Class
Amphineura
Basilochiton heathii
(NAME)

CLASS Amphineura

ORDER Polypseudophora

FAMILY

(DETERMINED BY, NUMBER, AND DATE)

LOCALITY, STATION, DATE

1946 Queen Charl. Sta.

June 28, N of New Masset, Lowest bldrs. 1 specimen. "great extension of range"
**Cryptochiton stelleri** (Middendorff)

**CLASS** Amphineura

**ORDER** Polyplacophora

**FAMILY** Cryptochitonidae

**LOCALITY, STATION, DATE**

1945 Stations

June 9. Under and W of Stubbs wharf, 0.6' Canad tide observed, not taken

June 12. Echachis Id. 0.4' tide. several seen on sheltered shore

1946

June 1. Wickenish. -0.2' tide. Sheltered side only, Field Ident.


June 27. Susan Bank, Masset 2.0' tide. Boulders. Field Ident. (2 only seen)

June 28. N of wharf at New Masset 0.7' tide. Boulders, Field Ident.

1945 stations
June 25-26. Rd. Id. 1.5 and 1.1' tide. Boulders. Saw several

1946 Queen Charl. Ident. No. 125

July 3. Lowest rks N of New Masset. 3 juv. Ident. No. 125
**Cyanoplax raymondi (Pilsbry)**

**NAME**

*P. l. raymondi* *P. l. raymondi*

**CLASS** Amphineura

**ORDER** Polyplacophora

**FAMILY** Lepidochitoniidae

**Berry, Ident. No. 1, May 1946**

**1946 ident. # 115**

**LOCALITY, STATION, DATE**

1945 stations

<table>
<thead>
<tr>
<th>Date</th>
<th>Location Description</th>
<th>Tide</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 6</td>
<td>outer shore 3.9' Canad tide horizon</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>June 12</td>
<td>Echachis Id. outer, surf swept 0.4'</td>
<td>3</td>
<td>with <em>Tonicella rubra</em></td>
</tr>
<tr>
<td>June 25-26</td>
<td>Round Id. S shore 1.5 and 1.1'</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>June 1</td>
<td>Wikininish Id. -0.2' tide</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>June 6</td>
<td>E of Clayoquot wharf 2.9' tide</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>June 9</td>
<td>do</td>
<td>6</td>
<td>5.0' tide</td>
</tr>
<tr>
<td>June 14</td>
<td>Kakawis 1.8' tide</td>
<td>19</td>
<td>mostly immature</td>
</tr>
<tr>
<td>July 17</td>
<td>S shore Stubbs</td>
<td>16</td>
<td>1.6' tide</td>
</tr>
</tbody>
</table>

**PBL SURVEY CARD. RED**

July 17. S shore Stubbs

Over 16 specimens 1.6' tide

Herald Printers
Our 1945 specimens were usually small and usually high up. Notes 6-5-45 as being highest up chiton (3.6') but mertensii was recorded later as 5.5 or 6.0'; and the very minute Echachis Island 6-12-45 specimens were very low (0.4' Canadian datum).

Looks like a small elongate dark-grayish I. maxima magdalenensis, sometimes mottled.

1946 Queen Charl. Ident. No. 125
June 26. Blhrs. S of New Masset, about 4.0' (above eel grass) prot. 3 spec.
June 27PM, boulders N of New Masset, midlevel (6.7') 3 spec.
June 30, Yakan Pt. Lowest tide, but these were several feet higher 6 spec. Blhrs semi.Prot.
July 1, Old Masset. Low prot. blhrs. 2 spec.
Katharina tunicata (Wood)  
CLASS Amphineura  
ORDER Polycladophora  
FAMILY Acanthochitonidae

EFR Field Identifications  
(DETERMINED BY, NUMBER, AND DATE)

LOCALITY, STATION, DATE

1945 stations
June 6, Clayoquot, south shore, 3.9' Canad tide, common, none taken
June 12, Echachis Ed., 0.4' Canad tide. Very abundant, none taken

1946 stations
June 23, Yakan Pt. 6.4' tide, boulders. Field Ident.
June 24, Masset, N of wharf 6.8' tide boulders
June 26, S of wharf at (new) Masset 4.0' 
June 27, N of wharf at New Masset 6.7' 

1945
June 5, Clayoquot wharf region, 3.6' tide, boulders, Field Ident. 

over
July 1. Old Masset. Lowest Rks. 2. I very tiny.
My notes also record this as very common along the channel rks
and (as I recall) wherever I collected in the Q C.
Lepidozona mertensii (Middendorff)

Class: Amphineura

Order: Polyplacophora

Berry, 1945 lot, Ident. No. 1, May '46

(FAMILY) Ischnochitonidae

Locality, Station, Date

1945 stations
June 25-26, S shore Rd Id., 1.5, 1.1' Canad tide 2 specimens
June 22, Stubbs Id near wharf, 5.5' 1, not typical
June 27, Deadman's Islets, 1.0' 2 specimens
June 30, Round Id., 1.9' 1 juvenile

1946 stations
May 30, Round Id. 0.5' tide 2

1946 Queen Chair. Sta. Ident. No. 125
June 27, WimbleRks-Susan Bk. Low tide. Prot. Bldrs. 1 specimen
Our 1945 specimens are mottled brick red. The scales are very noticeable with a lens. Usually low, but once recorded at 5.5.
Leptochiton cancellatus (Sowerby)

(NAME) NOT IN J.S., NOT IN KEEP

STANDARD REFERENCE

CLASS Amphineura

ORDER Polyplacophora

FAMILY Lepidopleuridae

Berry Ident No. 1 of 1945 lot, May '46 (DETERMINED BY, NUMBER, AND DATE)

LOCALITY, STATION, DATE

1945 stations

These are, apparently, the beasts I considered to be Callistochiton, June 25-26, S shore Round Island, 1.5, 1.1' tide Canadian datum, 2 specimens

PBL SURVEY CARD, RED

Q.C. IDS., W. COAST VANCE, ID.

Herald Printers
Hoplia ciliata wosnessenski (NAME) (von Midden.)

CLASS Amphineura
ORDER Polyplocophora
FAMILY Hopaliidae

Berry, 1946 ident. No. 125 (DETERMINED BY, NUMBER, AND DATE)

LOCALITY, STATION, DATE

June 23 '46. N of New Masset, lowest tide. Bldrs. shelt. 3 juv
June 29 '46 Airstrip E of Masset. Exp. Bldrs. 2
July 1 '46 Old Masset, lowest tide, shelt. bldrs. 1 juv
July 3 '46. N of New Masset. Lowest boulders 7 juv

PBL SURVEY CARD. RED
Herald Printers

Q. C. IDS., W. COAST VANCE. ID.
Mopalia ciliata (Sowerby)  

NAME  

CLASS Amphineura  

ORDER Polyplacophora  

STANDARD REFERENCE  

Berry, 1945 1°, Ident. No. 1, May '46  

FAMILY Mopaliidae  

DETERMINED BY, NUMBER, AND DATE  

LOCALITY, STATION, DATE  

1945 stations  

June 25-26, S shore Rd Id., 1.5, 1.1' Canad tide as "red Mopalia"  

2  

do, "cf ciliata"  

2 juv  

July 7, Quait Bay, 1.3' tide Canad (cf ciliata)  

1 juv.
Mopalia hindsii (Reeve)

CLASS Amphineura

ORDER Polyplacophora

FAMILY Mopaliidae

LOCALITY, STATION, DATE

1946 queen Charl. Ident. No. 125

PBL SURVEY CARD. RED
Herald Printers
Mopalia lignosa (Gould)

NAME

CLASS Amphineura

ORDER Polyplacophora

STANDARD REFERENCE

Berry Ident No 1 of 1945 specimens, May '46 Mopaliidae

FAMILY

DETERMINED BY, NUMBER, AND DATE

LOCALITY, STATION, DATE

1945 stations
June 9. Under and W of Stubbs wharf, 0.6' canad tide, 2
July 7, Quait Bay 1.8' canad. tide 2

1946 stations
June 2. Devil's Rk. 0.0' tide. 1 juv.
July 17. S shore Stubbs 1.6' tide 1

1946 Queen Charl. Sta. Ident. No. 125


PBL SURVEY CARD. RED

Herald Printers
Mopalia lignosa

July 1. Old Masset, prot. rks. Lowest. 4 spec.
July 2. S of New Masset, Prot. rks. Lowaxt 4 spec.
Mopalia muscosa (Gould)

**CLASS** Amphineura

**ORDER** Polyplacophora

**FAMILY** Mopaliidae

**LOCALITY, STATION, DATE**

1945 stations

June 6. Clayoquot, south shore, 3.9' Canadian tide, common, 2 specimens

June 12. Echachis 0.4' Canadian tide, several seen, prob. this sp.

July 4. Wreck (Florence) Bay, Long Beach, 4.5' Canadian 1 specimen

1946


1946 stations

June 14. Kakawis. Exposed etc., probably same as above. Berry Id. No. 113

June 24. **[Redacted]** N. of New Masset, prot. bldrs. highest chiton, mid tide. 1 spec.

**PUBL SURVEY CARD, RED**

Herald Printers

Q. C. IDS., W. COAST VANCE, ID.
Mopalia swanii Carpenter

CLASS Amphineura

ORDER Polyplacophora

1945 lot, Berry Ident. No. 1, May 1946

1946 lot. # 113

FAMILY Mopaliidae

(DETERMINED BY, NUMBER, AND DATE)

LOCALITY, STATION, DATE

1945 stations
June 8, E of Stubbs Id wharf. Clayoquot 1.3' Canad tide, 1 specimen
June 30, south shore Round Id " 1.9' " 2 "
July 7, Quait Bay 1.3' " 1 "

1946 stations
July 18. Tsapee Narrows. 1.9' tide. 7

1946 Queen Charl. Stations. Ident. No. 125
June 23, Yukon Pt. Med tide (6.4 PR) 1 spec.
July 2, S of New Passet. Prot. Rks. Low. 4 specimens

Q. C. IDS., W. COAST VANCE, ID.
Mopalia sp juv
(NAME)

CLASS Amphinurea

ORDER Polyplacophora

FAMILY Mopaliidae

Berry-Ident. No. 113
(DETERMINED BY, NUMBER, AND DATE)

LOCALITY, STATION, DATE

June 1, 1946 Wakininish Id -0.2' tide 1 juv.

PBL SURVEY CARD, RED

Q. C. IDS., W. COAST VANCE, ID.

Herald Printers
Mopalia 2nd new spec. to be named rickettsii Amphineura

CLASS

Polyplacophora

ORDER

Mopaliidae

FAMILY

LOCALITY, STATION, DATE

1946 Queen Charl. Sta. Ident. No. 125


PBL SURVEY CARD. RED

Q. C. IDS., W. COAST VANCE. ID.

Herald Printers
method for differentiating Feb 19, 1927

5 feet of R. C. + 10 feet I. D. I would expect
abundant "mossy"

scale in the "mossy"

The stiff and strong hair of Muscosa ("hairy") is distinctive.

It scale thin the "hairy"

ciliata has a definite spiny notch at the posterior end of the spire, i.e., the spire is the sculpture very evident.

eugnosa lacks this. Ciliaria eugnosa have very beautiful and obvious sculpture, there are a few hairs in the margin but mostly only, the mantle however is full of brown scales.

Swannii has a smooth very finely textured, "velvety" margin, the anterior plate has added peripheral sculpture.

Spiders in the dark.

But may be the

unwanted and unwise

beast.

Fuzzy, fluffy, fuzzy.

Almost anything.

Vilage in each cell.

Plausible much.

Don't read.

Dressed, seemed more.

And on.
<table>
<thead>
<tr>
<th><strong>NAME</strong></th>
<th>Mopalia new species</th>
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<tr>
<td><strong>CLASS</strong></td>
<td>Amphineura</td>
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<tr>
<td><strong>ORDER</strong></td>
<td>Polyplacophora</td>
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<tr>
<td><strong>FAMILY</strong></td>
<td>Mopaliidae</td>
</tr>
</tbody>
</table>

**Berry # 113**

**(DETERMINED BY, NUMBER, AND DATE)**

**LOCALITY, STATION, DATE**

May 30, 1946. Round Id. 0.5' tide 1 Berry Cat. #13013 a small Mopalia per attached photos

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**PBL SURVEY CARD, RED**

* Herald Printers

**Q. C. IDS., W. COAST VANCE, ID.**
Placiphyrellula velata Carpenter
CLASS Amphineura
ORDER Polyplacophora
1945 lot, Barry, Ident. No. 1, May 1946
FAMILY Mopaliidae

LOCALITY, STATION, DATE
1945 stations
June 8, E of Stubbs Id wharf, Clayoquot, 1.3' Canad tide, 2 specimens
June 10, W of " " 0.2' " several seen, 1 lg taken
June 27, Deadman's Islets 1.0' " 2 specimens
June 30, south shore Round Id 1.9' " 1 juv.
June 24-26, Rd. Id. 1.5 and 1.1' tide. Boulders, several seen

PBL SURVEY CARD. RED
Herald Printers
Toninella lineata Wood
(NAME)

CLASS Amphineura

ORDER Polyplacophora

FAMILY Lepidochitonidae

Berry Ident. No. #113 1946, 1945 lot

1946 ident. #113, w/125

(DETERMINED BY, NUMBER, AND DATE)

LOCALITY, STATION, DATE

1945 stations
June 8, E of Stubbs Id wharf, Clayoquot, 1.3' Canad tide, common, 1
June 12, Echachis Id., 0.4' tide Canad., Very abundant, large and brilliant 3
June 25-26 Round Id., S shore, 1.5 and 1.1' Canad tide 1 juv
June 9, Under and W of Stubbs wharf, 0.6' " " 2
July 7, Quait Bay, 1.3' tide Canad
June 22, Deadman's Islets, 1.0' " " 5
June 10, Clayoquot wharf region 0.2' tide, bould. Field Ident. abundant as usual

Q. C. IDS., W. COAST VANCE. ID.

Herald Printers
Unmistakable by its vivid colors, and particularly by the wavy or zig-zag lines. Mantle fine grained. All 1945 specimens were 1.5' (Canadian datum) tide level, or below.

1946 stations

May 30. Round Id. 0.5' tide, 1
June 1. Wikininish Id. -0.2' tide 10
June 2. Devil's Rk. 0.0' tide 1
June 5. SW shore Stubbs 2.0' tide 2
July 18. Tsapee Narrows 15

1945 Queen Charlottes. Berry No. 125
Yakan Pt. 6 specimens, Blors mid tide (6.4 PR) open coast
June 27. Wimble Rks-Susan Bank. Prot. Rks. very low 4 specimens
June 30. Yakan Pt. Lowest tide. Semi-prot rks 1 very small
July 1. Old Masset. Prot. Rks. 6 specimens
Tonicella rubra (Linne) 1758

CLASS           Amphineura

ORDER           Polyplacophora

STANDARD REFERENCE

Berry Ident No 1, of 1945 lot, May '46

FAMILY          Lepidochitonidae

DETERMINED BY, NUMBER, AND DATE

LOCALITY, STATION, DATE

1945 stations

June 12, Echachis Id. 0.4' tide Canad., with C. raymondi 2 juv
NAME: Tonicella submarmorea (Middendorff)

CLASS: Amphineura

ORDER: Polyplacophora

STANDARD REFERENCE:

1945 lot, Berry Ident No 1, May '46

FAMILY: Lepidochitonidae

DETERMINED BY, NUMBER, AND DATE:

LOCALITY, STATION, DATE:

1945 stations
July 7 Quait Bay, 1.3' tide Canadian datum 1 specimen

1946 Queen Charl. Sta. Ident. No. 125

Over
Q. C. IDS., W. COAST VANCE. ID.
Reddish, lacking the zig-zag lines of lineata, mantle very fine grained.