



bmsc

BAMFIELD MARINE
SCIENCES CENTRE

VANCOUVER
ISLAND



Vancouver

 *Bamfield*

Victoria



bmsc

BAMFIELD MARINE
SCIENCES CENTRE



bamfieldmsc.com



bmsc

BMSC Biodiversity Database

- developed by staff familiar with Biotics and biodiversity data
- could be customized for use by other field stations etc.



bmsc

BAMFIELD MARINE
SCIENCES CENTRE



bamfieldmsc.com



Bamfield Marine Sciences Centre

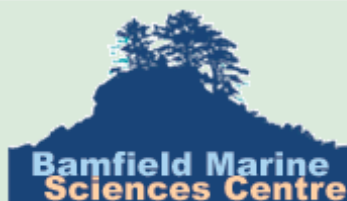
Biodiversity Database

[Home](#) | [Collections](#) | [Observations](#) | [Reports](#) | [Help](#) | [Contact Us](#) | [Login](#)

Welcome to the BMSC Biodiversity Database

- This database supports research and teaching at BMSC.
- Data covers the period 1972 to present, and include information about plants and animals in terrestrial, freshwater and marine environments of Barkley Sound.
- Animals collected for research or teaching must be recorded in this database.
- Noteworthy observations, both positive and negative, are encouraged.

Collections	Record what you collected
Observations	Record what you saw, or looked for but didn't find
Reports	List species known to occur in Barkley Sound, as well as where and when they were collected or observed. Find BMSC publications about specific organisms.
Help	Instructions for recording collections and observations
Contact Us	Need access or have information you think would be helpful?



Bamfield Marine Sciences Centre
100 Pachena Rd, Bamfield, BC
Canada, V0R 1B0
Phone: (250) 728-3301
Fax: (250) 728-3452
[Email Us](#)



Bamfield Marine Sciences Centre

Biodiversity Database

[Home](#) | [Collections](#) | [Observations](#) | [Reports](#) | [Help](#) | [Contact Us](#) | [Login](#)

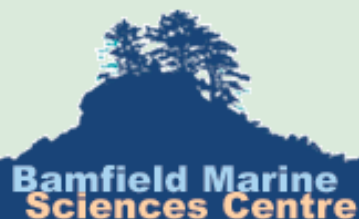
Reports

**Collections /
Observations**

Mapped locations of collections and observations

Species

Lists of species found in Barkley Sound, with related BMSC publications



Bamfield Marine Sciences Centre
100 Pachena Rd, Bamfield, BC
Canada, V0R 1B0
Phone: (250) 728-3301
Fax: (250) 728-3452
[Email Us](#)

[BMSC Home](#) | [Biodiversity Database Home](#)
© 2010 Bamfield Marine Sciences Centre | [Terms of Use](#)

Species Report

Search Criteria

Help

Search

Reset

Species ✓

Species Group: Birds

- ☐ Scientific Name
☒ English Name

Inc Synonyms: ☐

Name:

Additional

Results: 183 records

Scientific Name	English Name	Taxon Level	Barkley Sound	Sensitive	Breeding Bird	Exotic	Species Code
<i>Accipiter gentilis</i>	Northern Goshawk	Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B-NOGO
<i>Accipiter striatus</i>	Sharp-shinned Hawk	Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B-SSHA
<i>Actitis macularius</i>	Spotted Sandpiper	Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B-SPSA
<i>Aechmophorus occidentalis</i>	Western Grebe	Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B-WEGR
<i>Aegolius acadicus</i>	Northern Saw-whet Owl	Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B-NSWO
<i>Agelaius phoeniceus</i>	Red-winged Blackbird	Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	B-RWBL
<i>Aix sponsa</i>	Wood Duck	Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	B-WODU
<i>Anas acuta</i>	Northern Pintail	Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B-NOPI
<i>Anas americana</i>	American Wigeon	Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B-AMWI
<i>Anas clypeata</i>	Northern Shoveler	Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B-NOSL

[Print](#) |
 [Share](#) |
 Page 1 of 19 |
 [10](#) |
 View 1 - 10 of 183

Export as: [Excel](#)

Species Report

Search Criteria

Help

Search

Reset

▼ Species ✓

Species Group:

- ☐ Scientific Name
☒ English Name

Inc Synonyms: ☐

Name:

► Additional

Results: 1 records

Scientific Name	English Name	Taxon Level	Barkley Sound	Sensitive	Breeding Bird	Exotic	Species Code
Cancer magister	Dungeness Crab	Species	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Page 1 of 1

Export as: [Excel](#)

Species Summary

Scientific Name:		Cancer magister						
English Name:		Dungeness Crab						
Synonyms:		Metacarcinus magister (Scientific Name) Edible Cancer Crab (English Common Name) Common Edible Crab (English Common Name) Edible Crab (English Common Name) Pacific Edible Crab (English Common Name) Pacific Crab (English Common Name) Market Crab (English Common Name) Commercial Crab (English Common Name)						
Taxon Level:		Species						
Kingdom	Phylum	Subphylum	Class	Subclass	Order	Suborder	Family	Genus
Animalia	Arthropoda	Crustacea	Malacostraca	Eumalacostraca	Decapoda	Pleocyemata	Cancridae	Cancer
General Habitat:		Marine:Yes Freshwater:No Terrestrial:No						
Barkley Sound:		Yes						
Sensitive:		No						
Breeding Bird:		No						
Exotic:		No						
Species Code:								
Summer presence:								
Winter presence:								
CCAC Report:		No						
BMSC Track:		Yes						
Track comments:								

Reports and References

- Airriess, C.N. and McMahon, B.R. 1992. Aminergic modulation of circulatory performance in the crab, *Cancer magister*. *Comp. Physiol* 11: 123-131.
- Airries, C.N. and McMahon, B.R. 1994. Cardiovascular adaptations enhance tolerance of environmental hypoxia in the crab *Cancer magister*. *J. Exp. Bio.* 190: 23-41.
- McGaw, I.J., Airriess, C.N. and McMahon, B.R. 1994. Peptidergic modulation of cardiovascular dynamics in the Dungeness crab, *Cancer magister*. *J. Comp. Physiol. B* 164: 103-111.
- Airriess, C.N. 1994. Cardiovascular function and its control in the Dungeness crab, *Cancer magister*. Ph.D. thesis, University of Calgary, Calgary, Alta.
- McGaw, I.J.; McMahon, B.R. 1995. The FMRFamide-related peptides F1 and F2 alter hemolymph distribution and cardiac output in the crab *Cancer magister*. *Biol. Bull.* 188:186-196.
- Airriess, C.N.; McMahon, B.R. 1996. Short-term emersion affects cardiac function and regional haemolymph distribution in the crab "*Cancer magister*". *J. Exp. Biol.* 199:569-578.
- De Wachter, B.; McMahon, B.R. 1996. Haemolymph flow distribution, cardiac performance and ventilation during moderate walking activity in "*Cancer magister*" (Dana) (Decapoda, Crustacea). *J. Exp. Bio*
- De Wachter, B.; Wilkens, J.L. 1996. Comparison of temperature effects on heart performance of the Dungeness crab, "*Cancer magister*", "in vitro" and "in vivo" *Biol. Bull.* 190:385-395.
- McGaw, I.J.; McMahon, B.R. 1996. Cardiovascular responses resulting from variation in external salinity in the dungeness crab, "*Cancer magister*". *Physiol. Zool.* 69:1384-1401.
- Mak, E.M.T.; Lovell, P.; Chu, K.H.; McMahon, B.R. 1996. Effects of acetylcholine infusion on cardiovascular performance and regional blood flow in the crab, "*Cancer magister*". *Amer. Zool.* 36:38A.
- McGaw, I.J.; McMahon, B.R. 1998. Endogenous rhythms of haemolymph flow and cardiac performance in the crab "*Cancer magister*". *J. Exp. Mar. Biol. Ecol.* 224:127-142.
- Palmer, A.R.; Taylor, G.M.; Barton, A. 1999. Cuticle strength and the size- dependence of safety factors in "*Cancer*" crab claws. *Biol. Bull.* 196:281-294.
- Taylor, G.M. 1999. The biomechanics and evolution of "*Cancer*" crab claws. Ph.D. thesis, University of Alberta, Edmonton, AB.
- Taylor, G.M.; Palmer, A.R.; Barton, A.C. 2000. Variation in safety factors of claws within and among six species of *Cancer* crabs (Decapods: Brachyura) *Biol. J. Linn. Soc.* 70:37-62.
- McGaw, I.J., McMahon, B.R. 2003. Balancing tissue perfusion demands: cardiovascular dynamics of *Cancer magister* during exposure to low salinity and hypoxia. *Journal of Experimental Zoology* 295A: 57-



Bamfield Marine Sciences Centre

Biodiversity Database

[Home](#) | [Collections](#) | [Observations](#) | [Reports](#) | [Help](#) | [Contact Us](#) | [Login](#)

Reports

Collections / Observations	Mapped locations of collections and observations
Species	Lists of species found in Barkley Sound, with related BMSC publications



Bamfield Marine Sciences Centre
100 Pachena Rd, Bamfield, BC
Canada, V0R 1B0
Phone: (250) 728-3301
Fax: (250) 728-3452
[Email Us](#)

[BMSC Home](#) | [Biodiversity Database Home](#)
© 2010 Bamfield Marine Sciences Centre | [Terms of Use](#)

Search Criteria

Help

Search

Reset

▼ Spatial Filter✓

Enable: ☒

Location:

Latitude / Longitude:

48° 54.000' N / 125° 18.000' S

Radius (km):

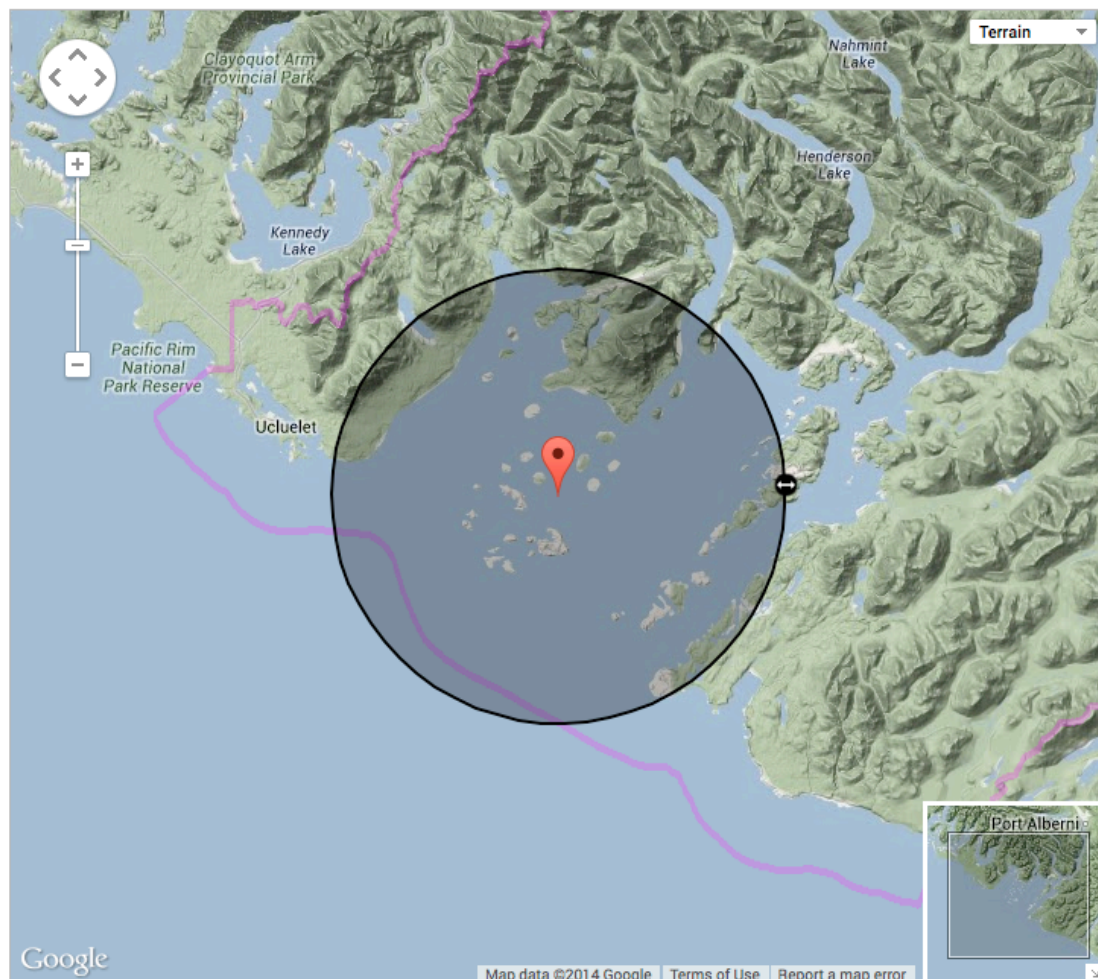
[Reset Search Area to current zoom](#)

► Species

► Date Range

► Survey Type

► Site Parameters



[Search Criteria](#)
[Help](#)

[Search](#)
[Reset](#)

▼ **Spatial Filter** ✓

Enable: ☒

Location:

Latitude / Longitude:

Radius (km):

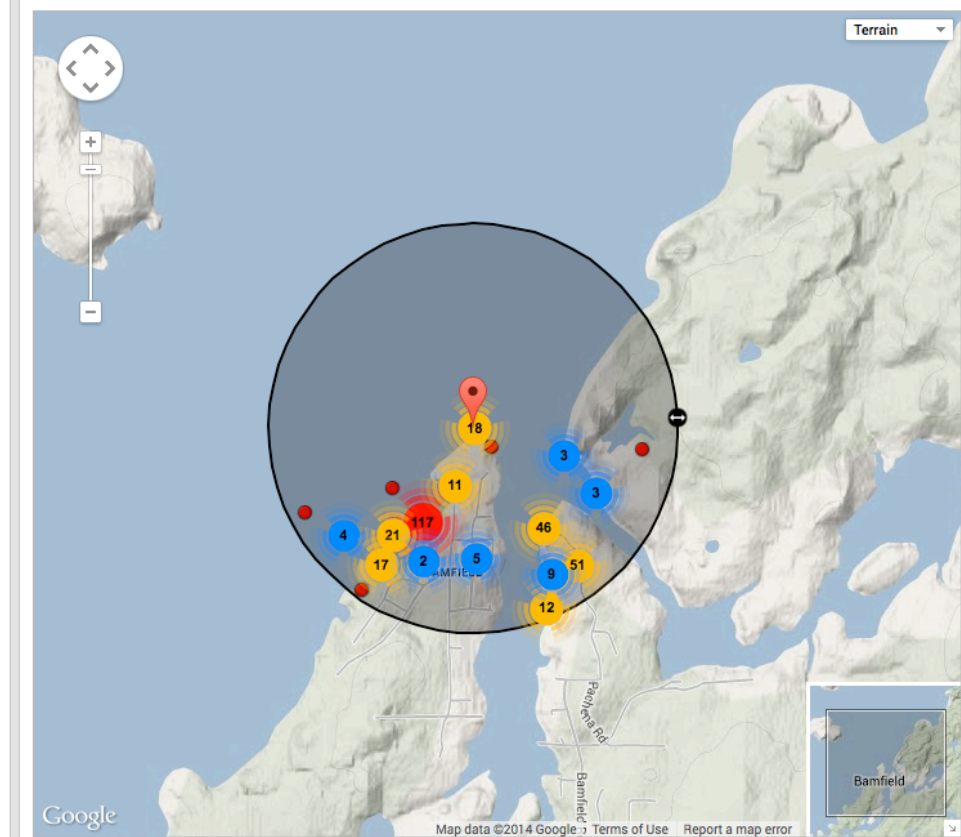
[Reset Search Area to current zoom](#)

► **Species** ✓

► **Date Range**

► **Survey Type**

► **Site Parameters**



Results: 324 records

Scientific Name	English Name
Amphipoda	Amphipods
Amphipoda	Amphipods
Amphipoda	Amphipods
Amphipoda	Amphipods
Amphipoda	Amphipods
Amphipoda	Amphipods
Amphipoda	Amphipods
Balanus amphitrite	
Balanus glandula	Common Aca
Balanus glandula	Common Aca

Page 1 of 33

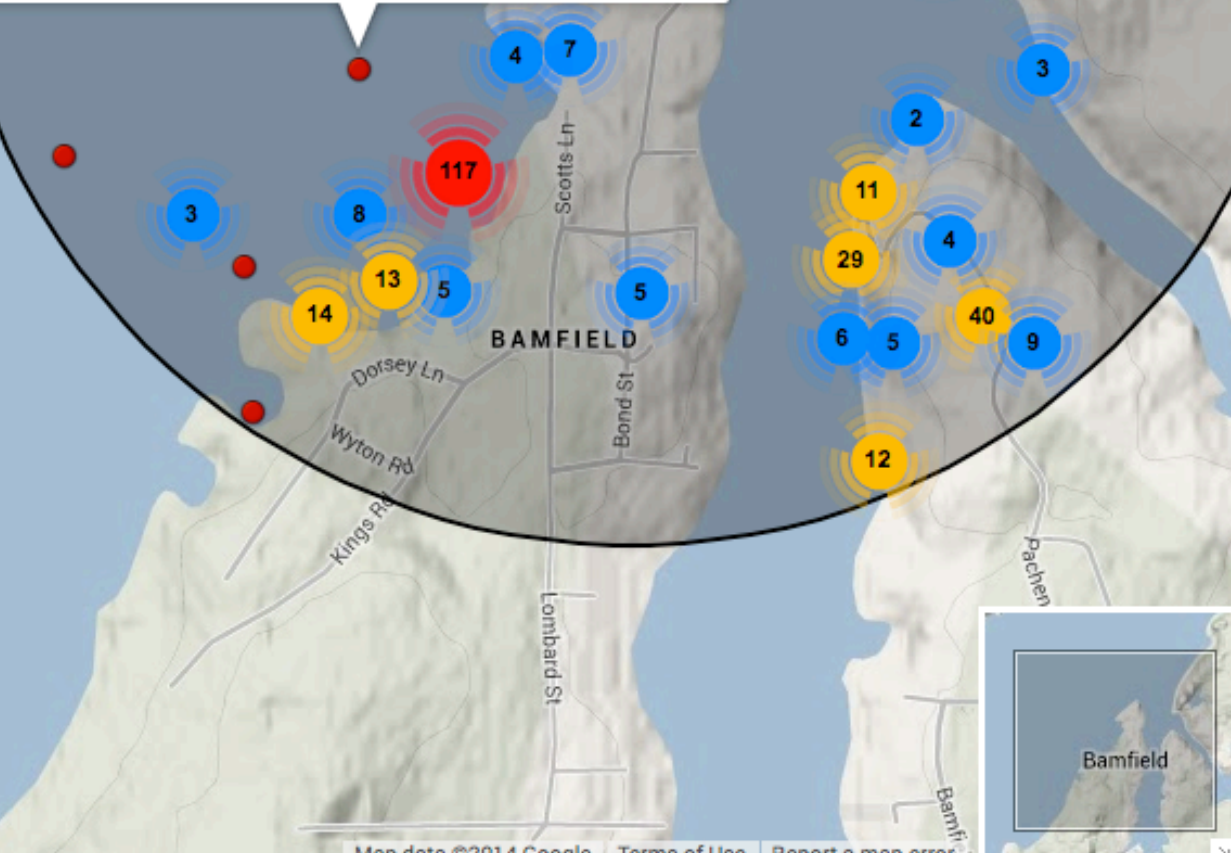
Export as: [Excel](#) | [KML](#)

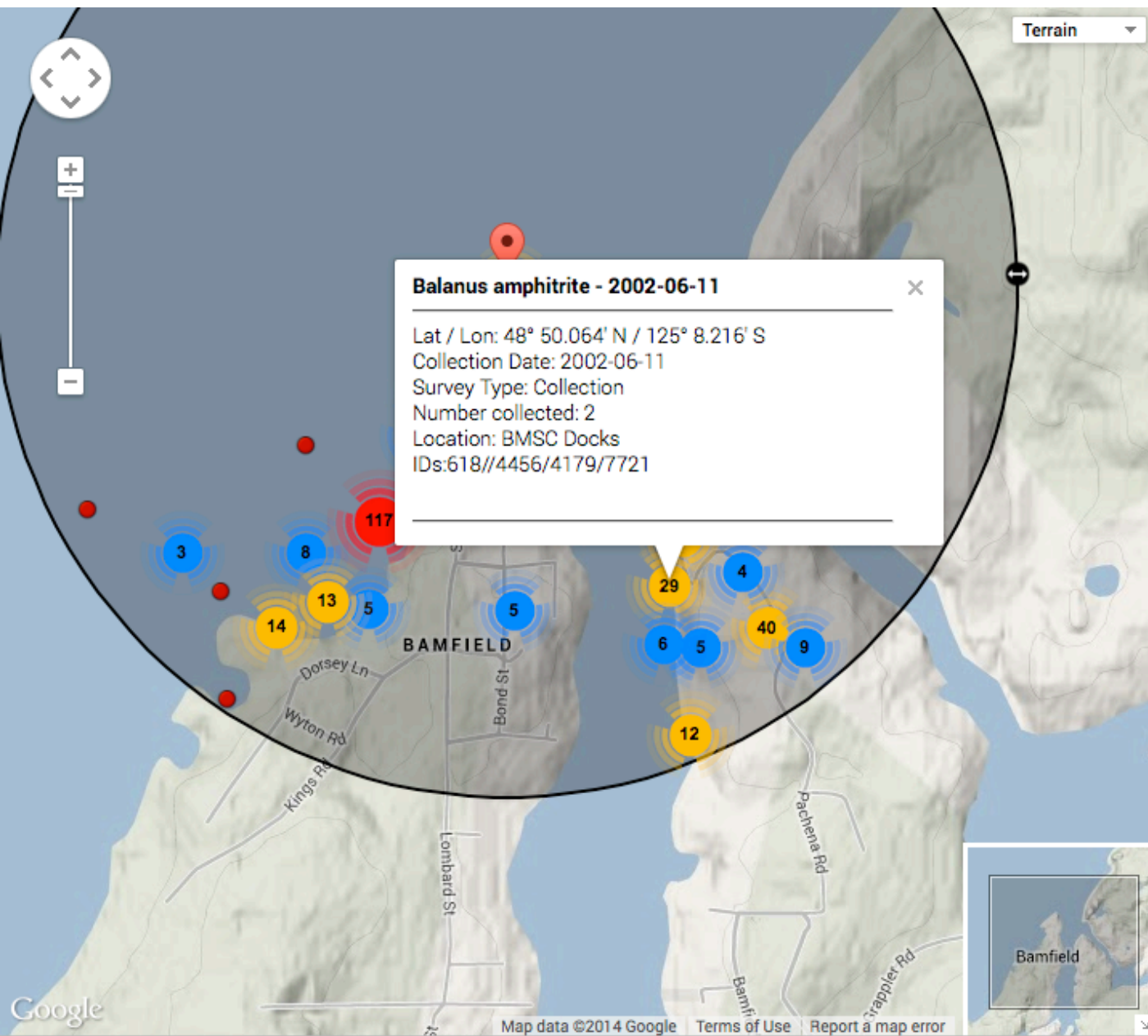
Results include records for non-sensitive species and any sensitive species associated with one of your Animal Use Protocols (AUP).

Terrain

Hemigrapsus nudus (Purple Shore Crab) - 2000-06-02

Lat / Lon: 48° 50.200' N / 125° 8.800' S
Collection Date: 2000-06-02
Survey Type: Collection
Number collected: 6
Location: Eagle Bay
IDs: 616//4208/3902/7979





Results: 324 records

Scientific Name	English
Amphipoda	Amphipods
Amphipoda	Amphipods
Amphipoda	Amphipods
Amphipoda	Amphipods
Amphipoda	Amphipods
Amphipoda	Amphipods
Amphipoda	Amphipods
Balanus amphitrite	
Balanus glandula	Common Aco
Balanus glandula	Common Aco

Page 1 of 33

Export as: [Excel](#) | [KML](#)

Results include records for non-sensitive species and any sensitive species associated with one of your Animal Use Protocols (AUP).



Bamfield Marine Sciences Centre

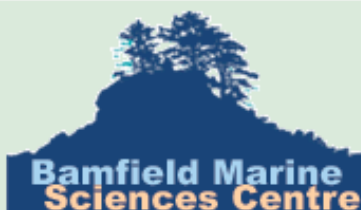
Biodiversity Database

[Home](#)[Collections](#)[Observations](#)[Reports](#)[Help](#)[Contact Us](#)[Login](#)

Welcome to the BMSC Biodiversity Database

- This database supports research and teaching at BMSC.
- Data covers the period 1972 to present, and include information about plants and animals in terrestrial, freshwater and marine environments of Barkley Sound.
- Animals collected for research or teaching must be recorded in this database.
- Noteworthy observations, both positive and negative, are encouraged.

Collections	Record what you collected
Observations	Record what you saw, or looked for but didn't find
Reports	List species known to occur in Barkley Sound, as well as where and when they were collected or observed. Find BMSC publications about specific organisms.
Help	Instructions for recording collections and observations
Contact Us	Need access or have information you think would be helpful?



Bamfield Marine Sciences Centre
100 Pachena Rd, Bamfield, BC
Canada, V0R 1B0
Phone: (250) 728-3301
Fax: (250) 728-3452
[Email Us](#)



Bamfield Marine Sciences Centre

Biodiversity Database

[Home](#) | [Collections](#) | [Observations](#) | [Reports](#) | [Help](#) | [Contact Us](#) | [Login](#)

Login

Username or E-Mail

Password

Remember

☐

Login



Bamfield Marine Sciences Centre
100 Pachena Rd, Bamfield, BC
Canada, V0R 1B0
Phone: (250) 728-3301
Fax: (250) 728-3452
[Email Us](#)

[BMSC Home](#) | [Biodiversity Database Home](#)
© 2010 Bamfield Marine Sciences Centre | [Terms of Use](#)



Bamfield Marine Sciences Centre

Biodiversity Database

[Home](#) | [Collections](#) | [Observations](#) | [Reports](#) | [Help](#) | [Contact Us](#) | [Logout UP](#)

Collections

Animal User Protocol (AUP)

Principal Investigator

Programs, University (UP)

Course Name

AUP

Dates:

Id	Collection Date	QC Status	Collectors		
+ Add ✎ Edit 🗑 ↺					
			Page 0 of 0		10
No records to view					

Sites:

ID	Location	Latitude	Longitude	General Habitat
+ Add Edit <input type="text"/> <input type="text"/>				
Page 0 of 0 <input type="text"/> 5				
No records to view				

Site Organisms:

ID	Scientific Name	English Name	# Collected	Height/Depth	Fate	Population	Ident Conf %
+ Add Edit <input type="text"/> <input type="text"/>							
Page 0 of 0 <input type="text"/> 5							
No records to view							

Site Parameters:

ID	Exposure	Substrate	Operation Type	Profile	Habitat Type	Height/Depth	Equipment
Edit <input type="text"/> <input type="text"/>							
Page 0 of 0							
No records to view							



Bamfield Marine Sciences Centre
100 Pachena Rd, Bamfield, BC
Canada, V0R 1B0
Phone: (250) 728-3301
Fax: (250) 728-3452

Animal User Protocol (AUP)

Principal Investigator

Programs, University (UP)


Course Name

Demonstration

AUP

704 - Test AUP

Dates for AUP 704

<div>Id </div>	Collection Date	QC Status	Collectors
4923	2012/07/09	Submitted	Beth, Sarah
4949	2012/07/25	Submitted	Tracey
4950	2012/07/25	Submitted	Tracey
4951	2012/07/26	Submitted	Tracey
4952	2012/07/26	Submitted	Tracey
4955	2012/08/02	Submitted	Beth and Lindsey
4960	2012/08/10	Submitted	Tracey
4997	2012/09/11	Passed	Beth and Patrick
5021	2012/11/26	Submitted	Marjolaine
5035	2013/01/11	Submitted	Marjolaine

+ Add Edit

Page 1 of 2 10

View 1 - 10 of 17

Sites:

ID	Location	Latitude	Longitude	General Habitat
+ Add	Edit			
Page 0 of 0				No records to view

+ Add Edit

Page 0 of 0 5

No records to view

Site Organisms:

ID	Scientific Name	English Name	# Collected	Height/Depth	Fate	Population	Ident Conf %
<div> + Add ✎ Edit 🗑 🔄 </div> <div> ⏪ ⏩ Page <input type="text" value="0"/> of 0 ⏪ ⏩ 5 ⏴ ⏵ </div> <div>No records to view</div>							

+ Add Edit

Page 0 of 0 5

No records to view

Site Parameters:

ID	Exposure	Substrate	Operation Type	Profile	Habitat Type	Height/Depth	Equipment
<div> <div> Edit </div> <div> </div> </div> <div> Page 0 of 0 </div> <div> No records to view </div>							


Edit

Page 0 of 0

No records to view

New Collection

Collection Date

2014 / 04 / 08 

Collector names

Beth Rogers

Comments

Comments concerning date, collector(s)/observer(s) or weather

QC Status

-

Save

Close

Dates for AUP 704

Id	Collection Date	QC Status	Collectors
5275	2014/04/02	Submitted	Beth Rogers
5187	2013/08/18	Submitted	Janet and Vivian
5185	2013/08/01	Submitted	Janet
5126	2013/07/01	Submitted	john and jane
5098	2013/06/11	Submitted	Janet and Sara
5060	2013/05/22	Submitted	Simon and Garfunkel
5052	2013/05/16	Submitted	Beth Rogers and Marjorie Wonham
5049	2013/03/19	Submitted	Joe and Beth
5035	2013/01/11	Submitted	Marjolaine
5021	2012/11/26	Submitted	Marjolaine

+ Add Edit
<< Page 1 of 2 >> 10
View 1 - 10 of 18

Sites: 2014/04/02 by Beth Rogers

ID	Location	Latitude	Longitude	General Habitat
----	----------	----------	-----------	-----------------

+ Add Edit
<< Page 0 of 0 >> 5
No records to view

Edit

Help

Location



Show/Filter nearby Locations

Latitude / Longitude



N

W

L/L=Location

Zoom to Extent

General habitat

Marine

Sea state

Comments

Comment on how to find the site and its significant characteristics.


Save

Close



Edit Help

Location

Show/Filter nearby Locations  ☒

Latitude / Longitude

48° 50.338' N

125° 8.500' W

L/L=Location Zoom to Extent

General habitat

Marine

Sea state

Comments

Comment on how to find the site and its significant characteristics.

Save

Close



Collections

Animal User Protocol (AUP)

Principal Investigator

Programs, University (UP) ▾

Course Name



Demonstration ▾

AUP

704 - Test AUP ▾

Dates for AUP 704

Id	Collection Date ▾	QC Status	Collectors
5275	2014/04/02	Submitted	Beth Rogers
5187	2013/08/18	Submitted	Janet and Vivian
5185	2013/08/01	Submitted	Janet
5126	2013/07/01	Submitted	john and jane
5098	2013/06/11	Submitted	Janet and Sara
5060	2013/05/22	Submitted	Simon and Garfunkel
5052	2013/05/16	Submitted	Beth Rogers and Marjorie Wonham
5049	2013/03/19	Submitted	Joe and Beth
5035	2013/01/11	Submitted	Marjolaine
5021	2012/11/26	Submitted	Marjolaine



+ Add Edit  

<< Page 1 of 2 >> 10 ▾

View 1 - 10 of 18

Sites: 2014/04/02 by Beth Rogers

ID ▴	Location	Latitude	Longitude	General Habitat
5168	Aguilar Point	48° 50.216' N	125° 8.53' W	Marine



+ Add Edit  

<< Page 1 of 1 >> 5 ▾

View 1 - 1 of 1

Site Organisms: Aguilar Point

ID ▴	Scientific Name	English Name	# Collected	Height/Depth	Fate	Population	Ident Conf %
No records to view							

+ Add Edit  

<< Page 0 of 0 >> 5 ▾

New Collection Site Organism

Organism

The Scientific Name of the collected / observed organism. Use higher level taxa if species level identification is not possible.

**Identification
Confidence**

**Population
Estimate**

Height / Depth

**Number
collected**

Fate

**Specimen
References**

Museum or Herbarium collection number

Comments

Comments on organism. For example, morphological or colour deviations, food, predators, associations, reproductive condition, size, behaviour etc.

Save

Close

New Collection Site Organism

Organism

Species Cancer magister (Dungeness Crab)

The Scientific Name of the collected / observed organism. Use higher level taxa if species level identification is not possible.

Identification Confidence

Confident

Population Estimate

Few

Height / Depth

Shallow subtidal (0m to -20m)

Number collected

1

Fate

Will be returned

Specimen References

Museum or Herbarium collection number

Comments

15 cm diameter male

Comments on organism. For example, morphological or colour deviations, food, predators, associations, reproductive condition, size, behaviour etc.

Save

Close

Dates for AUP 704

Id	Collection Date	QC Status	Collectors
5275	2014/04/02	Submitted	Beth Rogers
5187	2013/08/18	Submitted	Janet and Vivian
5185	2013/08/01	Submitted	Janet
5126	2013/07/01	Submitted	john and jane
5098	2013/06/11	Submitted	Janet and Sara
5060	2013/05/22	Submitted	Simon and Garfunkel
5052	2013/05/16	Submitted	Beth Rogers and Marjorie Wonham
5049	2013/03/19	Submitted	Joe and Beth
5035	2013/01/11	Submitted	Marjolaine
5021	2012/11/26	Submitted	Marjolaine

+ Add Edit

Page 1 of 2

10

View 1 - 10 of 18

Sites: 2014/04/02 by Beth Rogers

ID	Location	Latitude	Longitude	General Habitat
5168	Aguilar Point	48° 50.216' N	125° 8.53' W	Marine

+ Add Edit

Page 1 of 1

5

View 1 - 1 of 1

Site Organisms: Aguilar Point

ID	Scientific Name	English Name	# Collected	Height/Depth	Fate	Population	Ident Conf %
15535	Cancer magister	Dungeness Crab	1	Shallow subtidal	(Will be returned)	Few	Confident

+ Add Edit

Page 1 of 1

5

View 1 - 1 of 1

Site Parameters: Aguilar Point

ID	Exposure	Substrate	Operation Type	Profile	Habitat Type	Height/Depth	Equipment
No records to view							

Edit

Page 0 of 0

New Site Parameters ()

Substrate

Habitat type

Height / Depth

Equipment

Profile

Operation type

Exposure

Save

Close



New Site Parameters ()

Substrate	Discontinuous Rock
Habitat type	
Height / Depth	Shallow subtidal (0m to -20m)
Equipment	Dip net
Profile	<10° slope
Operation type	Shore
Exposure	Protected
<div>SaveClose</div>	



Dates for AUP 704			
Id	Collection Date	QC Status	Collectors
5275	2014/04/02	Submitted	Beth Rogers
5187	2013/08/18	Submitted	Janet and Vivian
5185	2013/08/01	Submitted	Janet
5126	2013/07/01	Submitted	John and Jane
5098	2013/06/11	Submitted	Janet and Sara
5060	2013/05/22	Submitted	Simon and Garfunkel
5052	2013/05/16	Submitted	Beth Rogers and Marjorie Wonham
5049	2013/03/19	Submitted	Joe and Beth
5035	2013/01/11	Submitted	Marjolaine
5021	2012/11/26	Submitted	Marjolaine

+ Add Edit Page 1 of 2 10 View 1 - 10 of 18

Sites: 2014/04/02 by Beth Rogers				
ID	Location	Latitude	Longitude	General Habitat
5168	Aguilar Point	48° 50.216' N	125° 8.53' W	Marine

+ Add Edit Page 1 of 1 5 View 1 - 1 of 1

Site Organisms: Aguilar Point							
ID	Scientific Name	English Name	# Collected	Height/Depth	Fate	Population	Ident Conf %
15535	Cancer magister	Dungeness Crab	1	Shallow subtidal	(Will be returned)	Few	Confident

+ Add Edit Page 1 of 1 5 View 1 - 1 of 1

Site Parameters: Aguilar Point							
ID	Exposure	Substrate	Operation Type	Profile	Habitat Type	Height/Depth	Equipment
5168	Protected	Discontinuous Rock	Shore	<10° slope		Shallow subtidal	CDip net

Edit Page 1 of 1 View 1 - 1 of 1



Bamfield Marine Sciences Centre

Biodiversity Database

[Home](#)[Collections](#)[Observations](#)[Reports](#)[Help](#)[Contact Us](#)[Login](#)

Login

Username or E-Mail

Password

Remember

☐

Login

**Bamfield Marine
Sciences Centre**

Bamfield Marine Sciences Centre
100 Pachena Rd, Bamfield, BC
Canada, V0R 1B0
Phone: (250) 728-3301
Fax: (250) 728-3452

[Email Us](#)

[BMSC Home](#) | [Biodiversity Database Home](#)
© 2010 Bamfield Marine Sciences Centre | [Terms of Use](#)



Bamfield Marine Sciences Centre

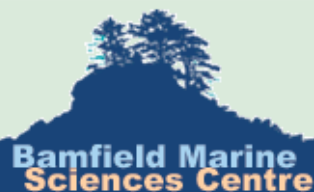
Biodiversity Database

[Home](#)[Collections](#)[Observations](#)[Reports](#)[Help](#)[Contact Us](#)[Logout admin](#)

Welcome to the BMSC Biodiversity Database

- This database supports research and teaching at BMSC.
- Data covers the period 1972 to present, and include information about plants and animals in terrestrial, freshwater and marine environments of Barkley Sound.
- Animals collected for research or teaching must be recorded in this database.
- Noteworthy observations, both positive and negative, are encouraged.

Collections	Record what you collected
Observations	Record what you saw, or looked for but didn't find
Reports	List species known to occur in Barkley Sound, as well as where and when they were collected or observed. Find BMSC publications about specific organisms.
Help	Instructions for recording collections and observations
Contact Us	Need access or have information you think would be helpful?
Administration	Restricted access



Bamfield Marine Sciences Centre
100 Pachena Rd, Bamfield, BC
Canada, V0R 1B0
Phone: (250) 728-3301
Fax: (250) 728-3452
[Email Us](#)



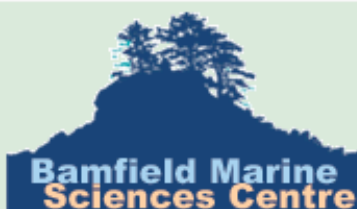
Bamfield Marine Sciences Centre

Biodiversity Database

[Home](#) | [Collections](#) | [Observations](#) | [Reports](#) | [Help](#) | [Contact Us](#) | [Logout admin](#)

Reports

Collections / Observations	Mapped locations of collections and observations
Species	Lists of species found in Barkley Sound, with related BMSC publications
AUP	Animal Use Protocol (AUP) Summary
CCAC	Canadian Council on Animal Care (CCAC) Report
DFO	Dept. of Fisheries and Oceans (DFO) Annual Report
QC	Quality Control Report
Locations	Locations Google Earth (KML) Report



Bamfield Marine Sciences Centre
100 Pachena Rd, Bamfield, BC
Canada, V0R 1B0
Phone: (250) 728-3301
Fax: (250) 728-3452
[Email Us](#)



Bamfield Marine Sciences Centre

Biodiversity Database

[Home](#) | [Collections](#) | [Observations](#) | [Reports](#) | [Help](#) | [Contact Us](#) | [Logout admin](#)

Animal Use Data Form

Search Criteria

Institution Name: Bamfield Marine Sciences Centre

Institution Code : ????

Year

Search

Results

No results.

Results

Protocol no.	CI	Protocol Description	PAU	Species	AA	AU/Yr
N/A	3	Used to demonstrate the database. Records should never pass QC or be visible to the public	2	Oligocottus maculosus	100	1
N/A	3	Used to demonstrate the database. Records should never pass QC or be visible to the public	6	Oligocottus maculosus	10	1
N/A		Used to demonstrate the database. Records should never pass QC or be visible to the public		Rana aurora		1
PE13-DP-01		Animal Use for educational display and supervised laboratory observation.		Allosmerus elongatus		1
PE13-DP-01		Animal Use for educational display and supervised laboratory observation.		Anoplarchus purpureus		1
PE13-DP-01		Animal Use for educational display and supervised laboratory observation.		Anoplopoma fimbria		1
PE13-DP-01		Animal Use for educational display and supervised laboratory observation.		Bathyagonus alascanus		1
PE13-DP-01	3	Animal Use for educational display and supervised laboratory observation.	6	Brachystius frenatus	10	1
PE13-DP-01		Animal Use for educational display and supervised laboratory observation.		Clupea pallasii		1
PE13-DP-01	3	Animal Use for educational display and supervised laboratory observation.	6	Cymatogaster aggregata	10	1
PE13-DP-01	3	Animal Use for educational display and supervised laboratory observation.	2	Cymatogaster aggregata	800	1
PE13-DP-01	3	Animal Use for educational display and supervised laboratory observation.	6	Dasycottus setiger	10	1
PE13-DP-01	3	Animal Use for educational display and supervised laboratory observation.	2	Enophrys bison	74	1



Bamfield Marine Sciences Centre

Biodiversity Database

[Home](#) | [Collections](#) | [Observations](#) | [Reports](#) | [Help](#) | [Contact Us](#) | [Logout admin](#)

Welcome to the BMSC Biodiversity Database

- This database supports research and teaching at BMSC.
- Data covers the period 1972 to present, and include information about plants and animals in terrestrial, freshwater and marine environments of Barkley Sound.
- Animals collected for research or teaching must be recorded in this database.
- Noteworthy observations, both positive and negative, are encouraged.

Collections	Record what you collected
Observations	Record what you saw, or looked for but didn't find
Reports	List species known to occur in Barkley Sound, as well as where and when they were collected or observed. Find BMSC publications about specific organisms.
Help	Instructions for recording collections and observations
Contact Us	Need access or have information you think would be helpful?
Administration	Restricted access



Bamfield Marine Sciences Centre
100 Pachena Rd, Bamfield, BC
Canada, V0R 1B0
Phone: (250) 728-3301
Fax: (250) 728-3452
[Email Us](#)

Dashboard

Collection / Observation Setup



Animal Use
Protocol



AUP Organisms



Permits



Courses

User Administration



Users



Groups



Permissions

Data Review / QC



Collections



Collection Sites



Collection Site
Organisms

Taxonomy



Organisms



Synonyms



References

The DB is used to:

- query which species occur in Barkley Sound and what research has been done on them at BMSC
- query where, when and how to find a particular species
- generate annual reports



bmsc

BAMFIELD MARINE
SCIENCES CENTRE



bamfieldmsc.com

The DB is ALSO used to:

- teach about biodiversity indices either at BMSC or offsite
- identify areas that require sampling
- explore the geography and biodiversity of the area prior to a visit
- track changes over time



bmsc

BAMFIELD MARINE
SCIENCES CENTRE



bamfieldmsc.com

How much did it cost?

- 30-40K, plus staff time
- customization for another location estimated at 10-15K



bmsc

BAMFIELD MARINE
SCIENCES CENTRE



bamfieldmsc.com



IMMERSE YOURSELF

bamfieldmsc.com



bmsc

BAMFIELD MARINE
SCIENCES CENTRE

