdoch & A. Tuttle

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Field collection data

Plot name	Date	Time	Collector	Species	Moisture status	Substrate	Comments
WREC	8/6/24	21:45	CM	Hypent	Dry	Alnus boles & branches P. sitchensis branches	
WREC	8/6/24	21:45	AT	Hypent	Dry	Alnus spp. boles & branches	
WREC	8/7/24	8:15	CM/AT	Hypent	Dry	Picea sitchensis branches	

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Lat: 59.88054

Long: -139.77558

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Survey date range

Personnel

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08/07/2024

C. Murdoch & A. Tuttle

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Field collection data

Plot name	Date	Time	Collector	Species	Moisture status	Substrate	Comments
WRDB	8/7/24	12:15	CM	Hypent	Dry	Alnus spp. branches	
↓	↓	12:22	AT	Unknown	Dry	Alnus spp. branches & boles Salix spp. branches	Hypogymnia spp.? Appressed
↓	↓	12:30	CM	Unknown	Dry	Alnus spp. branches & boles Salix spp. branches	Hypogymnia spp.? Appressed

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- For times, use 24-hour format

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Lat: 59.96455

Long: -139.522

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Survey date range

Personnel

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WRHC

08-08-2024

C. Murdoch, A. Tuttle, L. Swann, M. Edwards

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Field collection data

Plot name	Date	Time	Collector	Species	Moisture status	Substrate	Comments
WRHC	8/8/24	12:45	CM/AT	Monia	Dry	Picea sitchensis boles + branches	
	8/8/24	12:56	CM	Monia	Dry	Alnus spp. boles + branches	
	8/8/24	13:04	CM	Monia	Dry	Salix spp. boles + branches	
↓	8/8/24	13:15	CM/LS	Hypent	Dry	Alnus spp. branches Salix spp. branches	

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- Moisture status: dry, damp, or wet

- For substrate column, fill in what lichen were collected from (e.g. *Pinus contorta* branches and boles)

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Lat: 59.64444

Long: -139.58329

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Survey date range

Personnel

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Ankau Lagoon (WRAL)

8/9/24

C. Murdoch & A. Tuttle

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Field collection data

Plot name	Date	Time	Collector	Species	Moisture status	Substrate	Comments
WRAL	8/9/24	13:35	AT	Lobaria	Wet	Picea sitchensis branches	Lobaria pulmonaria
↓	↓	13:40	AT	Lobaria	Wet	Picea sitchensis branches	Lobaria pulmonaria
↓	↓	13:45	CM	Lobaria	Wet	Picea sitchensis branches	Lobaria pulmonaria
↓	↓	14:00	CM/AT	Hypent	Wet	Picea sitchensis branches Alnus spp. branches	
↓	↓	14:20	CM	Plagla	Wet	Alnus spp. branches Picea sitchensis branches	

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- For times, use 24-hour format

- Moisture status: dry, damp, or wet

- For substrate column, fill in what lichen were collected from (e.g. *Pinus contorta* branches and boles)

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Lat: 59.54755

Long: -139.81773

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Survey date range

Personnel

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Glacier Gorge

8-20-2024

Alli Tuttle, Natalie Velez-Guarez, Elaine Furbish

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Field collection data

Plot name	Date	Time	Collector	Species	Moisture status	Substrate	Comments
KLGO_GG	8-20-2024	09:30	EF	Hypent	Dry	Abies boles + branches	
↓	↓	09:45	NVS	Hypent	Dry	" "	
↓	↓	10:00	AT	Hypent	Dry	" "	
↓	↓	10:40	NVS	Plagla	Dry	" "	
↓	↓	10:40	AT	Plagla	Dry	" "	
↓	↓	10:45	EF	Plagla	Dry	" "	
↓	↓	11:40	AT	Hypina	Dry	" "	Small sample - difficult to find a significant quantity

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Lat: 59.57035

Long: -135.15169

SEAN Airborne Contaminants

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Survey date range

Dyea
8-20 - 2024

Personnel

Alli Tuttle & Natalie Velez-Suarez

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Field collection data

Plot name	Date	Time	Collector	Species	Moisture status	Substrate	Comments
KLGO_DY	8/26/24	16:15	NVS	Plagla	Damp	Picea sitchensis boles & branches	Plagla & Hypent are plentiful in this area
		16:30	NVS	Plagla	Damp	" "	
		16:32	AT	Hypent	Damp	" "	
		16:45	NVS	Plagla	Damp	" "	
		17:00	AT	Hypent	Damp	" "	
↓	↓	17:00	NVS/AT	Hypent	Damp	" "	

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- For times, use 24-hour format

- Moisture status: dry, damp, or wet

- For substrate column, fill in what lichen were collected from (e.g. *Pinus contorta* branches and boles)

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Lat: 59.50263

Long: -135.35543

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Survey date range

Personnel

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Chilkoot

8-21-2024

Alli Tuttle & Natalie Velez-Suarez

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Field collection data

Plot name	Date	Time	Collector	Species	Moisture status	Substrate	Comments
KLGO_CH	8/21/24	8:30	AT	Plagla	Damp	Prun sitchensis, Tsuga heterophylla, Betula	
		8:35	NVS	Plagla	Damp	P. sitchensis boles & branches	
		8:50	AT	Hypent	Damp	Tsuga, Prun Dead & snags also	
		9:15	NVS	Plagla	Damp	P. sitchensis boles & branches	
		9:45	AT	Hypent	Wet	Alnus spp., T. heterophylla, P. sitchensis, Betula spp.	
		9:45	NVS	Hypent	Wet	Alnus spp., P. sitchensis	

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Lat: 59.51165

Long: -135.34383

SEAN Airborne Contaminants

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Juneau, AK 99801

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Survey date range

8/26/2024 - 8/27/2024

Personnel

C. Murdoch & J. Tanguay

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Field collection data

Plot name	Date	Time	Collector	Species	Moisture status	Substrate	Comments
SITK_IR	8/26/24	1:40	JT	Plagla	Wet	<i>P. sitchensis</i> , <i>Alnus</i> spp., <i>T. heterophylla</i> boles & branches	
	8/26/24	2:10	CM/JT	Plagla	Damp	<i>P. sitchensis</i> boles & branches	
	8/26/24	3:00	CM/JT	Plagla	Wet	<i>P. sitchensis</i> , <i>Alnus</i> spp., <i>T. heterophylla</i> boles & branches	
	8/27/24	9:30	CM/JT	Hypent	Damp	<i>Alnus</i> spp. boles & branches	
	8/27/24	10:15	CM/JT	Hypent	Damp	<i>P. sitchensis</i> branches <i>Alnus</i> spp. branches	
	8/27/24	11:00	CM/JT	Hypent	Damp	<i>Alnus</i> spp. boles	

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Lat: 57.04768

Lat: 57.04723

Long: -135.31514

Long: -135.31176

Lichens picked
between these two locations... along the
meadow side of beach fringe

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Survey date range

Personnel

Page

Blue Mouse Cove

9-10-2024

C. Murdoch ; A. Tuttle

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Field collection data

Plot name	Date	Time	Collector	Species	Moisture status	Substrate	Comments
GLBA - BM	9/10/24	15:25	AT	Hypent	Dry	Alnus spp., Cottonwood	
		16:00	AT	Hypent	Dry	"	
		16:00	CM	Hypent	Dry	"	
		16:40	CM/AT	Plagla	Dry	P. sitchensis boles & branches T. heterophylla	
		17:10	CM/AT	Plagla	Dry	T. heterophylla boles & branches P. sitchensis boles & branches	
		17:50	CM/AT	Plagla	Dry	P. sitchensis boles & branches Alnus spp. boles & branches	

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Bartlett Cove

Survey date range

9-11-2024 to 9-12-2024

Personnel

C. Murdoch & H. Tuttle

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Field collection data

Plot name	Date	Time	Collector	Species	Moisture status	Substrate	Comments
<i>GLBA-BC</i>	<i>9-11-24</i>	<i>16:55</i>	<i>CM</i>	<i>Hypent</i>	<i>Damp</i>	<i>Alnus</i>	
<i>↓</i>	<i>↓</i>	<i>17:05</i>	<i>AT</i>	<i>Plagla</i>	<i>↓</i>	<i>Alnus</i>	
<i>↓</i>	<i>↓</i>	<i>17:55</i>	<i>CM</i>	<i>Hypent</i>	<i>↓</i>	<i>Alnus, Spruce</i>	
<i>↓</i>	<i>↓</i>	<i>18:30</i>	<i>CM</i>	<i>Hypent</i>	<i>↓</i>	<i>Spruce</i>	
<i>↓</i>	<i>↓</i>	<i>18:15</i>	<i>AT</i>	<i>Plagla</i>	<i>↓</i>	<i>Alnus, Spruce</i>	
<i>↓</i>	<i>9-12-24</i>	<i>19:00</i>	<i>CM/AT</i>	<i>Plagla</i>	<i>Wet</i>	<i>Spruce & alder</i>	<i>Primarily found on down woody debris (spruce)</i>

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