Manuscript
1122.

Original Invoices and other
Official Papers ✓
of the U. S. Exploring Expedition 1828-32

Official letters to Capt. Wilkes. A.

Original Invoices of Shells B.

Original Invoices of Miscellaneous
Specimens C

Original Invoices + Catalogues of
Geological and Mineralogical
Specimens D.

Official Letters to Capt. Wilkes
(mostly transmitting shipping-lists
of specimens)
also a few loose sheets from the pursuer's
account book.

U. S. Ship Peacock
Callao July 3. 1839—

Sir—

The Mineral specimens which have been collected, I have packed in 4 boxes labelled as stated in the accompanying Catalogue— They include in all about 700 specimens, which have been collected, with a few exceptions, since leaving Rio Janeiro—

I am Sir.

Very respectfully yours
James S. Dana

To

Capt. Charles Wilkes
Commanding U. S.

Exploring Expedition

List of Specimens
lith. accompanying &c
1839 & 40

U.S. Ship, Peacock, Callao.

July 3^d 1839

Sir

Enclosed is a list of Boxes, with their contents, comprising the Zoological & Ornithological collections of the Expedition, which have been packed carefully and marked to the care of Franklin Peale's Museum Philadelphia. They have all been sent on board the U.S. Ship, Relief at San Lorenzo.

Respectfully

J. R. Peale

Lieut. Corps
U.S. & Ex² Ex²

To

Capt. W. L. Hudson

U.S. Ship, Peacock.

U. S. Ship Peacock
Callao - July 3^d 1839 -

Sir

I herewith enclose a catalogue of the species of Crustacea which have been packed up agreeably to your orders for transportation by the Ship Relief to the United States. - The catalogue includes about 260 species. - They are packed in two breakers labelled respectively Crustacea Breaker No 1 & Crustacea Breaker No 2; - and in a tin box which is included with some Mineral specimens in a wooden box labelled Minerals & Crustacea Box No 4. The tin box includes the dried specimens, and as it is well soldered up it will be unnecessary that it should be opened on its arrival in the Country. -

Very Respectfully
James S. Dana

To
Capt. Charles Wilkes
Commanding U. S.
Exploring Expedition

Endorsed "List of Specimen Dec. '839"

American Ship Shepherdes
Sydney December 11. 1839.

Received from on board the U. S. Ship
Peacock Ten Boxes and Two Barrels under
the following Marks Ver

Four Boxes	Marked U. S. Exp. & Coral	No. 1. 2. 3 & 4
One Box	"	" Crustacea No 4
One "	"	" Philological
Three "	"	Mineralogical No 6. 7. 8
One Box	"	Anthological No 9
One Barrel	"	Nature Supplements No 6
One "	"	Shells. No. 5

All Marked Peacock

(S. J.) Charles Bush

U S Ship Peacock

Sydney Dec^r 21st 1839
To Charles Wilkes Esq

Commanding U S Exp^d: Expedⁿ.

Sir

Agreeable to your request, I
herewith send you all my drawings, and
sketches to the present date; they are en-
closed in package No 2 and are as

follows —

66	Sketches of Landscapes &c.
25	— — — Antarctic icebergs
17	— — — Ornithological
7	— — — Mammalogical
2	— — — Ichthyological
2	— — — Entomological

Total. 119

Package No 3 contains 3 note books

Respectfully

J R Peale

No 1. not given in
C.W.

Scout^e Corps.

J K Pease
Landscapes &c
Dec 1839

Sir

M.S. Ship Winney
Sydney Dec. 23 1839

The following is a list of Drawings and
Sketches packed in good order, in tin box marked
Drayton and Legate Department, containing Zoological,
Historical & Botanical plates only - viz -

Fish 69 plates 98 figures
Mollusca 103 plates 514 figures
Zoophy 70 plates 277 figures
Reptiles 18 plates 39 figures
Fish, Mollusca
etc 30 plates 77 figures
Botany 43 plates 190 figures
Insects 4 plates 20 figures
Butterflies 4 plates 8 figures
Birds 7 plates 15 figures
Heads 23 plates 25 figures
Historical
Sketches 77 plates
Histor. Sket^s
Officers 7 plates

In the second tin box
there are
27 plates of Head Land Sket^s
of New Zealand Society &c,
so marked on the bundle

Besides all the above,
a number of Zoological
Drawings, say about 150
plates have been retained
in order to have their
descriptions completed

Yours respectfully
J. Drayton

Legate
acting as Agent

Chas. Welles Esq
Com of Ex. Expedn

List of Drawing by
Mr Grayton sent to
the W States.

Dec 1839

Sydney, Dec. 25, 1859

Sir,

Mr Agate has just informed me you had not received my communication of Dec 19th in which I informed you that the specimens belonging to the Botanic Dept. of the Exploring Expedition were ready to be shipped &c. I enclose a copy of that letter, and a more detailed account will be found at foot.

I have received since writing that letter, a small collection of seeds from the Botanic Garden, which will be packed with the Tahitian, Samoan &c seeds and sent to the Secretary of the Navy, as directed by you.

Respectfully

Your ob. serv.

Wm. Rich

Chs. Wilkes Esq

Comd. U.S. Explor. S. S. V.

U. S. Ship Vincennes

(Copy)

M. J. Thick Peacock

Sydney, Dec 19. 1839

Sir,

I have the honor to report to you that all the specimens belonging to the Botanical Dept. of the Exploring Expedition are packed and ready to be shipped, they are contained in five boxes and one bundle marked No. 15 to 20 inclusive. A small box of seeds remains to be packed, it will probably be ready on Saturday. None of the boxes are sealed, if it is designed to do so, it can easily be done at the store of the consul where they are at present deposited.

Respectfully &c

Capt. W. L. Hudson

Wm Rich

M. J. Thick Peacock

Memorandum of Botanical Specimens
packed at Sydney Dec 19 1839 and sent to
W.S. per Sheperd.

No 15.

1 bundle	mosses &c	Orange Bay
3	"	Peruvian Plants
1	"	Matia or Suva Island
1	"	Ruvick Island
1	"	Disappointment Island
1	"	Hunder "
1	"	Clemonet Tournere.
1	"	Ravaka "
1	"	Prings "
1	"	Vincennes "
1	"	Water land "
1	"	Carlschaff "

No 16

6 bundles Tahiti Plants

No 17

1 bundle	Manna Island
1	" Emio "
3	" Javari "
1	" Tutuila "

No 18

3 bundles	Tutuila
5	" Apote

No 19

4 bundles Apote, some Tahiti sea,
mosses, Palm, tree fern, Pepper, Aristolochia
Stems, dried fruits &c and fungi —

No 20 Contains trunk of Tree fern and
small Palm from Nepal. —

all the packages are marked

" U.S. Exploring Expedition

Botanical Department

No ———— "

U.S. Bot. Department

Genl. & Lt. Expl. &c

Chas. Allen

U.S. Botanical
Department
Albany Jan 1859

Bay of Islands New Zealand
April 5th 1840

Received from the M. S. Ship Vincennes, on
board the Ship Lydia, myself Master, the following
boxes packages of Specimens, which I hereby
promise and agree to deliver to the Navy Agent
Boston, Mass. at his Office, free of expense
except the freight, at seventy five cents per square
foot, (the dangers of the Sea &c excepted) freight
payable in Boston, Contents unknown

Box U. S. Expl. Expedⁿ
Mineralogical Department Mr Dana.
No 19

" U. S. Expl. Expedⁿ
Ornithological Dept. Mr Peale.
No 14

" U. S. Explor. Expedⁿ
Ornithological Department Do
No 13

" U. S. Exploring Expedⁿ
Ornithological Dept. Do
No 16

" U. S. Exploring Expedition
Native Manufactures Mr Hale
of New Zealand
No 2

" U. S. Exploring Expedⁿ
Botanical Dept. Dr Rich
No 24

U. S. Ex. Ex.
Concological Dept
No 18

U. S. S. Vincennes

U. S. Ex. Ex.
Concological Dept
No 18

Mr Drayton

U. S. Ex. Ex.

Curiosities from different Islands in Polynesia

One Bundle Cont 20 Bows
do do " 4 Spears.

Chas. J. P. Malbone

Total 9 Boxes & 2 Bundles.

Also one small box packed covered
with canvas for Capt C Miller
Washington

Charles Ramsdell
Commander

Bills of Lading of
Spermaceti Oil
1848

U.S. Ship Vincennes
Honolulu March 26 1880

Respected Sir

Enclosed, is a catalogue of
all the boxes that were shipped from Oahu
per Lonsanne, for the United States.

The Catalogue of the names, numbers, and
localities of those shells collected on board
of this ship, were made out by Messrs Dayton
and Pickering —

The shells collected by the crew of the Porpoise
are described in a list, accompanying the other;
the localities of most of the shells I knew
nothing about, as there was no list furnished
me —

Very Respectfully,
Yours of Serv

Pro W. M. Dyer
apt to Se Capt

To
Chas. M. Dyer Esq
Comd'g U.S. Ship Vincennes

Catalogue of Shells &c
Shipped from Palermo
Decr 1840

To Charles Wilkes Esq.

Comdg U.S. Exploring Expedition.

Sir,

Agreeably to your order of the 13th inst., the undersigned have examined the collections of shells brought forwards by the Officers and Crew, and selected therefrom such as the Expedition required.

Lieut. Case's collection being formed with great care, and the specimens put up in packages, with the localities &c. marked; the undersigned have thought that the interests of the Expedition would be furthered, by leaving it untouched, for future reference in cases of doubt, when the work comes to be arranged for publication. We have accordingly made his list the groundwork in our selections, & have not perceived anything in the order contravening this arrangement. — For the few instances in which the number 100 is exceeded, it seems hardly worth while to break open the packages. —

The late Lieut. Underwood is known to have been equally careful in forming his Collections; but he had no opportunity of making a final arrangement of them before his decease. — We would further mention as worthy of special notice, a collection of minute shells formed at the Feejee Islands by Mr. Brackenridge; and also a collection of New Zealand Shells by the same.

The accompanying lists show the kinds and quantity of shells collected, principally since leaving New Zealand; with the name of the person affixed, from whom we received them.

Very respectfully

Yours Obt. Servts.

Charles Pickering.

Joseph Drayton } Comdg

U.S. Ship Vincennes.

at Sea, Aug. 28th 1840.

Honolulu, Oct. 20, 1840

Sir,

I have the honor to report to you that the specimens belonging to the Botanical Department of the Expedition are packed and ready for shipping; they are contained in six cases marked "U.S. Exploring Expedition. Botanical Department" No 25 to 30 inclusive -

No 25, contains 1 bundle N.S. Wales plants collected by Lieut. Emmons of the Peacock -

1 bundle from Lord Auckland's Island collected by Dr. Holmes of the Porpoise

3 bundles N. Zealand plants

3 do Tonga Tabu. "

No 26 Contains 8 bundles Fiji plants

No 27 " 5 " " "

" 1 " " sea weeds.

No 28 " 5 " " plants

" 1 " " by Dr. Holmes.

" 1 " ~~Barnes & Gardner's~~ ^{Kermans & Dunderb's} Islands.

No 29 " 7 " Fiji plants

" 1 " " St. Walker

" 1 " " Dr. Holmes.

No 30 contains sections of wood, dried fruits, &c. &c.

Respectfully
Yours Oct. 20th
Wm. Rich -

Charles Wilkes Esq

Comdr. U.S. Expl. Exped.

&c. &c.

John
List of Botanical
Specimens
Oct 1840

Charles Wilkes Esq
Commanding Officer
U.S. Exploring Expedition

Honolulu - Sandwich Island, Nov 28th
1840

Sir

I have the honour to report to you that I have this day put on board the Ship L'ansanne - a case of Plants from the Fiji Islands - in good order & marked with seed numbers corresponding to the following list -

No 1 *Epidendron* species. — 2 plants

2 *Santalum* Sp. (Sandal-wood) —

3 *Xylophyllum* Sp. — 2 plants,

4 *Terminalia* Sp. — 2 plants,

5 *Carica* Papaya,

6 *Gerbera parviflora* — 2 plants,

7 " Sp.

8 *Catisetum* Sp.

9 *Hernandia* Sonora,

10 *Ixora* Sp.

11 *Dioscorea* Sp. Fiji Sweet-Potatoe — 2 plants.

12 *Solanum* Sp. Fiji Tomato — 3 plants.

13 *Passiflora* Sp. — 2 plants

14 *Maurantia arundinacea*

15 *Turmeric* —

With several sorts of seeds not yet germinated.

I Am Sir

Your Obedt. Servant

Wm. L. Dracpermidge

Apt. Botanist.

To Charles Wilkes Esq
Commanding U.S. Ex. Expedition

To) Charles Wilkes Esq
Comdr of U. S. Expedition

East of March
in our light
the Wilkes

1840

1839
List of specimens

Recd from C. Wilkes Esq.
Oct. 14th 1842
(C.P.)

Dr

Capt Wilkes in account

1828

Aug 14

Lo. 1 Copper Bigger 2 25

" 1 Sugar & Cream Pot 4 50

" 1 Tea pot 3 50

" 1 Box Soap (Shaving) 1 00

" 1 Set Salt Spoons 1 00

12 25

" " H. B. Chandler's Bill

" 3 Hf Bbls Flour 15 88

" Marketing 2 50

" Freight Flour in O. Dominion 1 00

" 1 Mandet Basket 1 00

20 38

" 3 Pigs @ \$2.50 prof^{ts} Goat 2.50

9 50

42 13

This account book was found
by the undersigned inside a Fijian Basket
when registering the same in the Smithsonian
Catalogue Feb 27 1867 E. Forner

in account with A. E. Johnson

\$

1898

Aug 21

By credit on Pusey Books

8 00

J^r

W. H. Reynolds (Carter Stinson Mass)

1898.

Aug 10 H. Cash

\$ 00

" 1 Sheep

4 00

8 00

with R. E. Johnson

6²⁵/₁₀₀

1898

Aug

21

By Credit on Paines Book

15.00

Dr

Wm M Walker in account

1828.

June	"	20	Cash \$5. To 10.00 To 10.00	25 00
"	"		Cash (Bot. Baltimore)	1 80
"	"		Proportion Mess Expenses 1 st month	26 00
"	"		Paid, cash to Uttermahl	3 00
"	"		prop ^r : Room Rent 2 nd month	
"	"		deduct, money paid on 1 st month	1 00
July	"		prop ^r : Hire Bureau & Table 2 nd mo.	" 75
"	"		for Porter (Groom's Bill) 2 nd mo.	1 88
"	"		paid Buttry Gaiters	1 00
Aug	"		for Looking Glass	6 50
"	"		" " " " " "	15 00
"	"		" " " " " " " " " "	7 53

with R. E. Johnson

C^c₁₁

1838

Aug

21

By

Credit on Parker's Books

26 00

J₇

L. Hayton in account

1898.

Aug 11

To. 4 Silver Forks

15 00

with R. E. Johnson

Br

By	Cash cloth cap	2 50
"	" Table Linen	45 00

47 50

"	Balance ch ^g & Books	10 88
---	---------------------------------	-------

"	"	10 00
---	---	-------

71 38

Jr

W Pickering in Account

1838

Aug 11

To 1 Litt Silver

26 00

with R. C. Johnson

Dec

Jr

L P Conthony in Account

1838

July 26	To.	10 Gall. Brandy	26 00
Aug 14	"	1 Silver Case	8 88
"	"	6 pairs Silver	17 50
"	"	2 Small Forks (N York)	6 00
"	"		<hr/> 58 38
"	"	Cash for Travel to & fr. Boston	13 00
			<hr/> 71 38

with R. E. Johnson

By

1898

Aug	21	By	Cash	10 00	
June	28	"	Cash (in Gold)	100 00	
"	"	"	Check (at Carville)	103 86	
July	"	"	" (Sent from New York)	200 00	
"	"	"	" (Given at Scoville's)	275 00	
"	"	"	" (Paid of \$285.00 Check)	34 15	
"	"	"	" (on bond Steam Boat)	1000 00	
Aug	"	"	" (from Spencer)	122 50	
"	"	"	" (do do)	226 00	
"	"	"	Cash for Johnson's Bill	798 43	
"	"	"	" in specie (on bond)	105 00	
"	"	"	" for Scoville's Bill	108 00	
"	"	"	" Neander's Bill	332 28	
"	"	"	" Balance then Acct _a	14 18	3430 40

3430 40

1898

Aug

By Balance
" Bill to Mr

960 19

10 50

970 69

J_r L. L. Elliot in account

with N. E. L. & Son

6[¢]

By 6[¢] on Purser's Books

18 00

Dr

R R Wadron in account.

1838.

Aug	"	To 6 Mattresses	15 00
"	"	" 1 Silver Fork	5 00
"	"	" 1 P ^r Bundle Sticks	1 50
"	"	" Bill Flow (Capt. Hudson)	15 87
"	"	" Freight on Flow (in 1 Box)	" 50
"	21	" Amt ^l Chg ^d W. L. Manry	10 25
"	"	" " " J. H. North	11 50
"	"	" " " L. Gilchrist	18 00
"	"	" " " J. P. Conthony	10 88
"	"	" " " C. Pickering	26 00
"	"	" " " Jos ^h Grayton	15 00
"	"	" " " W. Heywood (Sting. Man)	8 00
"	"	" " " L. Adams Jr	11 00
"	"	" " " Capt. Smith	42 13
"	"	Cash Paid Ward Room Miss	14 18

23		Amt ^l Miss bill chg ^d Y. T. Coan	210 00
"	"	" " " O. Carr	165 50
"	"	" " " L. Adams	210 00
"	"	" " " W. L. Manry	210 00
"	"	" " " L. H. North	210 00
"	"	" " " E. Gilchrist	210 00
"	"	" " " R R Wadron	210 00
"	"	" " " J. P. Conthony	210 50
"	"	" " " C. Pickering	210 50
"	"	" " " L. Grayton	210 00
"	"	" " " J. L. Elliot	210 00
"	"	" " " R E Johnson	210 00
			2470 31
			960 19
			<u>3430 40</u>

V/a

1838

Aug To Am^l Receipts for in Book
 Aug 21 1838
 990 69

with R L Johnson

B¹/₁₁

" " By Credit on Purser's Books

11 50

Dr

E Gilchrist, in account

1898

Aug

"

To 1. Remittance

7 50

" Cash at Hygiene Hotel,

2 50

" 2 Silver Forks & 1 Spoon

8 00

18 00

with A E Johnson

C^h

" " By Cash C^h Penns Brook

10 25

Jr L. H. North in account

1898

Aug

11

To. 2 Silver Fish & Spoons

11 50

with R. E. Johnson

Co.

By Cash 2.00
" Credit on Pensions Books 11 06

13 06

Dr

W. L. Mearns in Account

1838

Aug

11

To 1 Buffalo Rob

6 00

" " 1 Small Fork & Spoon

4 25

10 25

with R. E. Johnson Co.

By Cash (in Washington)	100 00	
" " P ^d Biddle -	20 00	
" " " Nailor	8 00	
" " " Worraly	3 00	
" " " Washburn	2 00	
		133 00
" " " on acct Craven	5 00	<u>5 00</u>
		138 00

138 00

J₇

James Alden in Account

1898.					folly	ch-
July	26	To.	10 Gall. O. Whiskey		8	75-
Aug	14		Freight on Boxes	1	91	
"	"		Cash from Bag	- -	<u>3 00</u>	
					4	31
						<u>13 06</u>

with R. E. Johnson

C²

1838.

Aug 15	By	banking	60 00	}	63 00
"	"	Cash (w ² Reg ² at 0.01)	3 00

with R E Johnson

C^o

1838

Aug 22

By Credit on Purser's Book

42 13

Jr T. T. Craven in account

1838.

Aug	"	To 1. vocabulary	.	7 94
"	"	" 2. Simon Forks	6 50	}
"	"	" cash paid bar	5 00	
			- -	11 50
				19 44
"	"	cash		43 56
			-	63 00

Original Invoices of Shells
1839 - 1840

B.

Tests of Shells of the Fiji Islands Packed up & ready to be sent home

Collected at Labukca, Island of
Ovaloa — Barrel marked
Salt Water Shells
Fiji Isld.

40 Cerethium
10 Purpura
145 Turbo
180 Cones
14 Trochus
16 Pterebra
3 Triton
930 Matia
38 Cardium
3 Ovula
18 Cyprina
85 Bulla
555 Oliva
3 Oyster Hammer
8 Pectons
16 Strombs
6 Large Triton
6 do — do filled with numerous
Small Shells say 1000
7 Large Strombus
2 do Murex
1 do Capis
4 do Trochus
2 Triton
2 Purpura
100 Small Haliotis
60 More Oliva
a large quantity of small
Bivalves, & Univalve shells
Say in all 3000

Collected at Labukca

Barrel Marked

Salt Water Shells Labukca No 2

108 Large Trochus
2 Large Tridacna
192 Cones several sp.
30 Cyprina " sp.
45 Matia
162 Turbo large & small
140 Small & large Trochus, Murex,
Purpura Triton &c.
42 Cerethium
8 Large Strombs
7 Ovula
4 Fusus
Many kinds of Bivalves & Uni-
valves, some very small 300
30 Large Trochus
30 " Cerethium

25 Large Purpura
150 Small Turbo, Trochus, purpura &c
&c &c

Collected at Labukca

Barrel Marked

Salt & fresh water Shells Labukca Fiji
No 3

3 Large Tritons in which are
250 Scaphites — Land Shells
45 Cones 4 sp.
65 Trochus large & small
20 Cones
15 Purpura
15 Cerethium
1 Very large Cone
30 Turbo
1 Fusus large
1 Murex do
2 Strombus do
1 Dolium do

Fine Shells in same barrel

37 Pterebra
20 Mitre
121 Bivalves, viz Cardium, Pecten,
Cyrenas &c &c
20 Bulla large
150 Oliva several sp.
20 Cones large sev. sp.
149 Cyprina sev. sp.
5 Cyrena
95 Murex from Pinna lagoon or
big land
4 Murex 2 sp.
2 Mytilus large filled with
numerous orange alina, cones
500
27 Bulla
3 fine Strombs
2 Triton
6 Turbos
25 Oliva
45 Strombs, Cyprina &c &c

Collected at Lebukea
Box Marked
Land & River Shells Fiji p. 2
No 1

- A large quantity of River Shells
Fresh Water for 5 species 5000
275 Bulimus, white kind
185 Melix large kind
35 do do line ones
about 1200 Very small
Cyclostoma from big land
2 Bulimus beautiful kind
2 Melix small species
28 Unio Big land
41 Unio - different spec.

Collected at Lebukea
Box Marked
Salt Water Shells Fiji p. 2
No 2

This box is packed up in bar No 4.

- 200 Rocher or Fusus, full of spines
9 Murels from big land
2 Spondulus &
Numerous small Univalves
and bivalve shells
35 Small Drebba beautiful
25 Orange Oliva
14 Spirula
2 Natica large
1 Triton small beautiful
1 Cypraea " "
17 Conus &
30 Nassa
2 Natica
3 Spondulus -

Collected at Lebukea
Barrel Marked
Salt Water Shells Lebukea Fiji p. 3
No 4

This barrel contains Box No 2 -

- 21 Orange Corvies
50 Nassa
9 Cypraea lignis
1 do Nassa
1 do orange black mouth

- 1 Spondulus scarlet color the
kind Natives wear round the
necks, opposite valves but
do not match
2 Strombus Diana
1 Volute
1 Cypraea black mouth
2 Fusus
1 Valve curious Tridacna
5 Trochus large perfect the
kind & have drawn
1 Cassis
One paper of small shells from
 dredge say 100
575 Oliva 4 spec.
1 Pinna large
300 Patella inside the Diana
22 Oliva fine 4 spec.
3 Venus
2 Cardium
1 Mitre large
6 Drebba
3 Strombus
36 Buccinum
8 Tritons small
110 Natica small white
112 Cypraea 6 spec.
16 Ovula white
14 Turbo
2 Strombus
1 Natica large
13 Dolium
quantity of univalves & bivalves 300

Collected at Lebukea Fiji
Barrel Marked
Salt Water Shells Fiji p. 3
No 5

- 7 Tridacna large
3 Murex "
3 Nassa "
3 Triton "
4 Strombus "
59 Trochus
14 Purpura
25 Drebba 4 spec.
22 Bishop's Mitre
4 Helix
25 Littorina
1 Cassis
5 Spondulus
300 Large & small Bivalves
2 Fusus
54 Neritina

Barrel No 6
Salt Water Shells collected by Mr. Case

Collected at Lebukea
Box Marked
Fiji Shells No 3

- 66 Cypraea sev. sp.
891 Black olives
135 Yellow mottled do
256 Cones sev. sp.
78 Small Strombs
140 Buccinum
75 Bulla
575 Neritina
400 Nassa 2 sp.
8 Nautilus Fiji
26 Unio fresh water
10 Chitons
75 Large & Small Turbo's
8 Bulimus

Bot. from the Lionides Capt.
Egliston
Collected at Marley big land
Box Marked

Fiji Shells Midway No 4

- 2 Capis large beautiful
12 Cones " sev. sp.
228 Cypraea sev. sp.
112 Bishop Mitres
146 Dercbras 3 sp.
165 Oliva 2 sp.
131 Small Cones 4 sp.
123 Cerethium small
39 Murex "
69 Mitres Neritina's
5 Murex beautiful
31 Large Strombus
8 Spondular
20 Trochus
75 Litovina small
11 Unio black
170 Melania carronate
60 do long spiral
34 Bivalves most of them
Pectunculus
25 Small Trochus tr.

Mr Hale Philot 14 }
West Mid Island 18 } sand
Chaplin Elliot 11 } shells

From the Lionides
Collected at Marley big land
Box Marked
Fiji Shells from Midway No 5

- 230 Dercbras 3 kinds
56 Cerethium
165 Bishop Mitres
255 Cones 4 sp.
143 Olivas
59 Cypraea sev. sp.

Tonga Taboo Shells
Collected at Tonga Taboo
Box Marked

Tonga Taboo Shells I No 20

- 8 Murex
3 Large Triton
6 Brachyena
8 Dercbra
8 Cardium
59 Bivalves
12 Strombus
15 Cones
9 Cerethium 2 sp.
7 Natica's
9 Small Strombs
7 do Turbo's
12 Buccinum
10 Cypraea
2 Purpura
2 Ampularia small
4 Trochus
13 Oliva

In addition to what I have collected
We are indebted to Dr. J. Fox,
Lieut. Case, Underwood, Purser
Waldron, Dr. Whittle & Midway.
Elliott,
Dr. Fox, and Purser Waldron,
have much mention in collect-
ing many of the gone going species.
To Lieut. Allen we are
indebted for collecting 11 of our
best Harpae's, & to Dr. Mid-
way for shells from the Ant-
pennia.

Joseph D. Dryton

By an order issued on the 13th inst. by the Commandant of the Expedition, to the officers and crew, to send in all shells collected by them, and appointing Doctor Pickering & J. D. Drayton a Committee to receive and select from, such as the expedition want; the following lists are those selected, with the names of the gentlemen affixed

Collected by, Acting Master
De Haven Fiji Is.

Box Marked
Fiji & other land & River shells
No 6

- 30 Rocher (spines)
11 Mitris
2 Zerebras
100 Cerithium
9 Trochus
83 Conus
93 Cyprina
160 Oliva
115 Natica
12 Strombus
3 Murx
4 Nautilus
50 Haliotis
24 Bulimus 2 kinds
6 Melix
50 Turbo
10 Bulla
5 Ovula
2 Cassis
Small Univalves & Bivalves
2100
In same box are the following
shells, Dr Pickering & J. D. Drayton
- 1 Triton
1 Bulla
1 Nautilus
1 Haliotis
2 Harpa
58 Oliva
1 Volute
13 Bulimus var. New Zealand
24 Neritina white
2 Unio
2 Stromb.
10 Bulimus
3 Dolium
20 Cyprina
5 Cassis
2 Conus
3 Mitris
13 Zerebra 10 Rocher
40 River shells

150: Good shells of the foregoing
list were collected by
Past. M^r. Totten who gave
us shells from the Apokone
Island &c. some time ago

Collected by Dr. Whittell
from Fiji Islands

Box Marked
Fiji Shells fine No 10
Shells for Sweet. V. Carr. is in this box

- 2 Venus Fiji
2 Triton "
2 Cyprina arabica "
4 Haliotis "
2 Dolium "
2 Cyprina Lynx "
2 " new "
3 " "
4 Patella "
10 Mitris new "
1 Strombus Diana "
1 Cassis "
4 Buccinum "
7 Natica "
8 Neritina "
1 Oliva "
6 Zerebra "
2 Solanum "
50 Spirula "
2 Triton rare "
3 Navicella "
4 Bulla 2 sp. "
8 Turbo small "
5 Bivalves "
1 Pearl oyster "
3 Dolium Pindix "
1 large Strombus "
4 Tritons & Conus "
2 Murx 2 Strombus "
1 Ovula 1 Cyprina Neppha "
2 Cyprina alba 1 Red Triton "
1 Mitris 4 Purpura "
2 Orange Corvies 2 Volute "
1 Pecten 1 Cyprina Murchisoni "
1 Cyprina Dalpa 1 Sc. Nois "

List of Shells in Box A

1	Triton - variegatum	Stakeite
4	do - small	Emeg
68	Turbo imperial	} from Dr Fox, Tutuilla
4	Cone	
89	Strombus	
182	Turbo imperial	dg
17	Cone	dg
40	Cypria moratuma	Lf Underwood, Tutuilla
5	Venus	dg
13	Cypria Tiger	dg
70	dg moratuma	dg
20	Pebrun	dg
4	Strombus	
2	Pagoda	

List of Shells in Box B

1	Callis Rufa	mid Elliot	Stakeite
6	Murex stans		Emeg
4	Strombus lentiginosus	Mr Smith	Stakeite
1	Venus reticulata		Upolu
3	Conus vigo		Stakeite
4	Tridacna rustica		Upolu
1	Cythera picta var		Tutuilla
6	Tanguinolana pygmaea		"
4	dg	dg	Upolu
1	Lithodomo	Tutuillensis	
15	Pterocera	curvata	Emeg
12	Tridacna	Synamora	"
8	Trochus	(granular)	Upolu
1	Basket contg	Stentis & Turbo	Tutuilla
1	"	"	Upolu
1	Tridacna	Synamora (grand)	Mr Blum, Tutuilla
2	"	"	Upolu
1	Basket contg	2 lots of White Corals	

Shells in Box No 1

Cabin for Pomotee house

- 199 Conry's white
 4 Cone
 92 Lyncithea
 77 Olive
 89 Perobro
 3 Harpes upolu
 25 Calliz canelliz
 6 Conus geographicus
 8 Dolina pomam
 23 Strombus
 2 Cyprina amora
 12 Triton piluse . large & small
 13 Buccinum
 2 Pupa Hysterix
 8 Strombus (grand)
 2 Cone. Regite
 2 Cyprina manitox (grand)
 3 young Calliz Rupa
 2 Strombus aurum Diang
 2 Perobro Demioto
 2 Mitre
 2 Turbo argostomus
 2 do Petiolatus
 7 do Imperial
 10 Cyprina Manitox . (small)
 1 Dolina Peridip
 100 Cyprina Talpa
 a bag of Pecten Patuman
 12 Trochus fm Valparaiso done up in small bundles. fm Lf Case
 8 Monoceros do
 4 Turbo do
 4 Triton Luba Callao
 5 Ranella verticilla Callao
 2 Pupa do
 2 Natica do
 1 small box contg Megalopora fm Rio de Janeiro

Shells in Box No 2 from Pomote Group Cabri

18 Callis Rufa from disappointment Island
 3 Triton Lampyris
 7 " Variegatum
 18 Cyprina tiger
 25 " Minutaria
 100 " Galpa
 8 Strella Waterland
 2 Cone (small)
 6 Siderona Dynamora
 100 Cyprina (small)

Shells in Box No 3 Pomote Group

1 Spondylus (grand)
 1 Siderona Dynamora Eueg
 2 Pterocera tamsata
 5 Triton variegatum (grand)

July 21st 1839
J. M. Smith

No of Package | Contents | Locality

No of Pack | Contents | Locality

71	1 - 2 Cones	Fiji.
72	130 Scaevias	"
73	6 (large) Cerithium	"
74	12 Strombus	"
75	4 Cypraea Nappa	"
"	2 " Talpa	"
76	2 Strombus (smaller)	"
77	15 Olivas	"
"	1 Terebra	"
78	100 small Bivalves.	"
"	Venus & Donax	"
79	3 Venus	"
80	13 Cones (5 spe)	"
81	21 Cypraea (5 spec)	"
"	16 Natica	"
"	1 Triton	"
"	75 Melampus	"
82	3 Turbo	"
"	3 Purpura	"
"	6 small Cones	"
83	40 White Natica	"
84	8 Turbo	"
"	1 Trochus	"
85	20 Cones (7 spec)	"
86	15 large White Natica	"
"	37 small - banded	"
"	1 small Chryseus	"
"	1 Nautilus	"
87	1 Triton	"
"	4 Strombus (2 spe)	"
"	2 Cerithium	"
"	1 Purpura	"
"	1 Spondylus	"
88	16 Terebra	"
89	37 Cones (65 spe)	"
90	1 large Triton	"
"	37 Helix (oolon m ³)	"
91	7 Turbo (2 spe)	"
92	45 Haliotis (oolon)	"
93	16 Cardium	"
"	6 Venus (5 spe)	"
94	70 Olivas (3 spe)	"
95	94 Nerita	"
96	2 Mactra	"
"	5 Venus (3 spe)	"
97	14 Bulla (3 spe)	"
98	36 Cones (6 spe)	"

29	12 Cardium	Fiji.
"	6 Venus (3 spe)	"
30	3 Cones	"
"	3 Natica	"
31	4 Turbo	"
"	30 small red Olivas	"
32	1 large Triton	"
"	28 White Bulla (oolon m ³)	"
33	5 Cones (3 spe)	"
34	10 large Olivas (banded)	"
35	4 Trochus	"
"	13 Cerithium (4 spe)	"
"	9 Strombus (3 spe)	"
"	28 Nassa - (4 spe)	"
"	10 Natica - (2 spe)	"
"	2 Murex	"
36	2 Mitras	"
37	6 Turbo	"
"	2 Trochus	"
"	3 Cones	"
38	6 Mitras	"
"	34 Nassa	"
39	1 Triton (large)	"
"	30 Bivalves (3 spe)	"
40	4 Purpura (3 spe)	"
"	2 Murex	"
41	3 Solen (large)	"
"	22 Bulla	"
"	36 Helix (2 spe)	"
"	5 Natica (2 spe)	"
"	1 Tellina	"
42	6 large Cerithium	"
43	1 Triton (small)	"
"	3 Purpura	"
"	2 Cones	"
"	7 Strombus (2 spe)	"
"	9 Turbo	"
"	6 Trochus (2 spe)	"
"	1 Purus	"
44	1 Pearl Oyster	"
45	1 Purus	"
"	20 Nerita	"
46	16 Turbo	"
47	18 Cones (7 spe)	"
48	4 Mitras	"
49	4 Trochus	"
50	6 Valata	Molluscs
51	1 Terebra granulata	Tabiti
"	2 Cassis Brinaceus	"
"	1 Strombus Sama	"

N ^o of Packag	Contents	Locality
52	6 Cypraea Talpa	Tahiti
"	6 " Canneola	"
53	5 " " Talpa	"
"	4 " " Arinosa	"
"	6 " " Canneola	"
54	10 " " " "	"
"	7 " " Ligny	"
"	3 " " Arinosa	"
"	1 " " Frossa	"
55	4 Trochus pumectans	"
"	11 Bulimi	"
56	10 Cerithium	Tongataboo
57	50 Neritina	Opolee
58	3 Cones (2 she)	"
59	4 Olivus	Fajus
"	1 Bivalve	"
60	6 fresh water shells	N Zealand
61	10 Ovula	Tongataboo
62	1 Cone	"
63	2 " "	"
64	3 species of Bivalves	"
65	4 Venus	"
66	2 Tellina	"
67	2 " "	"
68	6 Fusus	"
69	1 Cone	"
70	8 Harpa	"
71	2 Cardium	"
72	3 Natica (3 she)	"
73	6 Dolium	"
74	1 Cone	"
75	8 Unios	N Zealand
76	2 Bulimus	"
77	3 Cones	"
"	1 Natica	"
78	3 Area	Tongataboo
"	5 Venus	"
"	4 Dolium	"
"	2 Natica	"
"	4 Cones	"
"	1 Strombus	"
79	1 Cardium	"
80	4 Patella	Bellinghousen I.
81	6 Venus	Tongataboo
82	12 Mixed Neritina	Opolee
83	2 Patella	Sidney (N.S.W.)
84	2 Bulimus	Andes (S.A.)
"	1 " "	Opolee
"	2 Helix	"
"	7 Natica	"

N ^o	Contents	Locality
85	5 Voluta (3 she)	Molluccas
86	5 " "	"
87	20 Bulla	Tongataboo
88	2 Strutholana	N Zealand
89	2 Sater	Tutuilla
90	2 " "	Tongataboo
91	40 Chelona	Peru
92	2 Venus	Tongataboo
93	1 Nautilus	Timor
"	200 Neritina (3 she)	Fajus
"	70 Melania (3 she)	"
"	8 Bulimus	"
94	4 Nassaa	Tutuilla
"	6 Nerita	"
95	1 Harp	N Zealand
96	6 Venus	"
"	2 Nerita	"
"	2 Patella	"
"	3 Purpura	"
97	4 Helix (2 she)	Molluccas
"	3 Cypraea bellina	Tutuilla
"	2 Turbo	Tierra del Fuego
"	4 small shells	"
98	12 Fusus	N Zealand
"	2 Trochus	"
"	10 Turbo	"
"	3 not known	"
99	3 Bulla & a	Fajus
"	Quantity of small shells	"
100	20 Unio	"
"	3 Area (2 she)	"
"	8 Murex	"
"	11 Cypraea (4 she)	"
"	5 Strombus	"
"	56 Olivus (2 she)	"
"	2 Turbo	"
"	3 Purpura (3 she)	"
"	1 Fusus	"
101	21 Spinea Murex	"
"	100 small Olivus	"
"	1 Triton	"
"	1 Cerithium	"
102	19 Venus (2 she)	Tongataboo
"	60 Patella (3 she)	"
"	2 Cerithium	"
"	2 Murex (2 she)	"
"	6 Strombi	"
"	6 Trochus	"
"	1 Area	"
"	1 Natica	"
"	4 Not known	"

No.	Contents	Locality
103	22 Turbs	Tutuilla
"	24 Delphinula	"
"	12 Cypraea (2 sp.)	"
"	8 Strombi (2 sp.)	"
"	6 Olivas	"
"	10 Nerita polita	"
"	1 Cone	"
"	31 Venus (2 sp.)	"
"	4 Pecten	Coast of Patagonia
<u>2601</u>		

Isore Shells.

No.	Name	Locality
4	Cassis luge	Molluccas
5	Cypraea Tigris	Fiji
3	" Mappa	"
8	Ovula ovissinus	"
15	Olivas	"
7	"	Tongatabu
1	Venus	"
1	Anca	"
2	Strombi	"
5	Cardium	Fiji
1	Cypraea Testudinaria	"
4	Histio	"
1	Fusus	"
13	large Trochus	"
3	Mutras	"
14	Cypraea Tigris	Fiji
5	"	Tongatabu
2	"	Tahiti
15	Ovula ovissinus	Tonga
1	"	Molluccas
1	Cypraea Talpa	Tongatabu
1	" (rare)	"
1	Anatica	"
2	Histio	"
3	"	"
1	Mauritania	"
1	Mappa	"
1	"	"
1	Tridacna	Fiji
1	Cardium bellid mth	"
Small shells		
1	Venus	Tonga
1	large Pinna	Fiji

No	Name	Locality
3	Triton	Tongatabu
2	Murex	NW Coast
13	Olivas	Tongatabu
3	Murex	"
1	Triton	"
3	Strombi (3 sp.)	Molluccas
4	" (2 sp.)	Varao
1	Cypraea Tigris (large)	"
1	Spined Pinna	Fiji
1	Fusus	"
1	Spondylus	"
1	Murex	California
1	Triton	Fiji
7	Venus (4 species)	"
2	"	Callao
5	Cardium	Fiji
3	Strombi	"
3	Trochi	"
8	Murex	"
1	Mytilus	"
1	Turbo	Varao
1	Murex	"
2	"	NW Coast
5	Ovula	Molluccas
8	Cypraea mauritania	Navigation
8	" Tigris	Fiji
2	Strombi	not known

213 =
2601
2814 whole number of shells
 in Barrel.

A. S. D. Bowdler

Catalogue of Shells in Box -
No. 7.

marked

Gift of other shells No. 10

No. Package	Contents	Locality	No. Package	Contents	Locality
106	= 39 Olivas - (3 spe)	Molluccas	142	= 2 Turbo	N Zealand
107	= 6 Purpura		"	= 3 not known	
108	= 26 Strutholana crenulata	N Zealand	146	= 6 Pholad	
109	= 8 Ostrea		"	= 4 Saxicava	
110	= 5 Terebra	Tutuilla	147	= 1 Terebratula rosa	
111	= 7 Nuis	N Zealand	"	= 8 small shells	
"	= 1 not known		148	= 2 Turbo	Tutuilla
112	= 3 Trochi - (2 spe)	Molluccas	144	= 40 small shells	
"	= 2 Turbo		145	= 9 small shells	
113	= 12 Terebra	Tutuilla	148	= 4 Cerithium	Molluccas
114	= 7 " "		149	= 5 Cassis	
115	= 400 Cypraea Annulus		150	= 2 Trochus	Vincennes I
118	= 4 Bivalves		151	= 4 Purpura	Clement Town
116	= 1 Echinus	Bellinghamsent	152	= 40 Neritina	Opole
117	= 19 Cypraea	Molluccas	153	= 12 Helix	
119	= 12 Haliotis		154	= 8 Neritina	
122	= 5 Olivas (2 spe)		155	= 6 Helix	
123	= 2 Delphinula lineolata	pin	156	= 6 small Neritina	
127	= 2 Troche		157	= 4 patella	N Zealand
"	= 2 Cypraea		"	= 4 Modiola	
"	= 1 cone		158	= 2 Mites	Tutuilla
"	= 2 Strombi		163	= 10 Nassa	
120	= 18 Cypraea	Tahiti	159	= 6 Turbo	Valparaiso
121	= 14 " (3 spe)		160	= 4 Monoceros	Orange Bay
124	= 2 Strutholana	N Zealand	161	= 12 Patella	
125	= 50 Venus	Tutuilla	162	= 2 Trochi	N.S. Wales
128	= 3 Terebra		164	= 16 Neritina	Feje
129	= 4 Conus	Molluccas	"	= 6 Melania	
130	= 12 Strombi (figas)	Tutuilla	"	= 4 Bulla	
135	= 6 Tellina		"	= 2 black Neritina	
133	= 8 Cypraea		"	= 1 Triton	
"	= 1 Cassis		"	= 1 Cone	
137	= 4 Nerita		"	= 4 Helix	
138	= 2 Terebra		"	= 8 Patella	
"	= 2 Conus		"	= 2 Arca	
131	= 6 Chitons	Peru	"	= 12 Bulimi	
132	= 1 Triton	N Holland	"	= 2 Monoceros	Vacas
"	= 20 fresh water shells	N Zealand	"	= 3 Cypraea moneta	
134	= 4 Patella	Orange Bay	"	= 1 Neritina	Timon
136	= 2 Bivalves	N Zealand	165	= 1 Neritina umbilicus	
139	= 2 Cerithium	Raraka	"	= 6 Neritina	Feje
140	= 14 Helix	Opole	"	= 14 Melania (3 spe)	
141	= 4 small shells for	Callao	"	= 2 Aricula	
	bridge		"	= 2 Venus	
			"	= 2 Patella	
			"	= 1 Murex	
			"	= 5 Nuis	
			"	= 8 Isthodonta	
			"	= 1 Pelana	
			"	= 4 Purpura	

No.	Contents	Locality
166	1 Nautilus	Timor
"	4 Lithothamnium	Fiji
"	2 Peripora	
"	4 Strombi	
"	8 Venus	
"	2 Fusus	
"	5 Patella	
"	1 cone	
167	20 Chitons	Callao
168	1 Nautilus	Timor
"	3 Cone	Fiji
"	8 Cerithium	
"	6 Olivas	
"	4 Strombi	
"	6 Terebra	
"	2 Murex	
"	2 Triton	
"	2 Halotis	
"	3 Venus	
169	49 Murex (16 sps)	
"	6 9 Natica (2 sps)	
"	120 red olives	
"	8 White Cypraea	
"	2 Pustulata	
"	3 Isabella	
"	17	
"	40 White Bulla (2 sps)	
"	25 unknown	
"	60 small bivalves	
"	40 Terebra (5 sps)	
"	5 Pleurotoma	
"	11 Nassa	
"	5 Peripora	
"	12 Delphinula	
"	1 Strombus	
"	13 Cones (9 sps)	
"	8 Nassa	
"	1 Cerithium	
"	2 Cypraea bellina	Tutuilla
"	5 Nautica	Navigation & Tonga
170	15 Red Bulimus	Fiji
"	5 White	
"	4 White Cypraea	
"	2 Isabella	
"	35 Murex (12 sps)	
"	8 Strombus	
"	50 small shells	
"	8 Cypraea	
171	250 small shells	
173	25 Nautica	
"	1 Triton	

No.	Contents	Locality
172	6 Helix	Tongatabu
174	8 Olivas	Fiji
"	12 Cerithium	
"	7 Modiola	
"	5 Patella	
"	3 Cones	
"	10 small shells	
175	50 small shells	Fiji
179	30 Natica & Trochus	
181	400 small shells from	
"	the inside of Piche & mer	
182	1 Bulla	
176	11 Helix (3 sps)	Tutuilla
177	3 Nassa (3 sps)	
"	2 Triton (2 sps)	
178	2 Land shells	
180	4 Tritonina	Tow Islands
183	6 Turritella	Cape de Verde
184	4 Fususella	Olague Bay
185	2 Murex	
"	1 Venus	Molluscs
186	1 Nautilus	Timor
"	2 Triton (2 sps)	Fiji
"	2 Cussis	
"	1 Cypraea Isabella	
"	6 Natica	
"	2 Patella	
"	4 Cerithium	
"	5 Nautica	
"	2 Barnacles (from a Triton)	
"	1 Pleurotoma	
"	1 Pecten	
"	2 Murex (2 sps)	
"	3 Strombus	
"	2 Peripora	
"	2 Halotis	
"	2 Terebra	
"	1 Tellina	
"	1 small Nautilus	
"	2 Nautica	
"	4 Ovula	Tongatabu
"	2 unknown	Kavao
187	12 Bivalve	Fiji
"	20 Patella	
"	3 Navicella	
"	2 Cones	
"	2 Helix	
"	1 oyster	
"	1 Nautilus	Timor

No contents Locality.

188 - 1 Nautilus - Timor
 " - 4 Spondylus - Feye
 " - 1 Hammer Oyster -
 " - 1 Lithodoma -
 " - 50 small Nautilus -
 " - 1 Fusus -
 189 100 Littorina - Tazatubos
 " - 4 Trochus - Feye
 " - 8 Conus -
 " - 8 Murice -
 " - 4 Triton -
 " - 4 Cypraea -
 190. 30 Nautica - Tahiti

Loose Shells

No Name Locality

4 - Unio - Feye
 6 - Natica -
 4 - Strombus -
 2 - Cypraea -
 1 - Spondylus -
 3 - ovula - Tahiti
 1 - Strombus - Tazatubos

2971.

2814

6

5791 Shells.

1 Large Avicula - Feye

26 Lingula -

Delivered to Mr. Brayton.

Loose Shells in Box.

No Name Locality

7 Cypraea Tigris - Tahiti
 39 - - - - - Molluscan
 2 - - - - - Feye
 4 - - - - - Aurora -
 6 - - - - - Murex Navigatus
 1 Fusus - Molluscan
 5 - - - - - Strombus -
 1 Nautilus - Timor
 5 Hippo -
 2 Solim -
 4 - - - - - Tutilla
 1 Strombus - Opole
 2 Triton - Molluscan
 1 - - - - - Tarao
 14 Terebra - Feye
 6 Conus -
 1 Nautilus Umbilicus Timor
 7 Hupa - Feye
 2 Strombus -
 6 Natica -
 4 Bulla -
 2 Conus -
 1 Turbo -

Collected by J. A. Underwood

Box Marked

Fiji & other Shells No 8

1 Cypraea dignis	Navigato	1 Cone 2 Small Shells	Fiji
1 Capis	Fonga	3 Venus nam 2 Unio	"
1 Strombus	Navigato	1 Mitre 1 Cone	"
1 Cypraea arrolia	"	1 Turbinella	"
12 Cypraea Moresbiana	"	1 Ovula purple mouth	Fonga
10 Ovula white	"	2 Cone Zeabra	Fiji
1 Cypraea 1 Turbo Navigato	"	5 Arca 3 Purpura	"
1 Cypraea Morrison	"	1 Small Tridacna	Fonga
1 Nautilus containing various small shells	Fiji	10 Murex 5 Bivalves	"
1 Cypraea 1 Volute	Fonga	4 Solarium	Fiji
1 Dolium	"	8 Saxicava	Fonga
5 Cypraea New	"	8 Ovula 1 Mitre	Fiji
7 Venus	"	1 Venus 1 Anatina	Fonga
1 Harpa	"	4 Bivalves	"
8 Cytherea	Fonga	1 Cypraea alba	"
1 Capis	"	2 Yellow Tellina	"
3 Harpa	Fonga	1 Capulus	"
1 Ovula	Fiji	4 Buccinum	"
5 Cones	"	10 Helix	Fiji
2 Cypraea Angus	"	1 Mitica black mouth	Fonga
2 Small Harpa	Fonga	5 Small Shells	"
7 Arca	"	1 Capis	"
1 Ovula purple mouth	"	1 Mitre	Fiji
6 Nautilus	"	6 Venus 1 Cone	Fonga
6 Bivalves	Calcutta	1 Cone Helix	"
2 Bivalves	Fiji	8 Strombus	"
2 Cypraea carmola	"	2 Venus	N Zealand
1 Venus Onivida	"	2 Rare Mitre	"
4 Cones nam 2 Fonga	"	2 Purpura 1 Cone	Fiji
1 Murex small	"	1 Hypposus	"
2 Balanus	Fiji	2 Clus 1 Dolium	Fiji
5 Small fresh water Shells	N Zealand	1 Nautilus	N.W. Coast
1 Spondulus	Fiji	1 Nautilus	Timor
1 Capis Grenensis	"	full of small shells	Fiji
1 Dolium	"	2 Large Voluts	"
3 Harpa	Fonga	1 Nautilus	Timor
1 Chama small	Callio	filled with Struth	N Zealand
1 Mitre torvato	Fonga	1 Triton full with pin	"
1 Modiola	"	Small Shells	Bellingham
1 Large Triton full of	"	1 Nautilus	Timor
Small Shells	Fiji	2 Triton	Fonga
6 Large Cardium	"	filled with Oliva	"
2 Venus	"	1 Cypraea Tridacna	Fonga
1 Mitre 1 Bivalve	"	3 Cone 3 Strombus	"
1 Murex	"	1 Triton 1 Cypraea	Fiji
2 Cardium	"	1 Turbo 1 Nerite	Navigato
2 Cypraea	Fonga	1 Monoceros 1 Turbo	Chiti
8 Cone none	Fiji	1 Patella	Bellingham
3 Turbinella 2 sp	"	1 Ricinula 1 Cypraea	Fiji
1 Siphonaria 1 Fisherella	"	1 Purpura	Low 3, 2
2 Parpura 1 Turbo	"	100 Neritina	Navigato
		1 Orany Natica	Fiji
		2 Triton filled with Oliva	"
		3 Dolium fill, Oliva	"
		1 Yellow Cone	"
		1 Turbinella	"
		1 Strombus	"

[illegible]

6	Purpura 1 Dolium	Fiji	2	Jusur 2 Purpura	Fiji
1	Conc 2 Triton	"	42	Small Buccinum	"
1	Helix 1 Siphanassa	"	24	Mitras 10 sp.	"
1	Oyster	"	12	Small ovala	"
1	Stomatelasma	"	5	Durbinella 3 sp.	"
1	Triton	Molucca	9	Gavittella 3 sp.	"
5	Stromb 2 Volute	do	6	Cerithium 2 sp.	"
3	Planis	"	9	Solarium 2 sp.	"
2	Cerithium	"	1	Ampulona	"
3	Cyprea black mouth	Fiji	2	Pleurotoma	"
2	Stromb 2 Bivalves	"	4	Triton 2 sp.	"
5	Murex	Molucca	27	Natica 3 sp.	"
1	Agina 4 Naticas	Fiji	4	Conus 4 sp.	"
5	Large Jussur	Tonga	18	Cyprea 8 sp.	"
8	Litorina	Fiji	14	Gulimus pin	"
18	Buccinum	"	1	Ovala	"
5	Triton nam	"	1	Dolium nar	"
4	Natica	"	47	Litorina	"
18	Conus none	"	5	Jurba 2 kinds	"
1	Stromb Deana	"	34	Larobas 4 kinds	"
2	Cyprea Black Mouth	Fiji	13	Bivalves 4 kinds	"
36	Bivalves	"	1	Dolium lry	"
1	Dolium 2 purpura	"	7	Orange Laminar	"
1	Buccinum 1 Stromb	"	1	Small tin box shells	"
1	Pagster	"	1	Small paper box of shells	"
6	Siphonassa	"		from Sydney & N Zealand	
3	Jussur	"		from New Zealand	
3	Strombus	O. Tahiti			
2	Murexina	Fiji			
1	Tridacna	"			
3	Triton	"			
2	Bulla new	"			
1	Oyster	N Zealand			
1	Head of Albitras	"			
1	Capis 1 Triton	Fiji			
5	Lingula	"			
1	Piece of Conae	O. Tahiti			
1	Echinus	"			
2	Small shells	"			
1	Dolium Fiji	"			
2	Bulima napa	"			
2	Durbinella	Fiji			
3	Purpura	"			

Collected by J. A. Underwood
Linn. N.S.W.

Box marked
Fiji & other shells &
No. 17

Collected by Lieut. C. Car
from Fiji Is.

Box Marked

Fiji Shells from No 10.

Shells from Dr Whittle in this box

15	Malampus	Fiji
3	Nautilus	"
9	Mitres	"
1	Orange Notica	"
18	Cyprea	"
8	Conus	"
12	Purpura	"
2	Triton	"
4	Cerithium	"
13	Drebrina fava	"
3	Pleurostoma	"
2	Cassia	"
2	Stromb	"
1	Large Natica	"
2	Bolinus	"
1	Stromb	"
1	Cyprea	"
2	Bulla	"
7	Bulinus 6 Solarium	"
4	Lingula 2 Date Shells	"
26	Merita	"
1	Venus	"
2	Perpuna	"
3	Drebra	"
1	Orange Cowry	"
2	Orula	"
4	Harpa & Patella	"
2	Malicolum 1 Unio	"
250	Various Shells (not selected by the Committee) given in the Expedition	"

Collected by Mid^r S. B. Elliott

Box Marked

Fiji & other Shells No 11

8	Harpa	Fiji
6	Orula wht	"
7	Strombus	"
1	do	Molucca
6	Nautilus	"
1	Nautilus - mon.	"
8	Cyprea Dalpa	Fiji
4	" Aurora	"
2	" Argus	"
1	" Morichan	"
6	Orula wht	"
2	Cyprea Dorsata	"
1	" Mappa	"
13	" Arabica	"
12	Oliva	Molucca
4	Conus	Fiji

18	Solarium	Fiji
9	Orula small	Donga
7	Mitres 3 sps	Fiji
4	Cerithium	"
5	Malicolum	"
2	Bolinus	Molucca
6	Red Triton	Fiji Donga
1	Natica 4 sp	Fiji
5	Cassia	"
1	Murex	Molucca
5	Cyprea	Fiji
3	Helix	"
1	Small Harpa	"
3	Buccinum	"
1	Gornatella	"
1	Vinivacordum	"
1	Bulla wht	"
1	Cyprea Aurora	"
3	" Dalpa	"
5	" Morichan	"
46	" 100 sps	"
8	Harpa	"
7	Stromb small	"
1	Conus	"
2	Stromb large	"
3	Cerithium	"
1	Valuta	Molucca
1	Ranella	Fiji
3	Triton	"
4	Picnula	"
5	Mitres	"
2	Pleurostoma	"
1	Pyramidella	"
14	Malicolum	"
2	Solarium	"
4	Drebra	Low Island
1	Drebra	Fiji
6	Cyprea Moneta	"
2	Orula small	Donga
1	Columbella	Fiji
1	Merita	"
2	Purpura	"
1	Babaria 1 Conus	"
5	Oliva 2 Echinas	"
1	Cyprea	"

Collected by Mid^r G. W

Hamensky

Box Marked

Fiji & other Shells No 12

8	Conus	Navigators
1	Nautilus	Fiji
3	Conus 2 sps	"
3	Triton small	Low Island
7	Tritons	Fiji

4	Natica Large	Fiji
2	Obula	"
2	Triton 3 Dalium	"
8	Strombus	"
5	" Small Navigata	"
2	Capis	Otahiti
2	Murex 1 Triton	Fiji
1	Spondylus 1 Cyprina	"
1	Pearl oyster	"
23	Harpa	"
1	Triton annu	"
1	Vicia y. corae	"
2	Cones 3 Stromb	"
1	Asterias	Sevitz Is.
41	Cyprina 8 spec.	Fiji
7	" Moneta	"
14	Nicnula 1 Fusus	"
2	Cerithium	"
3	Gurbo 4 Purpura	"
10	Merita 2 Capis	"
1	Black Gurbo	Otahiti
2	Cones 4 Triton	"
8	Bivalves	"
1	Litorina	Fonga
1	Tellina 5 Natica	"
2	Solarium 2 Echinus	Fiji
1	Bulla 1 Columbella	"
1	Patella	Orange Bay
1	Red Cone	Saur Is. Fiji

Collected by Port Midⁿ W. May
Paper Bundle Marked

Am ☒ Fiji Shell

This is in Box no 16

5	Cones 4 sp.	Fiji
4	Cyprina black mantle	"
26	" Lynx	"
4	" Orange band	"
1	" Miappa	"
1	" common	"
1	Obula 4.2 Cyprina alba	"
1	Dalium	"
7	Natica 3 kind	"
3	Bivalves	"
1	Meritina	"
1	Lorebra	"
1	Tornatella	"
3	Small Capis	"
1	Triton	"
1	Strombus	"

Collected by Doctor Fox -
Box Marked
Fiji & other shells No 13

8	Strombus	5 sp.	Fiji
10	Purpura	2 sp.	"
14	Gurbo	1 "	"
10	Triton	"	"
1	Oliva	"	"
4	Capis	"	"
6	Obula	2 sp.	"
10	Cones	9 sp.	"
2	Murex	2 "	"
7	Dalium	"	"
4	Triton	"	"
2	Cyprina	aurore	Fiji
3	"	solpa	"
2	"	mappa	"
1	"	argus	"
1	"	testudinaria	"
2	"	lynx	"
2	"	canicola	"
3	"	alba	"
3	Fusus	2 sp.	"
6	Ostrea	"	"
76	Bivalves	"	"
4	Caracalla	"	"
	Small paper of shells	Fonga	"
1	Oliva	Molucca	"
2	Struthiatoren	N. Zealand	"
8	Natica	Fiji	"
2	Fusus	N. Zealand	"
5	Cerithium	Fiji	"
1	Mucalus	"	"
1	Small box fin shells	California	"
4	Small box from	Fiji	"
4	Nicnula	Low Is.	"
2	Cerithium	"	"
3	Cones 1 small	Fiji	"
3	Patella	"	"
2	Solarium	"	"
3	Cyprina	"	"
7	Meritina	"	"
6	Modiola	"	"
3	Buccinum	"	"
8	Litorina	"	"
4	Cerithium	"	"
8	Turbo	Navigators	"
24	Small shells	Fiji	"
5	Phalaris	N. Zealand	"
4	Taxacarpa	"	"
1	Nautilus	Molucca	"
2	Strombus	N. Zealand	"
7	Nautilus 2 sp.	"	"
	Small paper of Murex	"	"

Collected by Mr Brackenridge
Box Marked

Pige Shells No 14

This box is in Box No 16

1	Capis	2 1/2
4	Parapana	"
1	Dalium	"
34	Cones 6 sps	"
5	Trochus	"
13	Cerithium	"
9	Mitre	"
10	Cancellaria	"
5	Helix	"
3	Turbo	"
10	Cyprea	"
3	Laternina	"
10	Murex 2 sps	"
60	Small white Bulla	"
12	Small Tritons	"
2	Riccnula	"
2	Buccinum	"
1	Turbinella	"
4	Strombus	"
1	Echinus	"
46	Bivalves 15 kinds	"
560	Univalve Shells some very small various kind	"

The following shells collected
by Mr. Bi. are in a bundle
and packed in Box No 16

3	Natibolus 2 kind N. Zealand	
16	Bivalves 10 kind	" "
18	Turbo 4 " " "	" "
1	Small paper bivalves	" "
2	Bulimus Zealandica	" "
1	Turbinella	" "
10	Strutholancia	" "
28	Patella & Siphon	" "
5	Natica	" "
2	Volute	" "
13	Crepidula	" "
5	Parapana	" "
1	Dalium	" "
2	Trochus	" "
2	Turbinella	" "
1	Depas	" "
5	Small Univalves	" "

Collected by Port M^d Sanford
Bundle Marked

Pige Shells fine

This bundle in Box No 16

2	Prula white	2 1/2
2	Strombus	"
2	Cones fine	"
1	Ciprea alba	"
2	Nautilus	"
2	Mitre globose	"
2	Do orange	"
1	Cyprea black mouth	"
2	Harpa	"
2	Pleurotoma	"
2	Solanum	"
1	Red Mitre	"
1	Fusus	"
2	Olivia	"
1	Conc	"

Collected by Serjt Stearnes

Box Marked

Pige Shells No 15

2	Tritons	2 1/2
4	Murex large & small	"
17	Dalium	"
17	Turbinella 2 sps	"
1	Parapana	"
1	Orange lacuna	"
2	Nautilus	"
5	Trochus	"
+	Fusus	"
5	Pleurotoma	"
1	Triton large	"
1	Triton - small	"
4	Rastillaria	"
1	Turbinella	"
18	Date shells	"
4	Tritons rare	"
3	Pyramidalia	"
1	Mitre	"
1	Dalium	"
1	Buccinum	"
6	Cones	"
5	Cyprea	"
4	Prula white	"
3	Prula	"
2	orange Natica	"
2	Tritons large	"
1	Natica	"
2	Cerithium	"
2	Tritons 2 sps	"
1	Turbinella	"

2 Capas
1 Pinna black
1 Hippopus
Fiji
Tonga

4 Strombus lanius, Diana Fiji
15 Purpura
9 Cerithium
1 Tridacna
15 Buccinum
25 Harpa
18 Bivalvia
75 Beach de Mar Shells
13 Triton, large
15 Mitre
175 Small limulus &
Bivalvia
1 1/2 Tridacna

The following persons
have sent in shells as per
List Mr Chute's capture
Mr Hawkins' Sail Shop
Mr Smith Boatman
Mr Robinson D^r Clerk
Mr Brown J^r Master
Oreo

Caroline, Knight, Puller,
Lemont, Wilson, Nebet,
Mt Serat, White, Parks,
Lester, Henderson, Whan
Bernard, Shafford, Colston,
Green, Distrow, Weaver,
Black

Fiji & other Shells & Box marked
No 17
In box No 17. in addition
to some of Mr Underwood's shells
are the following shells.

2 Orange Caenon
2 Mitre strigimotaria } Fiji
from Capt Wilkes
1 Orange Caenon - J.D. Fiji
4 Cypraea 3 sp. 1 Cerithium }
2 Mitre 1 Strombus }
2 Cup coral
1 Branching do otahiti
1 Pinna 2 large Strombus Fiji
1 Avicula from Mr Case
7 Lingula Mr Case

Very Small boxes marked

Box No 1 Lima Fiji
" " 2 Spider Wallongong
" " 3 Helix small several
species Tonga
" " 4 Spiny Venus from
the Drige, Labukia Fiji
" " 5 Helix small sandlu
wand lag
" " 6 Helix small Tonga
" " 7 Beach de Mar Shells Fiji
" " 8 Tridacna Tonga

Shells, collected by the
above persons at Fiji J.D.
Box marked

Fiji Shells No 16

5 Cypraea
9 Cypraea alba Fiji
15 Nautilus
34 Conus varius
5 Murice
2 Triton
118 Cypraea varius
4 Puzos
13 Strombus varius
5 Struthelania
3 Turbo
5 Salum
2 Echinus
1 Trochus

J. Drayton

Recapitulation

Shells collected at the Fiji Islands, including
one small box from Tonga Taboo.

<i>Ampularia</i>	3	<i>Melania</i>	230
<i>Cerca</i>	13	<i>Modiola</i>	7
<i>Anatina</i>	1	<i>Monoceros</i>	7
		<i>Melampus</i>	15
		<i>Mytilus</i>	2
<i>Bulla</i>	440	<i>Melliagrina</i>	
<i>Bulinus</i>	347		
<i>Buccinum</i>	280		
<i>Bivalves</i>	580		
<i>Beach & Marsh shells</i>	100	<i>Natica</i>	1301
		<i>Napa</i>	418
		<i>Veritina</i>	582
<i>Cerethium</i>	447	<i>Nautilus</i>	73
<i>Cone</i>	1408	<i>Navicella</i>	3
<i>Cypraea</i>	1620		
<i>Candium</i>	351		
<i>Cassis</i>	36	<i>Oliva</i>	2912
<i>Cyrena</i>	5	38-Orange earwicks	38
<i>Cyclostoma</i>	1200	<i>Ovula</i>	127
<i>Chitons</i>	13	<i>Oyster various</i>	18
<i>Columbella</i>	2		
<i>Cytherea</i>			
<i>Chama</i>	6		
<i>Capulus</i>	1	<i>Perpuna</i>	118
<i>Crepidula</i>	13	<i>Pecten</i>	9
<i>Cancellaria</i>	6	<i>Pinna</i>	10
<i>Ceracolla</i>	4	<i>Patella</i>	345
		<i>Pleurotoma</i>	16
<i>Solium</i>	89	<i>Pyramidella</i>	14
<i>Date shell</i>	22	<i>Pectunculus</i>	1
		<i>Pholas</i>	5
<i>Echinus</i>	4		
		<i>Rocher</i>	230
<i>Pusur</i>	41	<i>Ricnula</i>	15
		<i>Rostellaria</i>	9
		<i>Ranella</i>	1
<i>Haliotus</i>	258		
<i>Helix</i>	243	<i>Strombus</i>	306
<i>Harpa</i>	139	<i>Seraparus</i>	256
<i>Hippopus</i>	2	<i>Spondylus</i>	26
		<i>Serpula</i>	31
		<i>Spinula</i>	75
<i>Litorina</i>	171	<i>Solarium</i>	47
<i>Lingula</i>	13	<i>Saxicava</i>	49
		<i>Struthiolanice</i>	22
		<i>Siphonaria</i>	8
<i>Murex</i>	113		
<i>Mitre</i>	415	<i>Turbo</i>	722
" white	24	<i>Trochus</i>	370
<i>Musels</i>	9	<i>Terebra</i>	600
		<i>Triton</i>	139

over

<i>Tridana</i>	26
<i>Tellina</i>	2
<i>Corbinella</i>	34
<i>Fucopora</i>	
<i>Corritella</i>	13

<i>Murex</i>	202
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<i>Voluta</i>	12
<i>Venus</i>	20
<i>Venericordia</i>	1

In all	27898	27898
Very Small Bivalve & Univalve shells not named		16537
		<hr/> 34435
Shells collected by Lint. & L. Case and not included in this recapitulation		5798
		<hr/> 40233
		in all

Jr. Drayton

List of Shells

Selected for the general collection of the M.S.
Exploring Expedition, from those obtained by the Officers and
crew of the M.S. Ship Peacock

by C. P. Peale. Naturalist

Capt. Wm. L. Hudson

<i>Gyrocea</i>	<i>tatpa</i>	August 14 th 1840	" 1
"	<i>carneola</i>		" 3
"	<i>labella</i>		" 1
"	<i>littorio</i>		" 8
"	<i>mappa</i>		" 2
"	<i>argus</i>		" 1
<i>Olivæ</i>	"		" 5
<i>Strombus</i>	"		" 4
<i>Conula</i>	<i>oviformis</i>	"	" 1
<i>Tinebra</i>	(force of Biche le Mar)		" 150
<i>Dolium</i>	"		" 3
<i>Murex</i>	"		" 1
<i>Pecten</i>	"		" 1
<i>Turbo</i>	"		" 2
<i>Solarium</i>	"		" 1
<i>Halitid</i>	"		" 2
<i>Triton</i>	"		" 1
<i>Naupa</i>	at Pava May 21 st /40		" 7
<i>Cypræa</i>	" July 21 st /40		" 3
<i>Bulla</i>	"		" 2
<i>Verita</i>	"		" 2
<i>Caracium</i>	containing water Aug th 5 th /40		" 1
<i>Dolium</i>	" " 1 st "		" 1
Total No of Specimens			203

St. W. M. Walker

Spatangus August 14th 1840. 1

St. P. St. Diamond

Tellina May 16th 1840. 1
Spatangus 2
Pachid 3
Natica 1
Area May 28th 1840. 2
Bulla 4
Spatangus July 1840. 1
Pallota 3
Cardium 1
Monodonta 1
Pterocera August 1840. 1
Turbo 2
Echinus 3
Gastropod 1

Total No. of Specimens 24

Under W. M. Specimen

Cardium June 1st 1840. 5
Perna } Perna hana } 1
Natica } 1
Buccinum July 14th 1840. 1
Nerita " 22nd " 3
Tridacna August 6th 1840. 2
Mitrea 2
Nerita 1
Tridacna 2

Total No. of Specimens 18

Doctor Fillion

Turbo August 18th 1840. 34
Oliva 1
Conus 4
Buccinum 3
Mitrea 1
Strombus 5
Turbo 1
Trochus 3
Purpura 1
Nerita 15

Total No. of Specimens 68

Capt. M. A. B. David

Cypraea August 14th 1840. 12
Turbo 4
Nautilus 1
Pupa 2
Turbo 2
Conus 8
Murex 2
Tridacna 1
Cardium 1
Nassa 2
Nautilus 2
Nerita 1
Natica 2
Pallota 1

Total No. of Specimens 41

Capt. M. A. B. David

Cypraea August 18th 1840. 1
Turbo 1
Strombus 1

Total No. of Specimens 3

Miss Wm H. Hudson

Amata	July 21 st 1840.	3
Murex	August 5 th "	1
Harpa	" 11 th "	2
Murex	" " "	1
Strombus	" " "	1
Cypraea	" " "	2
Turbo	" " "	2
Solarium	" " "	1
Total no of Specimens		13

Mr. J. D. Stuart. Capt. Clark

Cypraea	August 14 th 1840.	3
Triton	" " "	2
Nautilus	" " "	2
Conus	" " "	8
Orula	" " "	2
Nassa	" " "	2
Turbo	" " "	8
Ostrea	" " "	5
Cypraea talpa	" " "	2
" Anad	" " "	1
Murex	" " "	1
Turbo	" " "	2
Cassid	" " "	2
Oliva	" " "	1
Unus	" " "	2
Miscellaneous	" " "	13
Total no of Specimens		56

Miss Thompson

Cardium	April 1840.	1
Natica	" " "	2
Amata	July 21 st 1840	3
Carried over		

Miss Thompson

Boat Forward		6
Cypraea	August 14 th 1840	5
Nautilus	" " "	4
Conus	" " "	1
Total no of Specimens		16

Miss P. W. Clark

Ostrea	August 11 th 1840.	1
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Mr. Wells and Capt. Clark

Solarium	August 14 th 1840.	4
Orula	" " "	2
Nautilus	" " "	2
Cypraea tigris & Mauritiana	" " "	13
" Natica & others	" " "	16
Turbo	" " "	8
Oliva	" " "	24
Ostrea	" " "	3
Harpa	" " "	9
Panella, Nassa &c	" " "	27
Natica	" " "	3
Conus	" " "	5
Ostrea	" " "	4
Patella	" " "	1
Turbo	" " "	2
Miscellaneous (Small)	" " "	78
Total no of Specimens		201

Robert W. Bernard

Harpa	August 14 th 1840.	6
Orula	" " "	2
Total no of Specimens		8

Henry Greenfield B.M.

Conus	August 14 th 1840.	1
Proten	" " "	1
Oliva	" " "	20
Harpa	" " "	1
Cypraea	" " "	1
Total no of Specimens		24

James Brown

Conus	August 14 th 1840	1
Cypraea carnea	" " "	7
" other species	" " "	4
Tridacna	" " "	1
Triton	" " "	1
Total no of Specimens		14

James "Hirsty"

Harpa nobilis	August 14 th 1840	3
Cypraea tigris	" " "	5
Dolium	" " "	1
Triton	" " "	2
Mitra	" " "	4
Cypraea Mitella	" " "	26
" Mappa	" " "	1
Terebra	" " "	5
Nautilus	" " "	2
Murex	" " "	2
Caudo	" " "	3
Miscellaneous (small)	" " "	44
Total no of Specimens		90

John Doughty

Triton	August 14 th 1840.	1
Total no of Specimens		1

William Dunn

Cypraea	August 14 th 1840.	5
Harpa	" " "	4
Miscellaneous (small)	" " "	6
Total no of Specimens		15

John "Jones"

Mitra	August 14 th 1840.	2
Terebra	" " "	6
Cypraea	" " "	3
Total no of Specimens		11

Michael Ward

Cypraea	August 14 th 1840.	11
Mitra	" " "	2
Conus	" " "	1
Oliva	" " "	1
Total no of Specimens		15

Joseph Bass

Murex	August 14 th 1840.	1
Terebra	" " "	1
Harpa	" " "	2
Murex	" " "	1
Mitra	" " "	3
Urina	" " "	1
Conus	" " "	4
Voluted	" " "	1
Vermetum	" " "	3
Triton	" " "	1
Total no of Specimens		18

Henry Dowden

Cypraea tigris	August 14 th 1840	4
" Vitellus	" " "	3
" histrio	" " "	2
Conus	" " "	1
Total no of Specimens		10

Charles Jeff

Turbo	August 14 th 1840	1
Olivæ	" " "	2
Total no of Specimens		3

Frank Stith

Cypraea Mappa	August 14 th 1840	1
" Argus	" " "	1
Caput Serpentis	" " "	1
Cardium	" " "	1
Haliotis	" " "	1
Dolium	" " "	1
Murex	" " "	1
Harpa	" " "	2
Total no of Specimens		9

Wm H. Hughes

Cypraea tigris	August 14 th 1840	5
Harpa	" " "	5
Capit	" " "	2
Total no of Specimens		12

John Orr

Cypraea tigris	August 14 th 1840	4
" Vitellus	" " "	2
Ovula	" " "	1
Mitra & Olivæ	" " "	3
Total no of Specimens		10

John Smith Marine

Cypraea tigris	August 14 th 1840	10
" Mappa	" " "	9
Mauritiana	" " "	4
Mitra	" " "	4
Ovula	" " "	3
Conus	" " "	8
Olivæ	" " "	10
Harpa	" " "	2
Panella	" " "	4
Friton	" " "	5
Total no of Specimens		55

Samuel Sutton

Friton	August 14 th 1840	4
Mitra	" " "	2
Dolium	" " "	2
Capit	" " "	16
Cypraea	" " "	7
Olivæ	" " "	8
Turbo	" " "	5
Harpa	" " "	1
Strombus	" " "	1
Ovula	" " "	2
Conus	" " "	2
Total no of Specimens		50

John B. Demitt

Cypraea	August 14 th 1840	5
Tridacna	" " "	1
Buccinum	" " "	2
Haliotis	" " "	2
Mitra	" " "	1
Miscellaneous	" " "	10
Total no of Specimens		21

Peter Thorne

Cypraea	August 14 th 1840.	10
Luscora	" " "	2
Onula	" " "	2
Total no of Specimens		14

M^r Blair.

Cypraea testudinaria	Aug. 1840	2
" mappa	"	1
" pantherina	"	4
" talpa	"	2
" tigris	"	2
Terebellum	"	1
Strombus	"	2
Turbo	"	2
Onula	"	7
Triton	"	4
Cerithium	"	3
Pterocera	"	4
Oliva	"	38
Dolium	"	3
Toothus	"	2
Purpura	"	1
Murex	"	2
Miscellaneous (small)	"	5
Total		85

Shells received from Officers of the Exploring Squadron generally.

Under R. P. Waldron
Winced

Harpa nobilis Muskhwa Aug²⁵ 5th 1840. 11

J. M. Waldron

Brig. Carpenter

Murex from Nassau	August 11 th 1840	8
Oliva canicola (Witi 1813)	" " "	19
" Various specimens	" " "	304
Cypraea Aurora	" " "	1
" 7 other species	" " "	162
Dolium ringens	" " "	5
Harpa	" " "	18
Strombus	" " "	8
Turbo	" " "	4
Capid	" " "	14
Harpa	" " "	11
Katica	" " "	18
Arcta	" " "	4
Terebellum	" " "	1
Pterocera	" " "	11
Onula	" " "	9
Conus	" " "	3
Tridachna	" " "	1
Spirula	" " "	4
Luscora	" " "	10
Miscellaneous	" " "	19

Total no of Specimens 725

Lists of Shells

*Collected since the Squadron
left New Zealand
up to August 28th 1840*

*With the names of the
Persons by whom
collected—*

5-

Box # 1 from Torpore
Shells, Fiji Islands

" # 2 " " "

" # 3 " " "

" # 4 " " "

Collected by the crew

4 Boxes

1 Fiji Drum

1 Box Contg a Sleigh from Kamchatka, presented
by Capt Joy, of Ship Hero of Nantucket

3 Bundles War Clubs Fiji Islands & W

Philological Department

1 Box Books & No 3

Contg 60 Hawaiian Books & Pamphlets

14 Missionary Herald

3 Crawford India Archipelago

1 History of Philippines

2 Samoa Pamphlets

and 1 native Pelara, made from

Human hair, & of the Sea Horse Tooth, formerly the property
of Madame Boki, wife of Governor Boki,
who carried this ornament with him, when
he attended the King Samehameha on his visit
to England in 1823, presented to the Exploring
Expedition by Mr & Mrs French of Honolulu
Nov 13th 1840

Box No 5 from Peacock, containing 6 Spears

from Ascension Island, 2 Spears

from Ocean Island, Lat 4 9° S

Long 168° 20' E, presented by

Capt. Reuben Joy of the Hero, and Capt
Coffin of the Ohio

6

Box W No 23 Containing the following Curiosities
 1 Feathered Head Dress Fiji Islands
 2 Wigs " "
 2 Idols " "
 7 Skulls & a lot of Bones
 1 Oil dipper

Box X No 24 Containing
 1 Double & 2 Single Canoes " "
 10 Seals " "
 3 Baskets " "
 5 pieces Tappan " "
 Lot of Sandal Wood Midambour bay " "
 1 Basket & 1 waist cloth from Sekembat " "
 1 piece Rope from Somos Somos " "
 1 Line & 2 Fish Hooks from Oueata " "
 1 small box Shells, & 2 packs Geological Specimens
 from Kalafaya and Su Su
 1 Spatula from New Zealand

The following Shells collected among the crew of U.S. Brig Porpoise
 in Box # 3

List of Munbarter's Shells

67 Cyprina large & small

6 Hapra

43 Oliva large & small

3 Capis

354 Oliva striped & plain

2 Turbo

1 Cerithium

35 Strombus

1 Natica

6 Bulla Bancum

318 Total

7

List of shells ginterpoide continued

Henry Felson's Shells

38 Cypraea

105 Conus large & small

57 Natica

8 Oliva

8 Turbo

2 Capiz

50 Cyprina moneta

4 Trochus

4 Patella

6 Bivalves

2 Tebra

2 Triton

4 Rings made from the Trochus

1 piece Lava from Lajes

281 Shells

The following cont'd in a ^{blue} bag marked M.S.

14 Cypraea

23 Oliva

4 Natica

40 Bivalves

3 Buccinum

32 Oliva striped Lajes Island

16 Strombus

2 Patella

1 Dolium

2 Bulla naucum

3 Triton

140

27

The following cont^d in a small box marked J

29 Buccinum
 25 Cypraea moneta
 16 Strombus
 12 Comus, large & small
 6 Natica
 4 Oliva
 2 Cypraea
 1 Bulla naucum
 1 Capiz
 1 Litor
 2 Mutilus pompilius
 2 Trochus
 1 Litor large
 3 Mutilus pompilius

 105

List of Shells from Dr. Cook

9 Cypraea
 22 " moneta
 4 Buccinum
 2 Terebra
 1 Litor
 2 Bulla naucum
 1 Bivalve
 3 Mutilus pompilius
 19 Cypraea small
 3 Capiz
 5 Buccinum
 4 Cypraea moneta
 5 Oliva
 3 Natica

 83

To

Chas. M. W. Esqr
 Comdg U.S. Exp. Expedⁿ

Very Respectfully
 Geo. W. Dyer
 Asst. to Scient. Corps

Original
Invoices of Miscellaneous
Specimens

1839 - 41.

Lists of Specimens
-1839. 1840 & 1841

Recd from C. Wilkes Esq.
Oct. 14th 1842
(C.P.)

List of specimens contained in Kegs, the numbers of the labels commencing where those sent to the United States from Rio Janeiro, left off —

Keg No. 3. contains the following objects all from Rio Janeiro —

Numbers

89	Asterias — shores near San Cristovão	
90	Dales Ostracion Market	
91	Dales — market (sold daily)	
92	Engraulis — " —	
93	Hemulon — " — striped bill covers	
94	Trichurus — " —	
95	Serranus — (irradiatus cur)	Market
96	Plennius filicornis Val.	"
97	Pomacentrus fuscus cur.	"
98	Hemiramphus	"
99	Umbrina coroides	"
100	Larimus	"
101	Umbrina	"
102	Seserinus	"
103	Pinguipes brasilianus	"
104	Percu. 8 banded (Corvina?)	"
105	Chrysophris	"
106	Egus lineatus cur	"
107	Caranx	"
108	Julis (or Lachnolaimus)	"
109	Plectopoma brasiliana cur.	"
110	Corvina	"
111	Chorinemus guabira cur.	"
112	Tupinambis	"
113	Loligo dispar 5 specis (cuttle)	Beaches near Rio
114	do. large striped one common	Market
115	Octopus large brown one occasional	" —
116	Bulimus Tauraisii 3 specis	Tijuca
117	Coral Snake — vicinity of Rio —	
118	Bulla ferruginea 3 specis — head of Bay	
119	Capsa brasiliensis 5 — sold in market	
120	Asterius coarctatus 3 specis rocks near Petropolis.	

Numbers Key No. 3. continued list

121. *Ascidia* - large black one, rocks near Praia Grande 12 feet water
 122. Small *Polysena* - *Lichia* - *Tetrodon* - *Batrachia* & *Sphyrna* -
 123. *Charax* - market
 124. 2 Specimens *Aplysia* - *Actinia tuberculata*, *Cuth.* common
 125. *Asterias marginatus* *Cuth.* Is. outside of Harbor
 126. *Hamulon* - market
 127. *Lichia* - large one with yellow belly - Market
 128. *Squalus* - " -
 129. *Ephippus faber* - " -
 130. *Hypoglossus* - " -
 131. *Corvina* ? - " -
 132. *Serres brasiliensis* *Cuv* - " -
 133. *Serres gula* *Cuv* - " -
 134. *Pleuronectes* - " -
 135. *Serranus* - " -
 136. *Lichia* (young of 127) - " -
 137. *Thynnus americanus* *Cuv* - " -
 138. Snake, from vic. of Rio Mr Brackenridge
 139. *Dinodorus* - Market
 140. *Trachinus argenteus* *Cuv* - " -
 141. *Mugil*
 142. *Bombr*
 143. Spoiled & thrown away
 144. *Rana* -
 145. Same as 143
 146. *Bufo* large verrucose one Organ mountains?
 147. *Bufo* do - (black on the back) Lagoon of Pettinga
 148. Large *Solum* - Rio Janeiro from market
 149. 3 Specimens *Holothuria* *sericea* *Cuth* & viscera rocks near Pettinga
 150. 2 - " *Patelloidea* - 1 *Triton* - do -
 All the above are in 3 large bundles & all from Rio Janeiro
 200. *Asterias helianthus* near Villamar - Valparaiso
 201. *Asterias* orange coloured - do - do -
 202. *Holothuria* figured by Mr Drayton - do - do -
 203. *Pissurella crassa* & *P. radiata* do - do -
 204. *Anchalepus Peruvianus* do do
 205. 8 specimens *Chiton spiniferus* do do

Numbers - Key No 3. continued

- 206 1 specimen *Chiton disjunctus* Gmel. Villamar Surf rocks Valpar.
 " 1 " *Ch. chilensis* " " "
 " 3 " *Ch. olivaceus* " " "
 " 2 " *Ch. cumingsii* " " "
 207 3 " *Patelloidea castrensis* " "
 208 7 " *Trochus ater*, Lesson " "
 " 3 " Turbo black, striate. granular spere. " "
 " 1 " *Murex crassilabrum* - Rocks near lighthouse " "
 " 1 " *Chiton chilensis* " "
 " 1 " *Ch. cumingsii* " "
 209 7 " *Echini* - acicles of a deep violet colour - Bay of " "
 210 2 " - do - pale brown acicles & shorter than precj " "
 211 1 " *Monoceros crassilabrum* - common " "
 " 3 " *Patelloidea castrensis* G. P. *cribraria* G. Villamar " "
 212 9 " *Trochus ater* Less. " "
 " 5 " *Bulimus rosus* - Vicinity of Santiago " "
 " 1 " *Monoceros* (costated, young of *M. giganteus*?) - " "
 " 1 " *Siphonaria* - " "
 " 1 " *Bulimus chilensis* - vicinity of Quillota (Bay of Valpar.) " "
 213 7 " *Patelloidea castrensis* Gmel. Villamar " "
 " 1 " - " *cribraria* Gmel. & 1 small species " "
 " 2 " *Crepidula* & *Pissurella radiata* " "
 214 1 " *Pissurella radiata*, 2 *Crepidula* with *Rabania* - " "
 " 2 " *Chiton olivaceus* with *Lonia* attached " "
 " 5 " *Ch. granosus* - [Shell not mentioned] " "
 215 3 " *Unio* 2 from near Santiago 1 near Aconcagua (itches) " "
 ? 216 2 " *Coluber* - road to Santiago (long - slender) " "
 ? 217 1 " do? shorter thicker than precj " "
 218 2 " *Callophrynus* - foot long dark spotted - Bay of Valpar. " "
 219 1 " *Blennius* do " "
 220 1 " New Genus blennioides - head like cottus (not spiny, vent 3 rays) do " "
 221 1 " *Gunnellus* 1 sp. larger blackish pectorals ovate do " "
 " 2 " do 2 sp. spotted, pectorals v. long, pointed do " "
 222 1 " *Scomberesox* 1 to 1 1/2 feet do " "
 223 1 " *Gasterobranchia* shorter than orange harbor species - do " "
 224 1 " *Anguilla*, yellow & brown, lat. line white dotted do " "
 225 2 " of Cottoid *Blennius* (220) foot long eyes not circled head ten broad do " "
 226 1 " Cottoid - 2 dorsals, long spine on opercles - fins all mottled black do " "

Numbers. = Key No 3. continued

- 227 *Siganus* 1 foot. no arm - thickly mottled, round black spots B. of Valparaiso
- 228 Same as 22b - 2 specimens - do
- 229 *Glyphisodon* lobes of tail pointed blackish - diff. from Callao Spec. do
- 230 *Blennioid* - new Genus v. l. & an. united. 10 inches long do
- 231 *Syngnathus* - clouded black - 2 feet long do
- 232 *Syngnathus* new species - body broad compressed 9 inches do
- 233 *Aloia* - 5 inches long by two broad do
- 234 *Sciaenoid* - Habit of some *Serranus* - 5 spines 1 foot long (sea-bass) do
- 235 *Eleginus* - anal long - softish rays. 2 dorsals, 2 high. 1 foot do
- 236 *Atherina* 3 species 3 inches long broad silver stripe - do
- " *Engraulis* 3. spines - shorter than Callao species do
- 237 *Otolienus*? but much compressed & deep. only 3 inch. long - do
- 238 *Corvinoid* - like Callao spec. tail subfurcate. pect. - subfalcate. 10^{inch} do
- 239 *Mugil* 7 inches long do
- 240 *Scorpana* - no cirri on body - 2 spines on operc. prooperc. dentate do
- 241 *Batrachus* - colour like Rio Janeiro species but not spotted 4-7 inches - do
- 242 *Hyporhamphus* - 3 to 5 inches, mouth no long teeth do
- " *Blennius* like 22b - *Atherina* like 23b - do
- 243 *Lepadogaster* - disk with soft hexagonal plates low water rocks do
- W 244 *Echinus* - among rocks surf washed - Villamar do
- 245 *Scorpidula* - from large *Mytilus* shells in market - do
- W. *Pissurella radiata* with *Spirorbis* - Villamar do
- " *Trochus ater* - do do
- " *Bulinus roseus* - Cuesta near Quillota - do
- 246 *Lithodes antarctica* Dana - 6 or 7 fathoms water among Kelp. Orange Strait.
- 247 Head of *Callorhynchus* - same as 218? Bay of Valparaiso
- 248 *Gasterobranchoid* - short species - (Mr Case) do
- 249 *Murena* - Island in Harbor of Rio Janeiro (Mr. Case)

Key No 3. also contains all the Glass Jars accompanying this catalogue, beginning with No. 30 - and continuous to No 59 inclusive -

Note Since this catalogue was prepared No 246 preceding - (*Lithodes*) has been transferred to Mr Dana - consequently there is no such number in Key No 3. J. P. Couchman.

Contains specimens from the coast of East Patagonia. Terra del Fuego. and Orange Harbour - as follows -

Numbers

- ✓ 148 *Stylocera* - with dark purple maculations - Rio Negro
- ✓ 149 *Otolithus* - 8 inches long large scales do
- ✓ 150 *Coluber* - 2 specimens smooth scales - fig by Mr Drayton do
- ✓ 151
- ✓ 153 *Gasterobranchoid* - 8 cirri - vent $\frac{1}{4}$ way from head - 11 faths. Orange Harbour
- ✓ 154 * *Lucidia* (n. sp) pike shaped. 2 opposite spines on opercle - asquamose - do
- ✓ 155 *Goarchus* - like - 15 inches black - ventral very small, tail rounded do
- ✓ 156 - do - 12 small specimens do
- ✓ 157 New Genus Cottoid - 2 to 3 inches, 2 large motile denticulate spines on opercle do
- ✓ 158 do - *Blennius*? largest species - head granular - abundant do
- ✓ 159 do - same Gen. top of head smooth, jaws subequal do
- ✓ 160 do - do - " head scaly - jaws equal - do
- ✓ 161 do - do - " lower jaw longer, teeth also, dorsal speckled do
- ✓ 162 do - do - " resembles last in profile, but head is narrower do
- ✓ 163 do - do - " *Octopus megagathus* - benth. verrucose on back skin do
- 164 *Asterias* - figured - pentagonal - hexagonal plates on back do
- 165 do - depressed - do - back covered with tubercular acicles do
- 166 *Asterias* small - common under stones low water mark do
- ✓ 167 *Voluta* - (animal only) body crimson with yellow spots, figured do
- 168 *Asterias* large - colour variable (figured) Bunt Island do
- ✓ 169 *Blennius* like 158 & 2 *Goarchi* - 5 small cottoids, 157 from St Palmer do
- 170 *Asterias regia* benth. Scaevan Bay 18 faths - figured, bristles do
- 171 do new - blue or purplish 12 or 15 faths water do
- ✓ 172 *Eucellium*? aggregated on stones, i. coast Patagonia 40 faths - dredged by Messrs Case & Underwood of the Relief
- ✓ 173 *Ascidia*? same locality as preceding.
- ✓ 174 2 specimens of sponge - do -
- ✓ 175 3 - do - of 2 species palmated - do -
- ✓ 176 *Voluta* - fusiform - animal chocolate colour (fig) Bunt Is - Orange Harbour
- ✓ 177 Small volute like 167 - but found near beach - do
- ✓ 178 *Stylocera*? dredged in 16 fathoms, yellowish white - do
- ✓ 180 *Ascidia saccula* benth. fig same locality as preceding do
- 179 *Fissurella picta* Lam? abundant do
- ✓ 181 *Monoceros imbricatum* Lam do
- ✓ 182 *Chiton setiger* King - 15 spines do

Numbers

Key No. 4 continued

- ✓ 183 Large Buccinum? hirsute epidermis fig? Orange Harbor
 ? 184 Ranella vexillum? common do
 ✓ 185 Patella deaurata 2 sp's. P. flammea? 2 do common do
 ✓ 186 Murex clathratus 1 sp. Fusus plumbeus Lenth. 2 sp's. Nystites 2 sp's do
 ✓ 187 Chiton variabilis Lenth. 2 sp's - Tide pools in rocks - do
 ✓ " Ch. setiger King - common all over harbor do
 ✓ " Patelloidea on rocks exposed to surf - 3. at do
 ✓ " Patella cymbuloides Lesson. on kelp - 1 spec - do
 ✓ " Terebratula - dredged in 16 faths water - in clusters - do
 ✓ 188 Anatifia 2 species. 12 clusters from Macrocytus pyrifera - off Co. T. del Negro
 Illustra & corallina on - leaves of same - 6 spec - do
 ✓ 189 Holothuria 7 specimens from stomach of Bagrus, mouth of R. Negro -
 190 Head of large scaled blennioid (158) & Gasterobranchus - Mr base. Orange Harb.
 ✓ 191 Cottoid 11 sp's - Eoarchoid - 6 - small asterias - do do

Also the nine jars of this Catalogue numbered - 60. 61. 62.
 63. 64. 65. 66. 67. 68 -

35 cont	Sciencoid? Small. from near shore of Bay	Rio Janeiro
"	Piabucus, (but 1 st dorsal in advance of anal) fresh stream - S. Cristovao	"
"	Pygopus cariocorea spix?	"
"	Rana allied to Typhonia - fig ^d by Mr Drayton	"
"	Hyala - snout. somewhat 4 angular. body short, somewhat toadshaped	"
"	Ceratothryx? - but no processes on eye 2 1/2 inch long. Organ mountains	"
"	Oxyrhynchus - Raniform head narrow & pointed - body 3/4 inch long	"
"	Agama? interrupted black collar - no dorsal carina except on tail -	"
"	Bulinus Tamaiaii? near Igua	"
"	Peneus - Test. ash coloured, calcareous - Market. refuse of Prines	"
"	Buprestes 2 inches long	"
"	Unio two specimens stream at base of Organ mountains	"
"	Epeira - large strong greenish species - hedges near city Val?	"
"	Spectrum - (similar body but orange) 1 ♂ near Lagoa of Pettinga -	"
"	Oryctes? Vicinity of Pettinga lagoon	"
"	Lygaeus? ———	"
"	Cryptotalpa - 1 young near Botafogo	"
"	Caprellas - short thick species - beach of Praia Grande	"
"	Gammarides 3 specims — do —	"
"	Hemidactylus 1 sp'n - vicinity of city.	"
36	Agama - 4 specimens same species as in star 35.	"
37	Spheg - very large - black Organ mountains	"
"	Cassida 3 specimens	"
"	- do - 1 sp'n - 4 spots on elytra.	"
"	Julus - large	"
"	Polydesmus large - broad like virginicus (same spec. as in star 37) Rio	"
"	Cercopis?	"
"	Cerambyx - white band across elytra	"
"	Chrysomela large	"
"	do smaller species	"
"	Mutilla - 1 rufous spot on abdomen	"
"	Bibio 1 specimen	"
"	Stenocorus? small rufous thorax	"
"	Tabanus - Spotted wings -	"
"	Spectrum? head sharp pointed short antennae	"
"	Conoleptis	"
"	Cuscuthionia 1/2 inch long. 2 sp's	"
"	- do - costated elytra	"
"	do globose thorax	"

37	^{continued} Donaciod	Organ Mountain, Rio Janeiro	
"	Maltica niger? with elytra like chlamys	"	"
"	Lygeus with red margin	"	"
"	do smaller species 4 specimens	"	"
"	Cassida - small like changeable one of N. America	"	"
"	Chrysomela? small, green & gold elytra. head & thorax rufous	"	"
"	do? smaller. blue elytra	"	"
"	Crioceris small pale species	"	"
"	Bicincta (a long spine at apex of elytra)	"	"
"	-do- a larger species	"	"
"	Ips?	"	"
"	Chrysomela. smallest. all dark blue	"	"
"	Cicada - very small	"	"
"	Araneid small yellow species	"	"
"	Psilio - 2 spines - very small. rufous thorax black head & antennae & wings	"	"
"	Dochilopod - red eyes	"	"
"	do? large & black 2 spines	"	"
"	Cicada	"	"
"	Pygopus - small specimens near base of	"	"
"	Hyla (raised line on each side of back)	"	"
"	Lebias 3 specimens	"	"
"	Elater - fine specimens	"	"
"	Gyrinus finest of the genus (new)	"	"
"	Grapsus - spider like climbing bushes marsh near Pidade	"	"
38	Buprestis rather less than inch long - green - vic. of Rio.	"	"
"	Elater 1 1/2 inches	"	"
"	Cuculionidae - 1 inch long	"	"
"	- " - 2/3 of an inch	"	"
"	Hyla variegated, slightly tubercular	"	"
"	Gryllus large species	"	"
"	Acridalis	"	"
"	Lepris	"	"
"	Chrysomela	"	"
"	do somewhat like Donaciod	"	"
"	Cimicid small depressed, antennae directed forward	"	"
"	Laphria small large species	"	"
"	Lygeus - fine 3 specimens	"	"
"	Gryllotalpa -	"	"

38 continue

- " Calandra 1/2 inch long Vicinity of Rio Janeiro
 " Staphylinid - minute species, 4 specimens - "
 " Apidae small "
 " Trichiid "
 " Curculionide - small - regular tubercles "
 " Formica large black - 2 spined prothorax "
 " Curculionide 1/4 inch - elongated "
 " Saltica ? "
 " Phoridium ? 1/4 inch long 3 specimens "
 " Formica small depressed - 8 spines "
 " do - an larva of preceding ? 9 spines "
 " Crinoid "
 " Chrysomela "
 " annelide - among Serpula - Praya Grande "
 " Scorpio variegated - base of scroto - "
 " Crabs - spider like - bushes of Karst - near Cidade "
 " Graculus - near Pettinga "
 " Cicindela "
 " Pecilus - - - - - Rio Negro
 " - do - very small with rufous eyes "
 " Cryptes with chestnut elytra - large species "
 " do small, black - without any horn - "
 " do intermediate species - black "
 " Leprobis - small blue spec. "
 " No. Genus. allied to Ateuchus "
 " Gymnetis - like nervosa but small "
 " Scotobius fine species - elytra tubercular "
 " do ? 5 rows of minute tubercles on each elytra "
 " Atis ? large species - no perfect ones obtained - "
 " Nyctelia - margin of elytra transversely furrowed "
 " do elytra granular "
 " do absolutely striated "
 " Prionus Deomastus Guerin ? upper half of antenna rufous - "
 " Prinaptus - large - thorax 3 strong spines on each side "
 " Stenocorus - large "
 " Cryptoccephalus - "

- 40 Mantid? Green - long stout wings - Rio Negro -
 " do? Congener of - pale "
 " Gryllus large variegated species "
 " do smaller species "
 " Centropyge - horns of Thorax short. "
 " Ashna small species "
 " Agrius do "
 " Myrmelionid "
 " Scolia large black species "
 " Typha? 1 Yellow spot on abdomen "
 " do? 2 posterior tibia & tarsi rufous "
 " Myrmica "
 " Pompilus - small - black abdomen red at base - "
 " do - black red band on abdomen "
 " do? very large - steel blue "
 " Spheg - abdomen rufous with a black band. "
 " do entirely a steel blue "
 " Larva? blackish abdomen rufous - "
 " do 3 sericeous bands on abdomen feet rufous "
 " Mutilla "
 " Alta? "
 " Myrmica - thorax 2 spined "
 " do? very small - thorax inerminis "
 " do? - pale rufous "
 " Colletes? "
 " Anthrax small? "
 " do? large species "
 " Asilus - large pale one - "
 " do - equal size - with red band on abdomen "
 " do - smaller, narrow sericeous bands on abdomen "
 - 41 Tropidolepis - 1 sp. - spotted & striped (fig. by Lieut. Craven) "
 " do 2nd colour 4. specimens "
 " do - large projecting scales (figured by Mr. Craven) "
 " do - slender striped one, Young figured by Lieut. Craven. "
 " Bufo small species - beach edge of salt water mouth of "
 " Mantid - pupa of "
 " Scolopendra - = Phaleria - one sp. "
 " Cicindela - one. Psephenus - two - Trout - 1 specimen "
 " Nyctelia - same as above - 7 sp. - Scotobius 2 sp. - "

Nos. of Insects - Contents & Localities

- 42 " *Borlasia* found under stones / fig^d by Mr Drayton. Orange Harb.
 " " *Polynoe* do " "
 " " *Octopus* - Straits Le Maire
 " *Clavaria* - from Mr Dana. (at Sea coast of La Plata)
 " *Soubeira* - marshes / fresh water 1/2 from Sea - Rio Negro
 " *Holothuria pallida* Couth. - Orange Harbor
 " *Entozoa* - Stomach of Delphinus, Feb. 9, 1835 (see Journal) Sea
 " *Patella cymbaloides* Lesson. - on Kelp - not very common Orange Harbor
 " *Thalassina* (Couth.) *Gaimardii* - new bivalve - on Kelp off Straits Le Maire
 " *Mezocopus* - several specimens - at Sea - coast of Patagonia
 " *Spongia* - small - Islands outside Harbour of Rio Janeiro
 43. 2 *Blatta* - large, scabrous, wood colour spotted black, dead trees. Orange Harbor
 " *Forficula* large species " "
 " *Carabus* - fine spec. - back golden green - near Observatory " "
 " *Scotobius* large Elytra ribbed - 3 miles inland of water core " "
 " *Carabidae* 2 Genera? 1/2 inch long, elytra almost smooth antenn. long " "
 " *Lycosa* large - 4 sps. - plains vicinity of shore burrows a foot deep " "
 " *Isopods* - 2 large specimens - woods back of observatory " "
 " *Colymbetes* 2 species - " "
 " *Pecilus*? but very broad, back green - legs rufous " "
 " *Anchomenus*? brilliant golden green above, legs & antenn. rufous " "
 " *Alticola*? minute, golden green but hind feet app. not enlarged " "
 " *Curculionidae* 1 spec. back flattened - a dist. angle on each side " "
 " do - same Genus more cylindrical " "
 " *Ephemera* (larva) 3 species mountain pools " "
 " *Cimicid* - small black - deposited - " "
 " *Pecilus*? perhaps diff't from preceding smaller " "
 " *Philoscia* - 1 spec. - under bark of decayed trees " "
 " Larva of *Curculionid* - do - Diptera near beach - " "
 " *Carabidae* 1 spec. minute 1/8 inch - gold green above blackish beneath " "
 " do? 1/6 inch - habit of *Lebia*, but elytra apparently not rounded " "
 " *Helops*? allied to that Genus - 3 species " "
 " *Lycosa* - 5 sps. medium size. thorax, feet & abdomen testaceous, " "
 " mottled with blackish - hills - burrows under loose stones " "
 " *Helops*? perhaps 2 species - smaller 18 specimens " "
 " do? perhaps 3 species, thorax broader & squarer, ~~more~~ all testaceous " "
 " *Araneidae* - 7 specimens different species - hills & woods - " "
 " *Helix saxatilis* Couth. under stones dry places top of hills " "
 " minute bivalve (*Thalassina*?) common - low tide under stones " "

- 44 Quantity of minute bivalves, under stones - tide mark Orange Harbor
 " do Small Littorina do - abundant "
 " Actinia (fig by Mr Drayton) do - scarce "
 " Two Calyptrae - roots of Kelp - "
 " Two Patelloidea - rocks washed by surf. "
 " 1 Chiton variabilis Couth. under stones low water mark "
 " 2 Ch. viridulus - " - do + dredged also in 16 faths - "
 " 2 Siphonaria common every where on rocks "
 " 8 Peronia - abundant under large stones - seashore, figured "
 " 1 Borlasia - do - not very common do "
 " 6 Amphibite - under large stones - tubes agglutinated gravel "
 " 1 Spin Annelide (Eunice?) - do - "
 " Thalassina C. Gen. nov. bivalve - on Kelp near shore "
 " Luidaris antarctica 10 faths water - "
 " Cerithium celatum Couth. 16 faths water, dredged "
 " 2 small Holothuria - 1 Cardita small - Burnt Is "
 45 Ova of Monoceros imbricatum? - Burnt Is "
 " Chiton variabilis 3 Specimens - do "
 " Holothuria rosacea Couth. 4 Specimens do under stones "
 " do pallida Couth. 2 " - near Reserving station "
 " Asterias 4 Specimens - at low tide do "
 " 8 Specimens Borlasia do do "
 " 1 do Annelide do do "
 46 Thalassina Couth. 2 Specimens, adherent to leaves of Kelp "
 " Patella deaurata Gmel. 1 - " - Common - eaten by all of us "
 " Fusus plumbeus Couth. 3 - " - tide, pools & among stones "
 " Siphonaria antarctica? Couth 21 Spins common. Figured "
 " Patella gmbuloides Lesson - leaves of Kelp - scarce "
 " Chiton variabilis C. 3 Specimens "
 " Actinia - 23 Specimens of several species figured - rocks low tide "
 " Animal of Siphonia antarctica 5 Specimens "
 " Holothuria small - 4 specimens (under stones low tide) "
 " Peronia marginatus Couth. abundant, do - 11 Specimens "
 " Doris 2 Specimens - species figured by Mr Louthorn "
 " Doris 1 Specimen less papillose do "
 " Animal of Patella deaurata Gmelin - abounding on rocks "
 " 1 Forchus, rufous outside - iridescent inside 1/2 inch diam. "
 " Rimula? 1 Specimen - 16 fath. adhered to anchor when hove up "

16
Nos of Specimens Contents & Localities

- 47 *Chiton olivaceus* - 3. common - Villamar beach Bay of Valparaiso.
 " *Ch. Luningii* 15 spms do do "
 " *Pissurella* 3 spms do do "
 " *Patelloidea* / *Patella scurra* Lesson do roots of Kelp "
 " Small black smooth *Trochus* 15 spms do abundant "
 " *Monodonta*, granular 1 Specimen near lighthouse "
 " *Patelloidea dubia* Couth. Villamar - rocks in surf "
 " do *Cilibraria* Couth do do "
 " *Asterias* 9 Species - various parts of Harbor - low tide "
 " *Murex crassilabrum* do do "
 " *Concholepas peruviana* do do "
 " Cluster of *Borlasia* - under stones - among surf - "
 " *Chiton Peruviana* Doemb. 3. Rocks in surf - Villamar "
 " *Ch. elegans* do - 2 spms do "
 " *Ch. granosus* do 2 - 1 - do "
 " *Mytilus* small. 16 - 1 - crevices of do "
 " *Siphonaria* - 5 - 1 - just above surf on rocks "
 " *Fusus* - small - 2 - 1 - under stones water's edge - "
 " *Echini* - small violet one - do - in surf - Villamar "
 48 *Asterias* 1 - 1 spm do "
 " *Trochus ater* Lesson - Common 2 spms do "
 " *Anonoceros crassilabrum* - do - 1 Specimen "
 " *Concholepas peruviana* - do - 2 - 1 - "
 " *Patelloidea* *Patella scurra*? (Less.) roots of Kelp. Villamar "
 " - do - *Castrensis* Couth. rocks in the surf "
 " *Loligo* small (2 inches -) thrown up on beach outside harbor, "
 " *Actinia* 6 species - various localities "
 " *Mytilus* with corallines on it Villamar beach "
 " *Echini* small - brown acicles do rocks in surf "
 " *Bulimus* 15 spm - from vicinity of Santiago "
 " *Annelides* 4 species - roots of Kelp. Villamar rocks - "
 " *Polynoe*? 1 specimen do do "
 " Small *Buccinum* do do "
 49 *Comatula* - 2 Species - brought up on anchor. Rio Janeiro
 " *Ophiura* - 10 - do (*aurilincata* Couth.) do do
 50 " *Actinia* 6 species. *Siganus* 1. do. 12 new Genus fresh water fish Orange Bay
 " *Syngnathus* - caudal - pectorals - a dorsal - anal not made out - "
 " *Blennius*? *Clinus*? 2 inches long. with mud on anchor. Scapenham Bay

No's labels *Contents of jars & localities*

17

- 51 *Chiton variabilis* Couth 12 spec's - tide pools Orange Harbor
 " *Thalassina* - new Gen. Bivalves - on Kelp - adherent - 8 spec's do
 " *Chiton viridulus* Couth - under stones at ebb. 5 spec's do
 " *Asterias* (small) under stones at low water Burnt I. do
 " *Jusuplumbus* Couth. 5 spec's common at low tide do
 " *Mytilus* 2 spec's - do
 " *Chiton setiger* King 2 spec's do
 " *Terebratula* - 1 spec dredged in 15 fath's do
 " *Siphonaria* - 1 spec - do
 " *Patelloidea* - high water mark Burnt I. (antarctic?) do
 " *Monoceros imbricatum* Lam 1 spec. common - do
 " *Sphaeroma* 3 spec's abundant under stones do
 52 *Bulinus Chilensis* 1 spec (near Quillota) --- Valparaiso
 Patelloidea cribraria Couth. - 3 spec's Villamar rocks do
 do - *dubiosa* - " - 4 " - " - do
 do *castralis* - " - 3 " - " - do
 do *from Patella scabra* Lessen? 2 " - roots of Kelp - " - do
 do new species small - 1 " - on other shells - " - do
 Chiton with animal - new? like *Chilensis* - " - do
 Chiton 2 spec's - near lighthouse do
 Ch. Cummingsii 1 spec - do - common every where do
 Minute *Lymnaea* fresh water canal near Villamar. Dr Pickering (in paper) do
 Dumetia fluvialis Couth. streams back of Valparaiso & Quillota do
 Limax - small 2 spec's do. Dr Pickering do
 Bulinus fumatus 2 spec's - small *Asterias*. near Villamar do
 Planaxis? striate with transverse ridges on spire salt water Dr P. do
 Columbella? minute - smooth - 1 banded - salt water Dr P. near do
 Vaginula - small, blackish - hills in vicinity - (one *Limaculus* Lessen?) 3 spec's do
 Actinia 7 spec's - diff't. species fig'd by Mr Drayton Villamar, in surf do
 Doris 2 - " - (very inaccurately fig'd by Mr D. - do - do
 Mygale? - near *avicularia* - very large - 1 spec - Dr Dana - Quillota do
 53 *Gryllus* - large [marked 57, in insect case] do
 *Ephemer*a do
 Tipula - large do
 Andrenidae 1. all golden green do
 Gonoleptis - 3 spec's alike, under stones in a moist ditch near Quillota. J.P.C. do
 do 1 - " - Dr Pickering. do
 Phalangium one - " - *Aconecyba* under stones, maculated on legs - Mr Couthorne. do

Nos. labels. Contents of Jars & Localities -

- 53^{cont} Scorpio - black, chela & exty. of abdomen - rufous - 3 spms near Valparaiso
 " Spectrum? like - same Genus as Brazilian Antenna short, head pointed - larva 2 - do
 " Formicidae - very minute - several - rufous or reddish brown - Aconcagua. Mr Louthouy do
 " Spectrum? but with short antennae 18 spm do
 " Gerris 4 species do
 " Acheta - black, under part of thigh rufous - rather small 2 spms do
 " Julis - annulate - rather large - 7 species Cuesta near Quillota do
 " Larva of Libellula - Stream near Aconcagua - do
 " Polydesmus 4 spms do
 " Trog large - 2 spms do
 " Acheta small, testaceous do
 " Aris - similar to - 4 spms do
 " Julis 2 species pale & nodular - Cuesta beyond Quillota under stones do
 " Belostoma - Larva - 2 spms do
 " Blatta do
 " Polydesmus or Craspedosoma, joints obtuse at side - Small species do
 " Rhonissus-like - new Genus? do
 " Larva of Coleoptera 1 inch long do
 " Curculionid - large - elytra 4 banded do
 " Coccinella - oblong - elytra 4 black bands & central line - 24 miles N.E. of Quillota, Con. do
 " Chrysomela - thorax rufous - black in centre - head also rufous do
 " Colymbetes 1 specim do
 " Helopisid black - 1/2 inch long - 2 spms do
 " Libellula - larva of small species do
 " Altica - legs testaceous - do
 " Gryllus? Larva of. do
 " Pupa of Lepidoptera do
 " Araneid - all pale rufous except abdomen - rather large - near Quillota, Con. do
 " Lepidoptera - Larva of - naked do
 " Formicidae - elongated - 2 nodules on pedicel of abdomen - 5 species do
 " Lepidoptera - Larva - hairy 2 species do
 " Araneid - 3 species - Cuesta beyond Quillota Mr Louthouy do
 " Rana - small - an ocellate spot on flanks - whole way between Aconcagua & do
 " Bufo - small - belly mottled black & white, tip of toes yellow do
 " Tropidolepis - small - no conspicuous projecting scales over the ears. do
 " fig by Mr Agate - from Cordilleras alt. about 8000. feet above sea do
 " Tettigonia small species - do

Nos of labels - Contents of Jars and localities

19

Objects in this jar from Valparaiso. Quillota & Aconcagua. Mr. B. & Dr. Pick.

54	<i>Adotea</i> small	Valparaiso
"	Too large - all those of above localities	Chili
"	<i>Blennius</i> , small - largest 2 inches - tentacle over eyes - Villamar	do
"	<i>Pholis</i> ? near 2 inches large scales no tent. - " - blk spot at base of tail	do
"	<i>Formica</i> , pedicel - single scaled, large, black 5 spines - Aconcagua. Com.	do
"	<i>Julis</i> same as annulated species & spines	do
"	- do - pale nodose like those in 53. - 3 spines	do
"	<i>Polydesmus</i> 3 spines - " - " - "	do
"	<i>Gerris</i> 3 spines - " - " - "	do
"	<i>Gonoleptis</i> 2 spines - " - " - "	do
"	<i>Belostomat</i> 3 spines - " - " - "	do
"	<i>Phalangium</i> 1 spine -	do
"	<i>Philoscia</i> 3 spines vicinity of Quillota	do
"	<i>Carabida</i> small - black. 3 species	do
"	<i>Pecilus</i> ? green 3 specimens	do
"	<i>Formicida</i> same as in 54, 2 knots on pedicel 2 species	do
"	<i>Setrix</i> - small - hills behind Valparaiso	do
"	<i>Helopidae</i> 12 spines large	do
"	do 1 spec. - perhaps 2 species - elytra more distinctly punctured.	do
"	<i>Peronia</i> - large - black - 3 species -	do
"	<i>Becheta</i> same as in 53 - 5 species	do
"	<i>Carculionid</i> - small	do
"	<i>Geophilus</i> 1 species - near rivulet at Aconcagua	do
"	<i>Scotobius</i> ? large -	do
"	Note - a verdigris col. <i>Scolopendra</i> . tips of antennae & feet rufous - was	do
"	common under stones on a hill by sea side Villamar. bottle with	do
"	specimens indurated broken & but one dry spec. saved - Conthouy -	do
"	<i>Craneids</i> 13 species, various species - between Quillota & Aconcagua	do
"	<i>Stellula</i> larva of	do
"	<i>Lumbricus</i> long & slender - Aconcagua. with.	do
"	do large; short depressed tail - Valle, or Rancho at Jaquel Aconc.	do
"	<i>Rana</i> ? or <i>Gastignathus</i> ocellate spot on each flank - feet not palmar.	do
"	too general - in streams Valpar. Quillota - Aconcagua & fig'd by Mr. G. G. G.	do
"	<i>Rana</i> 2 species not ocellate - flatter snout more obtuse - near Quillota	do
"	<i>Limax</i> - 5 spines - fig'd by Mr. Drayton San Felipe & Aconcagua - 5 spines -	do
55	Larva of <i>Rana</i> of unusual size - stream above the Alameda Valparaiso	
"	<i>Gastignathus</i> - same as in 54, 10 species vicinity of	do
"	- do - medium size app'ly same as last in 54 - 4 larva of same?	do

Nos of labels - Contents of Jars & Localities -

- 55 cont^d - *Tropidolepis ornata* P. green mottled species fig^d by Mr Azate 1 sp. Valparaiso
 " do. large common species - 2 sps. the smaller fig^d by Mr A. do
 " do. Small. 2 white stripes on flanks - 2 sps. common do
 " Bufo small - same as in 53 " 8 sps do
 " do - large. elongated body & limbs, head broad & flat skin tuberculous feet " do
 " slightly palmate!! under stone by stream at foot of luesta near Puillots
 " Lepidogaster 1 specimen same as those in key 4. do
 56 *Cystignathus ocellatus*. same as preceding 1 Dr Box 1 do
 " Acheta - very large - rufous - 1 do 1 hill near do
 " Cicada - found living at water edge on beach near landing place do
 57 *Scopelus* 9 species - snout subacuminate margin of upper jaw area -
 " test. stomach of *Thynnus* at sea off the coast of Peru
 " *Scopelus* 2 species - large (bluish) snout obtuse - large scales - series of very
 " small ones or plates on lateral line - Lat. 31. S. off Chilean coast 50 miles longitude
 " *Entozoa* large species stomach of *Thynnus* off coast of Peru
 58 Several specimens *Patellaidea cribraria*. benth. from Mr Bale - Valparaiso
 " - " - do - of black striated Turbo. do do
 " *Homidactylus Rio Janeiro?* *Gobius* do? do
 " Fish new genus? near *Priacanthus* - N. Atlantic drawn by do
 59 Cluster of ova - *Purpura?* Beach near Pettinga - Rio Janeiro.
 " 4. *Bulla ferruginea* benth - found among shrubs & Harbor do
 " 1. *Buccinum - viverratum* var? Island outside do do
 " 2 sps *Turbinella*. small fig^d by Mr D. do " do
 " 2 - ascidia - 3 fath's water off rocks near Playa Grande do
 " 1 - *Penicillaria violacea* L & G? refuse of fish stands - do
 " 1 - *Bulla diaphana* benth - do do
 " 1 - *Dolomedes?* & cocoon - House at Yigua, near do
 60 contains specimens from the East coast of Patagonia by Lieut Case,
 " Small Octopus " *Anomia* - *Porcellio?* 1 sp small Coleoptera - Orange Harbor
 61. Specimens of annelides - by Lieut Case from 50 fath's off E. coast, Patagonia
 62 do do do do do
 63 do do = Gammaridae & Doris do do
 64 Numerous species of do - Lieut Case do do
 65 Two species of Doris, Corallina & Annelids do do
 66 Doris? Actinia - Lieut Case. do do
 67 " 2 sps *Coelothuria* do do do
 68 " Gammaridae - & *Mytilus* do do do

List of Specimens contained in Boxes forwarded
to the United States from Callao the numbers being
continued from those forwarded from Rio Janeiro:

<u>No's</u>	<u>Contents</u>	<u>Localities</u>
14 A	5 Patella	Madeira
15 A	3 specimens of Bulla	Porto Praya
16 A	Serpulae and corallines	Rio Janeiro
17 A	Ostrea & Balani	Botafogo
" "	2 large Balani	do
" "	1 Venus flexuosa	head of Bay
" "	3 Monodonta	I. of Cobras
" "	4 Turbinella	Praya Grande
" "	1 white Murex	"
" "	2 small purple	"
" "	10 Buccina (vary polygonatum?)	"
" "	1 Buccinum (vary verrucatum?)	"
" "	1 Pyramidal Trochus	Outer Harbor
" "	3 Ampullaria	ditches San Cristovao
" "	3 valves of Cardium	Botafogo
" "	1 Plicatula	"
" "	1 Crepidula	"
" "	1 Sanguinolaria	"
" "	1 Amphidesma	Praya Grande
" "	3 valves of Pecten	"
" "	1 valve Cardium bullatum	"
" "	3 valves Mactra carinata	Botafogo
" "	1 " Tellina subfovil	near Rio
18 A	Bulla	Praya Grande
" "	Monodonta	I. de Cobras
" "	Fissurella	"
19	Arca	Praya Grande in Serpulae
"	Modiola	"
"	Fissurella	I. outside the Harbor
20	Crepidula	do
"	arca	do
"	Laxicava rocks	near Praya Grande.

22.	Nos	Boxes	Contents	Localities
21	1	Specimen	chiton ridis, b. outer harbour	Rio Janeiro
22	3	"	chiton versicolor b	"
23	3	"	Petelloidea - near Praya Grande	"
24	1	"	crispidula Outer Harbour	"
"	8	"	Littorina - Botafogo	"
"	7	"	Fissurellae, rocks outside Praya Grande	"
"	1	"	Purpura	"
25	6	"	Corbulae subfossil, field near San Cristovão	"
26	2	"	Modiola	"
"	2	"	Mytili (achatus?) Outer Harbour	"
27			Specimens Plustra fished up near Praya Grande	"
28			orbicula fimbriata benth.	"
29			A Quantity of Melania Peteningsensis L. Peteniza	"
30		30	do do do	"
31	4		Spec's Melampus - head of Bay in fields	"
"	1	"	Planorbis pools near Corcovado	"
"	1	"	Venus (valve) Botafogo	"
32	2	"	chiton asperimus b. 3 fathms water Praya Grande	"
33	5	"	Purpura, outer Islands of Harbor	"
34	4	"	do do	"
35	1	"	coleoptera Corcovado Summit (Dr. Pickering)	"
36	35	"	Planorbis cerisina benth. Pools near City	"
37	2	"	Venus flexuosa - head of Bay	"
"	2	"	valves Cytherea do Shell heaps	"
"	1	"	Monodonta - S. Cobras	"
"	2	"	Purpura 3 miles outside Praya Grande	"
"	1	"	Modiola (littorina) do	"
"	1	"	Valve of Mactra, beach at Peteniza	"
"	1	"	Petricola do	"
"	1	"	large Puccinum, donation locality, unknown	"
38		"	of corallines on tubes of annelides - Praya Grande	"
39	4	"	Mytilus achatinus. Is. outside	"
"	1	"	Meleagrina, beach - Botafogo	"
40	3	"	Siphonaria - Is. outside	"
41	1	"	Helix, hill near Botafogo	"
"	1	"	Cerithium & Ostrea - do beach	"
42		"	Plustra & Pertularia near Praya Grande	"
43		"	Mytilus achatinus, Is. outside	"
44	3	"	Unio Organ Mountains, (Dr. Pickering)	"

- 45 — 7 Spec's *Modiola* — Marshes near the aterado — Rio Janeiro
 46 — 5 — " — *Mytilus achatinus* — Is. outside of Harbor — "
 47 — 1 — " — *Mytilus* — Praya Grande — "
 " — 2 — " — *Cytherea* — near head of Bay (shell heaps) — "
 " — 1 — " — *Cerithium* — Rocks at foot of Sugar loaf — "
 48 — 4 — " — *Mytilus achatinus* — Is. outside — "
 49 — 1 — " — *Bulinus anisoleporis* — Tijuca — coffee plants — "
 " — 1 — " — " — var'y *B. gonistoma*? — Tijuca woods — "
 " — 5 — " — *Helix contusa* Ferr. — moist woods Tijuca — "
 " — 10 — " — *Littorina flava* King — foot of Sugar loaf — "
 " — 2 — " — *Bucc. var'y polygonatum* — head of Bay — "
 " — 3 — " — *Coronula* — Tortoise in market place — "
 " — 1 — " — *Helix* — fields near San Cristovao — "
 " — 1 — " — *Saxicava* — among Desbula P. Grande — "
 50 — — " — *Balanis* — foot of Sugar loaf — "
 " — — " — *Purpura* — Is. outside Harbour — "
 51 — 8 — " — *Tellina* (sub. fossil) — field near San Cristovao road — "
 52 — 1 — " — *Golen strigillatus* — Beach at Peteniza — "
 " — 1 — " — *Meritina* — among shrimps in market — "
 " — 2 — " — *Cytherea* — Shell heaps at head of Bay — "
 " — 3 — " — *Amphidesma* — among small fishes (market) — "
 53 — 1 — " — *Pupa* — new? — Hill near Botafogo — "
 " — 5 — " — *Helicina spurca* Louth — do (St. sordida King?) — "
 " — 3 — " — *Helix* (like *H. glaphyra* Say) — near Botafogo — "
 " — 2 — " — *Coronula* — Tortoise in market — "
 " — 9 — " — *Melampus* — Marshes head of Bay — "
 " — 13 — " — *Littorina* (perdis Lam?) — same as last — "
 " — 1 — " — *Meritina* — among shrimps in market — "
 " — 1 — " — *Anomia* — 3 fathoms water off Praya Grande beach — "
 54 — 1 — " — *Cytherea* — Shell heaps at head of Bay — "
 55 — — " — *Donax & Lucina* subfossil — locality of No 57 — "
 56 — 1 — " — *Venus maculosa* — near Botafogo — "
 " — — " — *Tariva* — Is. outside — covers the rocks — "
 57 — 1 — " — *Osteodesma Brasiliensis* Louth. — Beach 5 miles above city — "
 58 — 1 — " — *Cardium* — Botafogo Beach — "
 59 — 2 — " — *Littorina flava* — King — foot of Sugar loaf — "
 " — 4 — " — *Meritina* — seined up at Botafogo — "
 " — 8 — " — *Buccinum* (polygonatum?) — head of Bay — "
 60 — 3 — " — Test of *Aplysia* — Beach near Peteniza — "

- b1 — Specimens of Dentalium and Patelloidea from Anchor. R. Janeiro
 b2 — Modiola — marshes of the aterrado (tide water) "
 b3 — 1 Green valve of Venus — Beach near Petenunga "
 " — Pissurella Is. outside of Harbour "
 " — Modiola — among Despula Praia Grande "
 " — Purpura Is. outside "
 " — 3 Specimens Monodonta S. Cobras "
 " — 2 Mytilus achatinus with Balani attached — Is. outside "
 " — 2 Littorina flava King — rocks beyond Sugar loaf "
 b4 — Pholas — Solecurtus — Magilus — sub-fossil "
 " — from a field near Rio on San Cristovao road "
 b5 — Jania from Is. outside of Harbour, abundant there "
 " — Gorgonia found among refuse of Seines Botafogo. "
 b6 — 13 Specimens Planorbis cerisina both. pools vicinity Rio "

- b7 — 4 Specimens tubes of Hormella? beach near the disten. Rio Negro
 b8 — 8 valves of Pecten Beach at Rio Negro "
 " — 1 Plicatula " "
 " — 3 Crepidula " "
 " — 1 valve of Venus " "
 " — 1 Pyruia " "
 " — 1 Fissurella " "
 " — 2 Buccinum moniliferum " "
 " — 1 Murex lamellosus? " "
 " — 2 Oliva Lamarckii? " "
 " — 3 Monodonta " "
 " — 13 Mytili " "
 b9 — 1 Solen " "
 " — 7 Pholades! found in a calcareous earth along the beach "
 " — 1 Calyptra — among seaweed on beach "
 " — 44 small univalves — do " "
 70 — Spongia — northern beach — "
 " — " Fossil Ostrea — common on both beaches "
 71 — Spongia, & Tubes of Hormella? marl beds — beach "
 72 — Fossil pecten 2 Specimens — " "
 " — Fossil Ostrea 4 " — marl beds — " "
 " — 1 valve of Petricola — found in marl (recent) — "
 " — 1 valve Pectunculus } thrown up on the beach "
 " — 2 — of Venus }

No's of Boxes. Contents and Localities

72	continued	5 valves of Plicatula	along the Beach	Rio Negro
"	2	Specimens Crepidula	"	"
"	1	" Murex lamellosus?	"	"
"	2	" Fissurella	"	"
73	5	" Buccinum cochlidium	"	"
"	1	" Bucc. moniliferum	"	"
"	4	" Monodonta	"	"
"	1	" Anad. voluta	"	"
"	2	" Pygula	"	"
"	1	" Murex	"	"
"	1	" Pecten (single valve)	"	"
"	4	" Pectunculus (odd valves)	"	"
"	3	" Plicatula do	"	"
"	1	" Fissurella	"	"
"	3	" Mytili - adhering among marl beds -	"	"
"	1	" Fossil ostrea - all over the beaches	"	"
74	1	" Pecten (fossil from marl beds near Bluffs)	"	"
"	2	" Pholas do do	"	"
"	1	" Venus do do (mounted)	"	"
"	2	" clusters of Mytili, among do	"	"
"	1	" Plicatula - thrown up by surf	"	"
"	1	" Buccinum cochlidium do.	"	"
75	24	" Mytilus found adhering among rifts in marl.	"	"
"	1	" Crepidula thrown up by sea	"	"
"	3	" Valves of Plicatula do	"	"
"	2	" " Pectunculus do	"	"
"	1	" Statica "	"	"
"	1	" Fissurella "	"	"
76	1	" Voluta "	"	"
"	1	" Bucc. moniliferum "	"	"
"	1	" Bucc. Lamarckii ? "	"	"
"	1	" Bucc. cochlidium "	"	"
"	1	" Murex lamellosus "	"	"
"	2	" Pectunculus - valves - "	"	"
"	7	" Crepidula "	"	"
"	1	" Calyptraea "	"	"
"	1	" Plicatula "	"	"
"	1	" Oliva - Lamarckii ? "	"	"
77	1	" Pecten fossil from beds of marl near Bluff	"	"

25 No. Boxes Contents & Localities

78	—	Spongia	Thrown on beach at Rio Negro	
79	—	2 spec's of Bucc. cochlidium	do	"
"	—	1 — of Crepidula	do	"
"	—	1 — Monodonta	do	"
80	—	2 — Bucc. cochlidium	do	"
"	—	2 — Pygula	do	"
"	—	1 — Oliva Lamarckii	do	"
81	—	15 — Crepidula	do	"
82	—	Flustra from stomachs of Pinetodus		"
83	—	Mytilus & Modiola (recent) among mad beds		"
84	—	Spongia — thrown up by the surf		"
85	—	4 — Pholas found recent in marl.		"
"	—	1 — do another species	do	"
86	—	20 — Modiola Tide pools — on beach		"
"	—	2 — Pecten (odd valves) thrown up by surf		"
"	—	1 — Bucc. cochlidium	do	"
87	—	1 — Murex lamellosus?	do	"
"	—	7 — Bucc. cochlidium	do	"
"	—	1 — Pygula	do	"
"	—	3 — Monodonta	do	"
"	—	1 — Bucc. Lamarckii?	do	"
88	—	3 — Voluta	do	"
"	—	2 — Bucc. moniliferum	do	"
"	—	1 — Pecten	do	"
"	—	2 — Spongia	do	"
89	—	2 — Petricola — valves	do	"
"	—	1 — Pectunculus	do	"
"	—	1 — Oliva Lamarckii	do	"
"	—	1 — Bucc. moniliferum	do	"
90	—	1 — — — —	do	"
"	—	1 — Voluta	do	"
"	—	4 — Oliva Lamarckii	do	"
"	—	1 — Pygula	do	"
"	—	1 — Bucc. cochlidium	do	"
91	—	Fertularia & Corallina	do	"
92	—	Corallina	do	"
93	—	Panopea — recent?	do	"
94	—	Tubes of Annelides, (cover mad beds near Bluffs)		"

- 95 — } Specimens of *Portularia* - thrown up by surf. R. Negro
 96 — }
 97 — Valve of *Pholas* do " "
 98 — 13 Specimens *Dombeya* (bottle) fresh water stream 5 miles up " "
 99 — 2 — " — *Natica* — thrown on beach by surf " "
 100 — 1 — " — *Cardita* — among *Mytili* - marl beds. " "
 101 — — " — *Portularia* found on Beach " "
 102 — 15 — " — *Terebratula* — dredged in 10 faths. Orange Harbor
 103 — 3 — " — do diff. species do " "
 104 — 10 — " — *Murex* do " "
 105 — 4 — " — *Fusius* & 2 *Columbellae* do " "
 106 — 2 — " — *Pecten* & 4 *Calyptrae* — Burnt Is. " "
 107 — 4 — " — *Patelloidea* — common on the rocks " "
 " — 1 — " — *Trochus* (margarita) sandy beach (Observatory) " "
 108 — 56 — " — *Thalassina*? (bivalve) Kelp - adheres to common " "
 108.7. — Clusters of *Mytilus* Burnt Is. " "
 109 — 32 Specimens *Monoceros rubricatum* Common on rocks " "
 110 — 8 — " — *Fissurella picta* Lam?) 80 " "
 " — 6 — " — *Patella*) 80 " "
 111 — — " — *Alustra* — roots of Kelp — " "
 112 — 1 — " — *Asterias* (fig? by Mr. Hayton) under stones " "
 " — 15 — " — *Pissurella* " "
 113 — 74 — " — *Siphonaria* — common, head of Harbor " "
 114 — — " — *Portularia* & *Corallina* — Burnt Is. " "
 115 — 3 — " — *Balanus* (3 species) Watering Cove " "
 116 — 6 — " — *Chiton setiger*, 2 varieties common " "
 " — 12 — " — *Ch. variabilis* Conth. Tide pools in rocks " "
 " — 7 — " — *Siphonaria* common — " "
 117 — 1 — " — *Echinus* — rare — Watering Cove " "
 118 — 9 — " — *Siphon?* *lateralis* Conth. Burnt Is. " "
 119 — 5 — " — *Asterias* 2 species, under stones " "
 120 — — " — *Portularia* Observatory cove " "
 121 — 5 — " — Tubes of *Ambultrile*? under rocks " "
 122 — 3 — " — *Myzale?* & cocoons — plains near Observatory " "
 123 — — " — *Littorina* — a quantity, abundant under stones " "
 124 — — " — Small Venus? 80 " "

28 No 12 Contents & Localities

- 125 - 1 *Fusus plicifer* Couth. 16 fath's water Orange Harbor
 " - 2 *Species Fusus gracilis* C. do "
 " - 1 *Fusus semiplicatus* do "
 " - 4 *Species Murex lamellosus*? Rocks Burnt I. "
 " - 1 - " *Fusus levatus* C. 16 fath's water "
 " - 1 - " *Nucula pulchellata* C. do "
 " - 2 - " Small *Murex* do "
 126 - 12 - " *Chiton setiger* - common "
 " - 14 - " *Ch. variabilis* C. pools left by tide in Rocks "
 " - 14 - " *Patella* - common every where "
 127 - " - *Gonolobus* - woods back of Observatory "
 128 - " - *Tube of Chetosternus* - roots of Kelp "
 129 - 2 - " *Arancid*, burrows in plains near water cave "
 130 - 6 - " *Crepidula* - roots of Kelp - "
 " - 2 - " *Murex* - Seal I. mouth of Harbour "
 131 - 3 - " *Monoceros imbricatum* Lam. common "
 " - 5 - " *Patella* do "
 " - 2 - " *Ranella (eximium?)* Burnt I. "
 132 - 4 - " *Fusus plumbeus* crevices rocks low tide "
 " - 1 - " *Patella* "
 133 - 18 - " *Chiton variabilis* C. (see 126-) "
 134 - " - *Quantity Helix saxatilis* C. Sentry Box - "
 135 - 7 - " *Patella Gombulides* - occasional on Kelp. "
 136 - 4 - " *Corallina* Seal I. "
 137 - " - *Hydrophyte*, bottom of mountain pool "
 138 - 1 - " *Asterias* under stones at low tide - "
 139 - 10 - " *Chiton setiger* - common "
 140 - 1 - " *Echinus* found near observatory (rare, very) "
 141 - " - *Spongia* - rocks at low water "
 142 - 5 - " *Murex clathratus*? do "
 143 - 1 - " *Cidaris antarctica* Burnt I. only 2 seen "
 144 - 28 - " *Patelloidea* near observing station "
 145 - 44 - " *Fusus plumbeus* C. - rocks at low tide "
 146 - 3 - " *Asterias* do "
 147 - 3 - " *Chiton castaneus* C. under do "
 " - 1 - " minute *Fusus* - brought up on anchor "
 " - 1 - " *Turbo? Margarita?* do "

- 148 — 4 Specimens Spongia — Rocks Burnt I. Orange Harb.
 149 — 1 — Siphonaria do " "
 150 — 5 — Calyptraea roots of Kelp — " "
 151 — 4 — Patella — common " "
 152 — 1 — Pecten — Emmon's Harbour " "
 154 — 10 — Chiton viridulus Louth. under rocks, scarce " "
 155 — 12 — Succinea orata, plains back of water's edge. " "
 156 — 6 — Murex clathratus — rocks low-tide " "
 157 — 2 — Chiton pumilus, very rare do " "
 158 — 4 — Strophomena — by thousands do " "
 159 — 4 — Patelloidea — 1 Trochus — do " "
 160 — — Helix hiata, top of Sentry Box under stones " "
 161 — 4 — Fusus — new fig by Mr Drayton, low-water Burnt I. " "
 162 — 15 — Chiton setiger King. common on rocks " "
 163 — 7 — Murex clathratus — rocks at low tide. " "
 164 — 33 — Patella Hammea? 1 Crepidula. " "
 165 — 2 — Chiton setiger King. " "
 166 — 1 — Spongia — Burnt I. " "
 167 — 20 — Patella — abundant — eaten by native. " "
 153 — 2 — Trochus — dredged in 15 fathoms water " "
 168 — 1. valve of Nautilus watering cove " "
 " — 1 — Venus cove on Burnt I. " "
 " — 12 Specimens Patella — every where. " "
 169 — 3 — 2 species Spongia fig by Mr Drayton, low water rocks " "
 170 — — Pertularia — watering cove " "
 " — — Helix roots of Kelp — " "
 " — — Balanus — rocks near Observatory " "
 171 — 5 — Buccinum? large one fig — Back of Burnt I " "
 172 — 1 — Balanus — near Observatory — not common " "
 173 — 4 — Fusus plumbeus Louth. " "
 174 — 11 — Chiton setiger King several varieties " "
 175 — 18 — Ranella vexillata — rocks near water's edge " "
 176 — 20 — Tridacna picta — common in surf. " "
 177 — 2 — Trochus ater, Lesson. Villamar Bay of Valparaiso " "
 " — 1 — Triton scaber? do " "
 " — 2 — Turbo — rocks at low tide do "

No. 3000 Contents & Localities

178	2	Patelloidea cribraria G.	Villamar	Bay of Valparaiso	
"	1	Siphonaria	do	"	"
179	4	Patelloidea castronsis G.	do	"	"
"	10	do cribraria	do	"	"
"	8	do small new	do	"	"
180	4	Chiton Peruvianus Domb	do	"	"
"	1	Ch. Fremblayi Domb	do	"	"
181	1	Venus	Beach	do	"
"	2	Patella tramosenica	do	"	"
"	2	Pissurella	do	"	"
182	1	Chiton stimpferus	Surf washed rocks	"	"
"	1	Ch. Chilensis Domb	do	"	"
"	3	Ch. Caminensis Domb	"	"	"
184	50	Dombeya fluviatilis G.	Quillota (concom)	"	"
184	8	do do	do	"	"
"	9	Specimens Planorbis	do	"	"
"	3	Ampallaria fragilis Gray	N. Zealand (Donation)	N. Zealand	
185	50	Littorina Peruviana	Villamar	Valparaiso	
186	1	Echinus	rocks in the surf	"	"
187	10	Specimens Concholepas	peruvianus	"	"
"	5	Patelloidea castronsis G.	"	"	"
"	5	do cribraria G.	"	"	"
"	9	do dubiosa G.	"	"	"
188	16	Specimens Crepidula	from large Mytilus of Bay	"	"
"	2	Calyptraea	on Kelp Villamar	"	"
"	1	Patelloidea new	do	"	"
"	4	Turnitella	Beach	"	dead
189	38	Siphonaria	rocks vicinity	"	"
"	1	Calyptraea	do	"	"
"	1	Crepidula	from Mytilus	"	"
"	1	Venus	beach	"	"
"	2	ova of Monoceros?	"	"	rocks
190	2	Helix Banksia	Tacatuan	Mrs Hobson don	"
"	4	Bulinus gravesii	Cuesta near Quillota	"	"
192	15	Dombeya (punctulata Lam) fluviatilis Less	do R. Concom	"	"
193	6	Lymnaea	stream near Quillota	"	"
194	2	Bulinus	Summit of Cuesta beyond Quillota	"	"
"	1	Puccinea	Stream margin 5 beyond do	"	"

- 195 — Specimens of *Hygrometrum*? under stone Aconcagua.
- 196 — — of *Anulus* & *Lymnaea* stream near copper mines Aconcagua.
- 197 — Clusters of *Mytili* — rocks beyond Villamar — Valparaiso
- 198 — 4 Specimens *Mesodema donacia* wreck of the *Emeralda* — "
- 199 — 16 — *Crepidula* from large *Mytili* — "
- " — 1 — *Calytroea* — do — "
- " — 2 — *Trochus ater* Lesson Villamar — "
- 200 — 19 — *Chiton olivaceus* — do — "
- " — 2 — *Ch. spiniferus* rocks far in surf — do — difficult — "
- 201 — 34 — *Ch. granosus* Desm. crevices of rocks Villamar — "
- " — 4 — *Fissurella* (*crassa* Swains?) in the surf Villamar — "
- 202 — *Plustra* & *Anatifa* on Kelp at sea near coast of Chili North of — "
- 203 — 2 Specimens *Patella chepester* Lesson — (near lighthouse — rare) — "
- 204 — 12 — Small *Littorina* — Villamar — water's edge — "
- 205 — 22 — *Monoceros crassilabrum* — do — common — "
- " — 10 — — do — costated one (young of preceding?) scarce — "
- " — 10 — *Trochus ater* Lesson Villamar — "
- " — 12 — *Turbo* black; striated one — do — "
- " — 13 — *Monodonta* do smooth — do — "
- " — 15 — *Murex crassilabrum* — do — "
- " — 1 — do *reticulatum*? — do — "
- " — 4 — *Patelloidea* (*Patella* *sauna*) — do — "
- " — 2 — *Balanus* 3/4 inch high — near lighthouse — "
- " — 13 — *Mytilus* crevices of rocks Villamar — "
- " — 1 — Small *Modiola* — do — "
- " — 3 — *Littorina peruviana* — do — "
- " — 2 — *Gurritella* from beach do — (dead & worn) — "
- 206 — Quantity of small bivalves under stones low tide Orange Harbor
- " — 2 small *Pecten* (no base) dredged in 40 faths off Coast of Patagonia
- " — 1 small white *Fusus*, do — costated revolving stria all over — some locality — "
- " — 5 — *Mytili* — Young of *Magellanicus* — do — "
- " — 1 — red, raceous *Trochus* like Or. Harbor species — do — "
- " — 12 — *Laxicava* longitudinally sulcate — (*Modiola*?) — do — "
- " — 2 — *Fusus* — 1/4 of an inch long — do — "
- " — 1 — *Stictia* — much defaced — do — "
- " — 30 — of a small hyaline bivalve — Venus? — do — "
- " — 1 valve of *Anatina* — perhaps *Thracia*? has no support — do — "
- " — 7 Specimens of small *Trochella* in tubes —, sandy — do — "
- 207 — contains *Thalassina* n. gen. bivalve from Kelp — in Orange Harbor

32
 No. of Boxes Contents and Localities

- 208 - contains specimens of same as preceding. Orange Harbour
 209 - 5 spms Calyptrigae - dredged in 40 fath water off E. Patagonia
 " - 1 small white Natica much like a var. of *N. consolidata* Couthouy
 " - found in Massachusetts Bay - 40 fath water off East Co. of - do
 " - 3 small Terebratula do do
 " - 1 - " - Murex - Sharp-decussated costae do do
 " - 2 - Macrurus Trochi - like Or. Harbor species do do
 " - 1 spm of Nucula sulculata Cuth. - do do do
 " - 6 - " - Cerithium celatum do do do
 " - 2 - " - small hyaline Venus like those in 206 - do do
 210 - Spongia from Rio Negro. Mislabelled from proper series Rio Negro
 211 - 2 cones - Habitat? perhaps australis Is. - Donation at Valparaiso
 " - 17 Cypraea pustulata, coast of Mexico according do
 " - 18 do radians } to Gray's Monog. Cypraea do
 212 - 2 ovula - rostrated somewhat, white - 2 planasides - local? do
 " - 2 Pleurotoma - fusiform - colored black - 1 clavata - " - do
 " - 4 Columbella - (rustica?) Donation " - do
 " - 1 Buccinum aciculatum " - " - do
 " - 5 Small pyramidal Trochi - " - " - do
 213 - 34 Specimens Columbella (rustica?) " - " - do
 " - 30 - " - Oliva - nana? " - " - do
 " - 2 - " - Natica " - " - do
 " - 1 - " - of Buccinum cruentatum Kien. " - " - do
 214 50 - " - Cypraea sanguinea " - " - do
 215 58 - " - Oliva nemoralis " - " - do

Note All the above are packed in a Box marked Zoological Specimens No. 1 - 200 Boxes of Shells - Joseph P. Couthouy -
 J. P. C.

Box marked "Zoological specimens No. 2. A. Sutherland and Joseph E. Cuthbert" - contains the following articles each having a leaden label with a number attached.

Nos. labels

- 1 - Large *Voluta* seized up by fishermen Harbour of Rio Janeiro
- 2 - Specimens of *Corallines* on *Peripala* Is. outside - " do
- 3 - do of *Mytilus achatinus* var. do " do
- 4 - do do do " do
- 5 - 3 specims of *Balanus tauraisii* - woods near Tijuca riv. do
- 7 - 1 do do do do
- 6 - Valve of *Pinna* from beach near Porto Praya - St. Jago -
- 8 - *Purpura* - from log at sea near the azores -
- 9 - *Capsa Braziliensis* - sold in the market Rio Janeiro
- 10 - Fossil *Ostrea* - strewn the beaches mouth of Rio Negro.
- 11 - do do do
- 13 - *Balanus* upon *Cardium* fossil - beach - " do
- 12 - 4 specims *Pyrala* thrown up by surf - " do
- 14 - Valve of *Arca* do " do
- 15 - *Ostrea* & *Pecten* imbedded in marl near " do
- 16 - *Trochus* - 2 specims - Beach of Botafogo near Rio Janeiro
- 17 - *Voluta* - brown flammulations - thrown up by surf Rio Negro
- 18 - *Voluta colocyntha* - 2 specims - do do
- 19 - do - *magellanica*? or new - near shore Orange Harbour
- 20 - *Venus* from beach near watering cove do
- 21 - Bundle of *Corallina*, *Plustea* or rocks of do
- 22 - *Patella deaurata*, 50 specims (see case) do
- 23 - Cluster of *Balanus* - dredged in 15 fath's - do
- 24 do do do do
- 26 - *Mytilus* 15 specimens - rocks Burnt Is. & alii do
- 25 - *Venus* & *Macra* - beach near water cove do
- 27 - do large specimen - " of Burnt Is do
- 28 - *Mytilus* with *Balanus* - a new species adherent - do do
- 29 - *Voluta* - small - dead shell from beach do
- 30 - *Mytilus* 18 specimens - various localities do
- 31 - *Venus* - same as no 27 do
- 32 - *Mytilus*, *Magellanicus* - 8 specimens do
- 33 - do - in a bundle - various localities do
- 34 - Valves of 2 species of *Venus* - beaches - sandy do
- 35 - *Antella* - beach near Praya Grande (quadrifora?) Rio Janeiro

- 36 Large *Crepidula* & 3 *Fissurella* Bay of Valparaiso
 37 " *Mytilus* (*bidentatus* Lin?) (sold in market) do
 38 *Asterias* - *helianthus* - *villanovae* do
 39 *Chiton* *spiniferus* - Doemb. 9 large sps - " do
 40 *Purpura* *patula* auct. 2 large species - donation at Valp. - locally unknown
 41 *Murex* *ducalis* Sow. ? 3 fine - " do
 42 Box 171, of Catalogue of modern boxes, preceding - sps from Orange-Harb.
 43 *Oliva* *angulata* Lam. 4, received with 40 & 41 - probably Panama.
 44 *Natica* *conica* n. ? 2 sps do do locally uncertain
 45 *Terebratula* 2 species from Capt. J. Walsh, Valparaiso do
 46 *Strophomena* *multicostata* Br. do " do
 47 - Group of *Balanus*, attached to rock from Villanueva coast - Valparaiso

The following articles are contained in a Tin Canister, packed in a box marked "Zoological Specimens No. 3. Lieut. Base & Underwood" & were all collected near I. San Lorenzo, Callao roads, by Lieut. Base and Underwood - previous to the arrival of the *Unicurus*.

- Chiton* *Cunninghami* Doemb. 170 specimens
 do *spiniferus* do 13 " "
 do *coquimbensis* do 1 " "
 do *Peruvianus* do 13 " "
 do *Elegans* do 3 " "
 do *granosus* do 24 " "
Patelloidea - 350 specimens (castrensis & dubiosa Cuth?)
 do 12 do *peribraria* Cuth. same as Valparaiso
Fissurella *crassa* - 18 do common
Concholepas *Peruvianus* do
Pecten *purpureus* auct. 36 sps - dredged in 15 or 20 fath
Ranella ? *Tritoniform* 9 " do
Calyptraea 43 " do
Crepidula 4 " do
Cryptostoma 4 " do
Venus - ribbed species 4 " do
Natica ? white - corneous opercle - 10 sps do
Triton scaber ? 7 species do
Purpura *chocolata* - 4 sps
Venus - striated - mottled brown 3 sps do
 do - reticulate - massy species - 2 " do

Contents of Canister continued

- 1 Box containing Small Patellidæ J. San Lorenzo
 1 Pentagonal asteria - variegated colour do
 4 clusters of Anomia - on rocks at low tide do
 75 small species Chiton cummingsii abundant do
 55 specimens Pissurella - do with dark radiations do
 14 do Lithodroma - attenuated extr. spines - ledge near Callao
 8 do Petricola - do
 5 do Turritella from spins, beach near Valparaiso
 1 Purpura with Balanus attached. Harbor of Rio Janeiro

Box marked Zoological Specimens No. 4. A. L. Case, Shells & Asteroidea²⁰
 contains -

- Paper with cartilage of Pospita from Equatorial Atlantic
 Cranium of a Cavia found near the beach at Rio Negro.
 7 Specimens of Pecten dredged in deep water on E. coast of Patagonia
 Brown paper with astorias do do
 White - " - " - 3 spins Ophiura do do
 " - " - " - 8 - " - do on kelp do
 " - " - " - spec. Solasteria dredged in 40 faths do
 " - " - " - do do larger do do
 " - " - " - 18 spec. Ophiura from kelp do
 " - " - " - 4 do do dredged in 40 faths do
 " - " - " - 1 Small Pentasteria do do
 7 Specimens of large smooth ovate depressed Tetratula do do
 2 " - of a laminar coral do do
 3 " - Small brown Echinus do do
 3 " - Cidaris like orange Harbor species do do
 Paper containing spec. of Euryalis do do
 do - (Brown package) with astorias Orange Harbor -
 2 spec. Maestra / Edulis King? do

Box marked Zoological Specimens No. 5. A. L. Case & Jos. P. Conthorn - Shells²⁰
 contains -

- 2 Spec. Balanus ovatus - market - Rio Janeiro A. L. Case
 1 Stomatopus - dredged in deep water on E. coast of Patagonia "
 1 large Scabrous 5 rayed asteria - Orange Harbor "
 2 Voluta - same crimson animal as or. Harb. spec - dredged with Stomatopus "
 11 spins Astorias / Helianthus? / Bay of Valparaiso "

5 Specimens of 5 rayed orange coloured *Asterias* Bay of Valparaiso
 large spiny 8 rayed *Asterias* do
 42 Specimens of *Echinus* - I. San Lorenzo - Callao roads

Box marked "Geological Specimens No. 6. Jos. F. Couthouy. Shells"

contains

2 Specimens *Strombus* - *latissimus* - ? / Donation - locality unknown
 9 - " - *Murex* - *ducalis*, Sow? with poey at Valpar. - do -
 1 - " - *Concholepas* *peruvianus* - I. San Lorenzo - Callao roads
 11 - " - *Echinus* *norm* *species* - do

Box marked "Geological Specimens No. 7. A. Ludlow Case - Shells &c"

contains -

Specimens from Good Success Bay, - Relief Bay Terra del Fuego -
 Sea Coast Hermis Is. - Orange Harbour. - deep water off coast of C.
 Patagonia - Valparaiso Bay - Callao Roads & a few from Rio Janeros

Box marked "Geological Specimens No. 8. G. T. Sinclair -"

contains Specimens of Shells from same locality as the preceding

Box marked "Geological Specimens No. 9 - by A. T. Agate -"

contains Specimens of Shells from Coast of Patagonia & Terra del Fuego -

Box marked "Geological Specimens No. 10 - Lieut. Underwood"

contains

A tin box with 33 *Terebratula* from 50 faths sound, C. Coast of Patagonia
 15 *Modiola* & 7 *Petricola* from Callao rocks -
 A leaden do - 33 *Patella* *flammea* & 150 *P. decussata* Terra del Fuego -

do - with 50 *Pecten* (Patagonicus?)

" 18 *Echini*

" 11 Small *Terebratulae*

" 1 large do

" 13 *Chitons* - 7 other small shells

" 2 *Calappa*

" 5 *Spherone*?

" 18 *Ranella* (*rexillum*?) Orange Harbour

" 50 Large *Puccinia* - 28. *Monoceros* *imbricatum* - do

" 2 - " - thick ribbed *Vermetus* - do

All from 50 to 60 faths

water, by dredging

off E. Coast of Patagonia

37.

Box marked "Zoological Specimens" "Lieut. Underhill" continued

A leaden Box - with 24 spins Venus part of valves Rio Janeiro

" 29 " Donax odd valves do

" 6 " - Chiton do

" 5 " - Pecten do

" 9 other shells do

" 104 Patelloidea - shores of San Lorenzo

" 25 Calyptrae Callao Bay -

A third leaden Box has 24 dead Pulina - vicinity of Pachicamas

88 - do - smaller - do -

40 Crepidula - Callao Bay

100 small Chitons do (San Lorenzo)

34 - " - Patelloidea do do

5 Chitons from Bay of Valparaiso

Ground Tin Box has 62 Calyptrae " Callao Bay

32 Crepidula " do

Specimen perforated clay - S. ofaths E. coast Patagonia

7 Mytili Terra del Fuego

4 Concholepides Bay of Valparaiso

a large Balanus - Callao Bay with 200 specimens
of small Pulina in it from S. of San Lorenzo.

15 Pecten/purpureus? Callao Bay

10 Mytili do

90 Anomia in clusters do

32 Trochus pater Less. ? do

3 spins of small Venus - do

13 Fissusella - Terra del Fuego

12 Mytili do

6 large Luccina do

A number of small shells not catalogued will be found in the
larger ones packed in cottons, to be taken out with care -

Box No 11. Zoological Specimens contains the Boxes No 3 & 4
of the above catalogue and the following specimens -

Tongues of 2 Albatrosses - do of 1 Penguin; do 1 Micropterus. Orange Harbor

Skull of an eel - do of a sea bird - S. of San Lorenzo

Under jaw of a Porpoise

Head of Phaeocephalus (Chilensis?) Valparaiso -

do .. Pelicans - (from Lieut Case -

Box marked "Zoological Specimens No 11" contains
 Fragment of a deer's horn - from Peru
 Skull of *Stenotaphrum* - Orange
 do " Fish ?

Eight human skulls from ancient burial place near Pachecanac
 Specimens of cordage, weaving, sewing & spinning utensils, cottons cloth
 of various descriptions - spinning; - Fragments of Pottery - same locality
 Indian corn, black variety - an ear of pointed do - husks, cotton &
 cotton seeds, Gourd shells - from same burial place
 Specimens of rocks from Orange Harbour
 Section of a stone - do four eyes
 2 Skulls Inla - 1 of Condor - 1 of Albatross -

Box marked "Zoological Specimens No 12" contains
Monoceros from Orange Harbour
Triton ? Good Success & Orange Harbour I. del Fuego
 12 large *Buccina* - do
Panella (*rezallana*?) do
Fissurella (*picta*?) do
Patella *deaurata* & *P. flammea* do
Monoceros - *imbricatus* Str. of Le Maire
Fissurella do
Patella Or. Harbour
Venus from Relief Bay - Terra del Fuego
 do " Orange Harbour - worn -
 Specimens of *Mutilli* do
 Box of coins - Brazil, Buenos Ayres & Chili from J. W. W. Dyer -

Box marked "Zoological Specimens No 13" - contains
 Nos - 1 - 8 " 9 " 12 of the foregoing catalogue - and a Bag
 of the large *Mutilli* sold in the market at Valparaiso from Lieut
 J. W. Graven -

Note. The 2 breakers & glass jar should have the Alcohol poured
 off & replenished with fresh spirits immediately on the ar-
 rival of the specimens - care being taken not to disturb any of
 the labels -

Joseph P. Couchman

Callao Roads, July. 5. 1839.

Summary of the articles shipped on board
the U. S. Ship Relief from C. Pickering and
Joseph P. Couthoury -

- 1 Keg marked "Zoological Specimens No 3. from C.P. & J.P.C." contains in addition to the catalogued specimens - all the Glass jars from No 30 to No 59 inclusive of preceding catalogue
- 1 Keg marked "Zoological Specimens No 4 from C.P. & J.P.C." contains in addition to the catalogued specimens, nine Glass jars numbered. b0, b1, b2, b3, b4, b5, b6, b7, b8 - of preceding catalogue
- 1 Box marked "Zoological Specimens No 2." Shells - J.P.C.
- 1 do " " do No 5' do do
- 1 do " " do No 6' do do
- 1 do " " Lieut. A. Ludlow Case "Zoological Specimens No 7
- 1 do " " Lieut Underwood "Zoological Specimens No 10"
- 1 do " " Zoological Specimens contains Boxes No 3. & 4 of the foregoing catalogue & the articles enumerated from Pachecamae on pa. 38. of catal.
- 1 do marked "Zoological Specimens No 13". contains enclosed the Boxes - of "Zoological Specimens numbered 1, 8, 9 & 12 of the foregoing catalogue - and a bag of Mytili - from Lieut J. J. Craven (from Market of Valparaiso.)

In all therefore, there will be Nine separate packages - viz
Two Kegs & 7 Boxes - marked "Zoological Specimens" -

Joseph P. Couthoury

Catalogue of Specimens
Sent to the U.S. by
the U.S. Ship Relief
1838

List of Boxes, & Trunks containing Specimens
of Zoology, Mineralogy, Botany &c collected
by the Exploring Expedition and placed
on board the U. States Ship Relief for
transportation to the U. States - viz

No 3 Box contains -

1 Segar Box of Shells
1 Deer head & horns
1 Skin of Canis Patagonica
2 " " Faluscia (Mmuta)
40 " " Birds

No 4 Box contains

17 Ornithological Specimens.

No 5 Box Contains

6 packages of Shells
4 Segar Boxes " "
2 packages Star fish
3 Ratone Skins
1 Opossum rat Skin
1 Lizard
77 Ornithological Specimens
1 Small box Insects

No 6 Trunk contains

1 Guanaco Skin
1 Deer " "

No 7 Trunk Contains

1 Guanaco Skin
2 Fox " "

No 8 Box contains

1 Porpoise Skin
1 " (Young) "

No 1 Box contains

6 Albatross Skins
3 Wolf " "
1 Armadillo " "
24 Birds " "

No 2 Box contains

1 Porpoise Skull
52 Bird Skins

No 3 Box Contains

5 Albatross Skins

1 Trunk containing a Sea Leopard Skin

1 Bundle " 14 lances from the Savage Islands
own

The foregoing list of Specimens, were collected by Mr J. A. Peale Naturalist of the Expy. Expon. The boxes are marked "Exploring Expedition Zoological Dept. No 1" and are sealed with the seal of the Expedition -

Trunk No 1 Contains	Crustacea
" No 2 "	"

Box No 3 Contains	Minerals
" No 3 "	"
" No 4 "	"
" No 5 "	"

Collected by Mr J. D. Dana Mineralogist -
 Marked, the Keys, "Crustacea" and the
 Boxes "Mineralogy Exploring Expedition"
 and sealed with the seal of the Expedition

Box No 1 Contains	Botanical Specimens
" No 2 "	"
" No 3 "	"
" No 4 "	"
" No 5 "	"
" No 6 "	"
" No 7 "	"
" No 8 "	"
" No 9 "	Seeds & Plants

Collected by Messrs Wm. Thib. Botanist, and Wm. D. Brackenridge, Botanist. Marked
 "Botanical Specimens, Exploring Expedition"
 and sealed with the seal of the Expedition

No 5 Box	Contains	ical Specimens
" 6 "	"	do
" 7 "	"	do
" 3 Box	"	do
" 2 Box	"	do
" 4 Box	"	do
" 10 Box	"	do
" 11 "	" Box No. 3 & 4 -	do
" 13 "	" " No. 1, 8, 9, & 12	do

Collected by J. Conchoy and C. P. Perry
 Naturalists. "Exploring Expedition"
 Zoological Specimens No. 4 and sealed
 with the seal of the Expedition.

One Box. Marked "Mammals Exploring
 Expedition"

One Box. Marked "Salt Water from
 different depths Exploring Expedition"

List of Specimens
Sent to W. L. & P. R. L.

1839

Breaker ^{Marked}
^{Exploring Expedition}
Crustacea Breaker No 1
Can of J Peale Esq.
Museum Philad —

^{Exploring Expedition}
Crustacea Breaker No 2.
Can of Jc

^{Exp. Exped.}
Minerals, Box No 2
Can of Jc

^{Exp. Expedition}
Minerals, Box No 3
Can of Jc

^{Exp. Expedition}
Minerals & Crustacea Box No 4
Can of Jc

^{Exp. Expedition}
Minerals, Box No 5 —
Can of Jc

List of Zoological and Ornithological specimens
collected by different persons in the U.S. Exploring Expedⁿ
and sent home in the U.S. Ship Relief from Callao
July 1839 directed to the care of Franklin Peale Esq
Museum Philadelphia

Box N^o 1. 6 Albatross skins
 3 Wolf ♂
 1 Armadillo —
 24 Birds —
 1 Porpoise skull.

N^o 2 52 Bird skins

N^o 3 5 Albatross skins

One Keg containing, Sea Leopard skin

List of Specimens sent from the US Exploring Expedition.
 Calao. June 1839 to the care of Franklin Peale Esq
 Museum Philadelphia. per Ship. Relief

TRP No 3 (Box containing)

- 1 Sugar box, shells
- 1 Deer head & horns.
- 1 Skin of Cavia Patagonica
- 2 ♂ & ♀ Tatusia minuta
- 40. ♂ & ♀ Birds.

Coast of Patagonia
 &

Terra del fuego.

TRP No 4 (Box containing)

- 17 Ornithological Specimens

South Sea

TRP No 5

- 4 packages of shells. Capt Hudson.
- 2 sugar boxes ♂ & ♀ Enmons.
- 2 ♂ & ♀ go. TR Peale.
- 2 package ♂ & ♀ ♂.
- 2 ♂ star fish ♂
- 3 Ratoné skins.
- 1 opossum rat.
- 1 Lizard.
- 77 Ornithological Specimens.
- 1 small box Insects.

South Sea

&

Chile

TRP No 6 (Keg)

- 1 Guanaco Skin
- 1 Deer. go.

Patagonia

TRP No 7 (Keg)

- 1 Guanaco Skin
- 2 Fox go.

Chile

TRP No 8

- 1 Porpoise skin
- 1 ♂ young.

Coast of Chile

1 Bundle 14 lances from the Salvage Isl^{ds}. Capt Hudson.

List of Specimens sent
to the U. States from Calao.
June 1839
J. D. Peck,
U. S. Explorer.

Copy

List of boxes and crates containing specimens
of Zoology, collected by Mr J. R. Peale

Box No 3 Contains

1 Segar box of Shells

1 Deer Head & Horns

1 Skin of Cavia Patagonica

Statute (Mammals)

of Birds

1 Zoological Specimens

Packages of Shells

1 boxes of do

1 Rings of Staghorn

1 Stone & Skin

1 Museum Rat "

1 " and

1 Zoological Specimens

1 all box Insects

1 canaco & Skin

1 " "

1 canaco "

1 " "

1 Porcupine "

1 " "

1 batross "

1 calf "

1 in a dille "

1 Birds "

1 Porcupine Skull

1 Leopards Skin

1 from Japan Island

New Caledonia:

New Hebrides

Esperite Sands.

Santa Cruz. perhaps to New Hebrides

all about 165 E.L. and bet 10-15.

Lejees.

Narragansett Sammons

Ring Moll.

Long,

Ring Moll.

Caroline Arch.

Lat O. Lon. - 175 E.

Sandwich

Pearl Bay. 158. W. 10 N.

Sandwich

Get out back.

Copy

List of boxes and breakers containing specimens
of Zoology, collected by Mr J. R. Peale

Box No 3 Contains

1 Segar box of Shells
1 Deer Head & Horns
1 Skin of Cavia Patagonica
2 " Satutia (Mammalia)
40 " of Birds

Box No 4 "

17 Ornithological Specimens

" No 5 "

6 Packages of Shells
4 Segar boxes of do
2 packages of Starfish
3 Ratone Skins
1 Opussum rat "
1 Lizard

77 Ornithological Specimens

1 Small box Insects

" No 6 "

1 Guamaco Skin

1 Deer "

Breaker No 7 "

1 Guamaco "

2 Fox "

Box No 8 "

1 Porpoise "

1 Goring "

Box No 1 "

6 Albatross "

3 Wolf "

1 Armadillo "

24 Birds "

1 Porpoise Skull

1 Sea Leopard Skin

1 Keg Containing

1 Bundle "

14 Spears from Savage Islands

List of boxes &c. containing Specimens
Shipped to the U. States per Barque
Shepherdess, Hooper Master, In 1839

- ✓ 4 Tubs containing Coral numbered from 1 to 4
 ✓ 2 Boxes do do 5 & 6
 ✓ 5 Boxes Shells lettered from A to E and
 numbered from 1 to 5 -
 ✓ 1 Barrel do Marked F numbered 6 -
 ✓ 1 Keg marked G numbered 7 -
 ✓ { 4 Boxes Marked W.S. Eastern Coral No 1 to 4
 ✓ 1 Box do Crustacea No 4
 ✓ 1 do do Philological
 ✓ 3 do do Mineralogical 6. 7. 8
 ✓ 1 do do Ornithological No 9
 ✓ 1 Barrel do Native implements No 6
 ✓ 1 do do Shells No 5.
 ✓ 1 do Marked Specimens W.S. Big Porpoise
 ✓ 1 Box do do
 ✓ 16 Bundles containing Native implements
 Mats, Japas &c -

Marked
Pearce

Specimens
List of boxes sent
from Sydney to
the States
Dec 1839

List of Specimens shipped to the
W. States per Bayne & Shepherdson -
Hoopsen Master - Dec 1839

4 Tubs containing Coral numbered from 1 to 4
2 Boxes do do 5 & 6
5 Boxes Shells lettered from A to E and
numbered from 1 to 5 -

1 Barrel do Marked A numbered 6 -

1 Keg Marked B numbered 7 -

4 Boxes marked W. S. Easton Coral numbered 1 to 4

1 Box do Crustacea No 4

1 do do Phelological

3 do " Mineralogical 6, 7, 8

1 do do Ornithological No 9

1 Barrel do Native Implements No 6

1 do do Shells No 8 -

1 do Marked "Specimens W S Big Porpoise"

1 Box do do

16 Bundles containing Native implements
Math. Jap's &c -

All marked
Pearson

Catalogue of Boxes Burels & Shipped on board The American Ship Lantanne Oahu

Boxes

"	T	No 20	Shells Tongataboo
"	U	21	"
"	V	22	Ornithological Specimens
"	W	23	Curiosities from Fejee
"	X	24	"
"	Y	25	Deep Sea Water Sav. Dep't
"	Z	26	Shells from Sealand Hawaiian Group "D.C."

7 Boxes

Box #	1	Shells from Fejee Islands	
"	2	"	" Box # 2 in Bbl # 4
"	3	"	"
"	4	"	"
"	5	"	"
"	6	"	"
"	7	"	"
"	8	"	"
"	9	"	"
"	10	"	"
"	11	"	"
"	12	"	"
"	13	"	"
"	14	"	" this box is in Box # 16
"	15	"	"
"	16	"	" Box # 14 & 2 bundles, in this box
"	17	"	"
"	18	"	"
"	19	"	"
"	20	Shells & curiosities collected by Capt. Ringgold	
"	21	Shells from Maui Kauai D.P.C.	
"	22	Shells & Curiousities S.W.	

Carried forward

Not forward -

Boxes 22

Box # 23 Fine Earthenware

" # 24 Shells & Curiosities JPC

24 Boxes

Horticulturist's Department

Box # 3 Seeds and Roots

" # 4 Flower Seed

" # 25 Botanical Specimens

" # 26 " "

" # 27 " "

" # 28 " "

" # 29 " "

" # 30 " "

8 Boxes

Ornithological Department

Box # 18 Ornithological Specimens

" # 19 " "

" # 20 " "

" # 21 " "

" # 22 " "

" # 23 " "

" # 24 " "

" # 25 " "

" # 31 " "

" # 32 " "

" # 33 " "

10 Boxes

Mineralogy

Box # 26 Mineralogical Specimens

" # 21 " "

" # 22 " "

" # 23 " "

" # 24 " "

" # 25 " "

" # 26 " "

7 Boxes

Boxes Containing Coral from Fiji Islands

Box	#	1	Coral
"	#	2	"
"	#	3	"
"	#	4	"
"	#	5	"
"	#	6	"
"	#	7	"
"	#	8	"
Barrel-Sub	#	7	"

9 Packages

Barrels containing Shells from Fiji Islands

Barrel	#	1	"	"	"
"	#	2	"	"	"
"	#	3	"	"	"
"	#	4	"	"	" Cont ^g Box no 2
"	#	5	"	"	"
"	#	6	"	"	"
"	#	17	"	"	" from W. Peacock
"	#	18	"	"	"
"	#	19	"	"	"
"	#	20	"	"	"

11 Barrels containing Zoological Specimens

11 Barrels

Bundles

#	1	10 Pieces native manufacture	New Holland	#	11
#	2	4 War Clubs	S. Zealand		
#	3	6 " "	Longatabor		
#	4	4 " "	"		
#	5	2 Paddles	Fiji Islands		
#	6	8 War Clubs	"	"	
#	7	7 " "	"	"	
#	8	14 Bows & 75 Spears	"	"	

Bundles Continued

# 9	7 War Clubs	Lepe Islands	
# 10	8 " "	" "	
# 11	12 " "	" "	
# 12	2 War Clubs 6 Bows & 34 arrows	do do	
# 13	72 arrows & 7 Bows	do do	
# 14	5 Spears	do do	
# 15	4 " "	do do	
# 16	6 Bows & 21 arrows	do do	
# 17	3 Spears	do do	
# 18	4 " "	do do	
# 19	2 " "	do do	
# 20	2 " "	do do	
# 21	18 Female Dresses	do do	
# 22	5 Spears	do do	
# 23	3 Spears 2 Bows & 40 arrows	do do	
# 24	6 War Clubs	do do	
# 25	2 Mats	do do	
# 26	3 War Clubs	do do	
# 27	3 " "	do do	
# 28	Spice Wood found on Endeavour Island Aug 23 rd 1840		

From Peacock

# 25	Tortoise Shell	Lepe Islands	WP
# 27	Clubs & Spears	" "	
# 28	" "	" "	
# 29	" "	" "	
# 30	" "	" "	
# 33	" "	" "	

34 Bundles

Box # 5 Contains 8 Spears for ascension Id.

Curios of Ornithological and other Specimens
Sent to the United States in the Ship Shepherdess
from Sydney, 11th March Dec^r 1839.

1	Balister, Pouch, 1st.	
3	Starfish	Tahiti
1	do.	Tootoittak
1	Eskimo,	Siapainmar 1st
2	do.	Dog Island
3	do.	Clement Towners.
199	Ornithological spec ^{ies}	Islands.
8	Protopia	do
1	Rat.	do

all packed in one box marked

"United States Exploring Expedition"

"Ornithological department."

No 9

Respectfully
John R. Deane
Scribner & Co. N.Y.

List of articles
sent to the MS by Messrs
Peale and Hall
from Sydney
1839

List of Articles in the box marked
"U.S. Exploring Expedition - Philological Department."

1. Pamphlets & Public Journals illustrative of the
History & present state of Madeira.
2. Pamphlets concerning the history of Chile.
3. Books, pamphlets & Journals relative to the history
& actual condition of Peru.
4. Grammars of the languages of the Sandwich &
Mora Isles of Indians.
5. Works in the language of the Society Islands.
6. Works in the language of the Navigator Islands.
7. Plan of the Battle of Yungay in Peru.

H. Hale.

Duplicate

List of Articles in the box, marked

"U. S. Exploring Expedition - Philological Department."

1. Pamphlets & Public Journals illustrative of the history & present state of Madeira.
2. Pamphlets on the history of Chile.
3. Books, pamphlets & Journals relating to the history & actual condition of Peru.
4. Grammars of the languages of the Guichua & other tribes of Indians.
5. Works in the language of the Society Islands.
6. Works in the language of the Navigator Islands.
7. Plan of the Battle of Yungai.

J. H. Hale.

List of miscellaneous curiosities collected by the
Officers, and Crew of the U.S. Ship Peacock, during her
cruise from the Sandwich Islands to the Columbia
river; - from December 1840 to July 1841

Duke of Yorks Island

3 models of canoes, 3 mats, 2 shells, 1 squid bait, by
Mr Speiden: 1 wig, Mr Clarke: 2 mats, 2 fishing lines,
3 fish hooks, 2 nets, 1 shade for the eyes made of -
Tortoise shells - J.R. Peale.

Bowditchs Island.

1 drill, 1 saw, by Mr Rich: 1 drill, Mr Perry: 1 drill Mr Baldwin^{= in}
1 Club, 1 bundle of belt rope made of human hair, Mr Speiden
1 mat, 3 fish hooks, Mr Dana: 2 marros, 2 necklaces, Saml
Sutton: 4 belt ropes, 7 necklaces, 1 shark skin file, 4 wood
shark hooks, 1 stool, 1 implement for scraping Coconuts
3 wooden boxes, 1 fishing net, 3 coils Coir rope, 2 bags,
1 paddle, by J.R. Peale. 2 shark hooks, 1 net and fishing
line by Mr Reynolds.

Navigators Islands

1 Tortoise shell bonnet by Capt Hudson; 1 crania, 1 new
specimen of Terebellum. Mr Rich: 2 fishing nets, 2 baskets,
1 adze, sundry shells &c. from Salua fata by Mr Emmons;
2 specimens of Capis, from Savai by Mr Emmons. 1 Idol from
Salua fata by Mr Clarke.

Depreyesters Islands

2 marros, 2 fish hooks, 1 Spear, by Mr Speiden: 2 Mats
by Mr Rich: 3 mats, 1 basket, 1 fishing net, 1 coil of line
J.R. Peale; 1 mat Mr Dana.

Kingsmill's

3 Coats mail, - mats, 2 women's petticoats, 10 fans, 16
fishing lines, 5 shell necklaces, 3 baskets, 3 bonnet patterns,
5 coils rope, 1 shark nose, - Spears. Paddles &c Mr Speiden
1 Spear, 2 mats, Mr Rich: 2 Tortoise shells, J. Guillou.

1 Oarula shell, Dr Palmer: 2 swords 4 Shirts of mail,
1 Spear, 1 Cap, by Mr Walker: 1 Shark's tooth sword,
1 fishing line, 2 native skulls, 1 Cocoa nut scraper
1 ladle, Mr De Haven: 1 Coat of mail, 1 Shagreen belt,
Mr Reynolds: 1 Shagreen war belt Capt Hudson;

9 Coats of mail, 2 helmets, 5 Caps, 1 wig, 5 suits,
war jackets & trousers, — mats. 1 large bundle sword,
daggers, & knives of various patterns, 1 basket of necklaces,
1 Idol, 1 Shark's bait, 2 Shark nooses, 1 bundle of
fly brushes & fans, 1 necklace of 473 human teeth,
2 belts of human bones, 1 drill; 1 Cocoa nut scraper,
3 war belts: 1 petticoat made of human hair.
Numerous spears &c.

Respectfully Submitted

J. R. Peale

U S Ship Peacock

Sci Corps

at sea July 17th 1841

with specimens
obtained in various
parts of the
14 Aug / 41.

Original Invoices
and
Catalogues
of
Geological & Mineralogical
Specimens.

1839 - 1840

- No. 57. Rutil. Cristallin im Fels, St Joar de Matoreira
 No. 58. Mica — — — Villa Rica
 No. 59. Muscovit — — — morro do Comargos. Rio do Bente
 No. 60. — — — Morro dos Homancios e R. de Villa Rica
 No. 61. Diorit — — — Serra do Vassouras
 No. 62. Kieselstein, — — — Maguines
 No. 63. Kieselstein Quarz, — — — Villa Rica
 No. 64. Quarz mit Kieselstein Quarz, — — — Barbacena
 No. 65. Quarz mit Hornblende — — — São João
 No. 66. Hornblende Quarz, — — — Serra do Vassouras.
 No. 67. Obengang (Rutilin), — — — Taguara
 No. 68. Stalagmit — — — La pyra Nova
 No. 69. Stalagmit. — — — Id.
 No. 70. Coquille petrifier de la mer — — —
 No. 71. Gneis mit Hornblende, Paraybuna
 No. 72. Quarz mit Mica, und Crenata de Rio Janeiro
 No. 73. Gneis Porphyro. Horns. Serra dos Orgãos.
 No. 74. Gneis — — — Paraybuna.
 No. 75. Eucrite. — — — Juiz de Fora
 No. 76. massenda Ruda von Sabara — — —

Catalogues of the minerals
of the U.S. Ex. Ex.
Brazil

Lista - No 1

- No 1. 20 Portas Goldstaub mit Kieselstein Minas Gerais -
 No 2. Goldhaltiger Spangliumstein mit hydroxydeter Eisen Poliana St. de Piedad bei Sabara
 No 3. Goldstein, do Arraial da Pomba, da terra do Capitão Quirino, Hiliano Martins da Costa, Suminada Lucuberto, do Guerra
 No 4. Granulada mit Gold Taquaril
 No 5. Fein Silber im Stein, Rio, da Prata
 No 6. Gold. (Häutchen) Congo
 No 7. Gold, (Häutchen de fer) Bocaiuva Minas Gerais
 No 8. Gold. Natif mit pyriten decomponiert per du Carapato bei Mariana
 No 9. Pyriten Arcenical em globos et orichalcum da Mina do Ouro-fino. do Rio das Velhas com a do Villa Rica
 No 10. Granulada, von Ouro-fino com a do Rio das Velhas
 No 11. Caleno. Stein mit Silber Mineral do bono despacho encheron. do Villa do Pitingi
 No 12. Gold, Vila Rica
 No 13. Gold. im anfang, Cata branco bei Glacis do Campo
 No 14. Quarz Fitane Coli parentione com ouro Passagem de Mariana
 No 15. Gold do Rio das Velhas gemeint Gleguaciro
 No 16. Gold. Morro St. Vicente G. Fund von Villa Rica
 No 17. Gold. offor Proussan anfang mit ein Stein bei Villa Rica
 No 18. Quarz mit pyriten de fer, (ouros-fer) Morro. Villa Rica
 No 19. Gold. offor Proussan anfang mit ein Stein bei Villa Rica
 No 20. Proussan, mit Gold Taquaril
 No 21. Gold. do Arraial da Pira copos, um Stein da terra gemeint (Mariana)
 No 22. Quarz mit Gold, Minas do Marzagao
 No 23. Stein, Villa do Pitingi, (Cuiabá)
 No 24. Gold, na terra do Coracao, Villa do Pitingi
 No 25. Quarz, mica mit Gold, Villa St. Jose

Nº 26, Goldfältigen Aesfandkies Barredon, zu wissen
 Marianna und Passagem yffert Louis Mority

Nº 27, Goldfältigen Aesfandkies, yffert von Villa Rica

Nº 28, Goldförmung (Prüfung gold) 1/2 Mund, von Conceição
 do Campo, coronel humaltes

Nº 29, Quarz Pyrit und opido do ferro, von ouro a vista
 Mina do Morro Velho

Nº 30, Goldfältigen Aesfandkies Mina do Foundon, in bar
 Mariano, e Villa Rica

Nº 31, Goldfältigen Aesfandkies Foundon do Passagem de
 Marianna

Nº 32, Quarz und Eisenstein und Gold. — Catia (Marianna)
 Branco

Nº 33, Goldfältigen Aesfandkies, Antonia Pereira, in bar
 Villa Rica

Nº 34, Goldfältigen Aesfandkies und das Goldschaffung (St. Jose)
 Villa Rica

Nº 35, Quarz und Aesfandkies Gold. — Villa Rica

Nº 36, Goldfältigen Quarz — (Ceciaba)

Nº 37, Eisenstein Gold und Eisen — du Brumado

Nº 38, do Arcaial do Morro Vermelho da lavoura do Marquez
 do Barbacena du ymund (Poca grand)

Nº 39, do Lavoura do Morro de St. Vicente

Nº 40, Goldfältigen Braunstein, Marquimes in bar
 Catia

Nº 41, Goldfältigen Aesfandkies, Morro velho

Nº 42, Gold — do Joan de elle: Pri

Nº 43, Eisenstein und Gold. Ouro fino in bar Rio das pedras

Nº 44, Gold — Louis Soares by Congo: loco

Nº 45, Eisen — Pedro Pena Crumado 5 Mi. von Congo
 loco

Nº 46, Eisen — Barthe

Nº 47, Eisen. Catia da lavoura ymund Serra do Capon
 Louis Soares

Nº 48, Goldfältigen Aesfandkies in braunstein
 Lager bei Antonia Pereira

Nº 49, Gold — von Catia

Nº 50, Goldfältigen Quarz, Catia, do Alferes Matias (República)
 Morro das Almas

Nº 51, Eisen —

Nº 52, Eisen — Vila grande 1/2 Mund, von Conceição do
 Campo, 9 Mi. Villa Rica

Nº 53, Morro Vermelho, (von an Gold) 2 Mund, von Conceição
 do Sabara

Nº 54, Gold und Pyrit do ferro. Morro de St. Sebastian in bar
 Villa Rica

Nº 55, — Mina do Macaúbas das Freiras

Nº 56, Gold — Mina do Barão do Catas Altas ymund
 (Catia)

Nº 57, Opido do ferro und gold. Morro das Almas

Nº 58, Gold — Dorf Piranga 8 Mi. von Marianna

Nº 59, Eisenstein in Quarz und Goldbrünnchen 3 Mund
 zu wissen Barredon und St. Antonia

Nº 60, Eisenstein förmung in Flagram, von Chiti

Nº 61, Platinas in Flagram, Villa Rica

Nº 62, Röhrlinse Roubull blüßung in Turmalin in
 Goldbrünnchen, Passagem 1/2 Mi. von Villa Rica

Nº 63, Gold — do Rio das Velhas, Mina do Jo: Costa

Nº 64, Topas. fide in der Matriz von Capão, by Villa Rica

Nº 65, Cristal und Topas eingewachsen, Jose Coria, 3 Mi. von
 Villa Rica

Nº 66, Topas. oder Cristal. do Cayaz

Nº 67, Turmalina, oder Emerald do Preset. da Serra dos
 Emeralltes, a Minas Novas

Nº 68, Cristal und zinn yffert, Beberão Beberão Villa Rica

Nº 69, Hornatista do Rio grande

Nº 70, Cristal noir de Villa Rica

Nº 71, Agua = Marinha, do Catia, yffert Bahia
 do Villa Rica

- N^o 72, Corallines et Heat, de Rio St. Francisco.
- N^o 73. Topas. branco. de Minas Novas —
- N^o 74. Amatista jaune. — de Pitangui —
- N^o 75. — Idto — Idto — de Villa Rica
- N^o 76. — Idto. — Idto — de Pitangui
- N^o 77. Topas. jaune. — de Capão d'Olan by Villa Rica
- N^o 78. Cristat. de Minas Novas. provençia de Bahia
- N^o 79. Cristal — de São d'Elle-Rei
- N^o 80. Quarz mit Opasfalkin — Marianna —
- N^o 81. Calcedon Cristaticert. — Rio Grand —
- N^o 82. Cristat mit Mineral. — José Coréa ^{unweit} Villa Rica
- N^o 83. Cristal mit ganz spizig, Real velha, ^{de} Sabara
- N^o 84. Idto Idto — José Coréa —
- N^o 85. Idto — Boa vista by Villa Rica
- N^o 86. Cristallischer Quarz — Itabira do Campo —
- N^o 87. Idto. — Idto. Idto —
- N^o 88. Quarz Superiorico mit Gold. — de Couaba
- N^o 89. Cristat mit Mineral. Real velha do Sabara
- N^o 90. Cristal Mineral. José Coréa. Villa Rica.

Rispa N^o 2.

- N^o 1. Lipigelaipen mit Mica. vom Vista 2^{te} Villa Rica
 N^o 2. ~~Sil~~ mit Quarz — Serra dos Passouras
 N^o 3. Basalt — Serra do Sabara —
 N^o 4.
 N^o 5. Sichter Lössen aigbaupien ober flüssig Lager Atto Pereira
 N^o 6. Hematite de fer. (Glaubkoff) da Passagem
 N^o 7. Quarz mit Gypsalaipen Retiro do Filipp Pedrozo
 Serra do Habira do Campo.
 N^o 8. Graphit — Torquim —
 N^o 9. Quarz mit Eisenpyrit und Sederetone Morro Velho
 N^o 10. Cadiga — Capaire do Campo.
 N^o 11. Sil — Sabara —
 N^o 12. Eisenpyrit — Timbozabau
 N^o 13. Eisenstein mit Tremolit, Timbozabau
 N^o 14. Gypsfallhieb Resenda, Reberao Berbinga
 N^o 15. Gypsfallhieb — ^{gefunden im Fluss} Cates Altas matte Jentre 7 Ri
 N^o 16. Pyrit de fer (Carbe) ^{von Gongo Soco} Armaial de Papozas
 N^o 17. Sil. Sil. (Bombade) morro Velho
 N^o 18. Magnet aigbaupien Serra do Arrayal do Leite
 N^o 19. Hematite de fer. (Lössen glaubkoff) Antonia
 N^o 20. fer oligiste com cristal Capon Dolan ^{Pereira} —
 N^o 21. Quarz mit Gypsfallhieb, Ponta grande do Sabara
 N^o 22. Quarz mit Amianth und Eisen Oxyd. Timbozabau
 N^o 23. Eisen — da Cidade de Marianne ^{Staco}
 N^o 24. Eisenglimmer — Timbozabau
 N^o 25. Eisenstein. — Sabara —

- Nº 26 - Basalt. — do Chili —
- Nº 27. Hornblende, — Vulkanische —
- Nº 28. Eisen erzal — Capoeira do Campo.
- Nº 29. Kieselstein — Antonia Pereira
- Nº 30. Kieselstein Manganerz, Serra dos Capoeiras.
- Nº 31. Pyrit und Kieselsteinen Talk, Congonhas do Campo.
- Nº 32. ~~do~~ — — — Serra de Habira do Campo
- Nº 33. Barit — Timbozabau —
- Nº 34. Mineralien in Granit aufsteigen eingeleitet —
- Nº 35. Solomit und Tremolit, ^{1/2 Meile südlich von Ouro Preto} Timbozabau
- Nº 36. Abänderung von erbsenartigen Kieselstein Timbozabau
- Nº 37. Kieselstein und Kieselstein, Timbozabau
- Nº 38. Aragonit — — Timbozabau —
- Nº 39. ~~do~~ — do Morro velha unfa by Sabara
- Nº 40. Quarz und Kieselstein Morro das Flores.
- Nº 41. Eisen erzal — Inficianade.
- Nº 42. Kieselstein von Timbozabau zerissen Antonia Pereira et St. Bartolomeo —
- Nº 43. Kieselstein — Serra de Maguines —
- Nº 44. Glorifizier und Kieselstein Kieselstein Congonhas
- Nº 45. Kieselstein, ^{von} Minas ^{do} Campo
- Nº 46. ~~do~~ — — — von Chiti —
- Nº 47. Kieselstein, do Morro enficianade —
- Nº 48. ^{von} Kieselstein in Quarz — Villa Rica
- Nº 49. Kieselstein, Morro do Carambú
- Nº 50. Kieselstein in der Subrita des St. Habira do Campo.
- Nº 51. Kieselstein und dem Kieselstein Parapeba 14 Meilen nördlich Villa Rica —

- N^o 52. Pyriten und Chlorite. verde. Morro Velha
- N^o 53. boa Vista de congchas do campo —
- N^o 54. Augitstein — Minas novas —
- N^o 55. Dolomit und Gypsstein Timbozabau
- N^o 56. Sandstein Conglomerat, Sette Lagoas —
- N^o 57. — Venda Nova parte do Tripsi
- N^o 58. Polygnath, St. Alusia de Sabara ~~St. Villa Rica~~
- N^o 59. Pyriten Arsenical. Mina de Ouro fino em St. Vicent
by Rio das Pedras —
- N^o 60. Arsenstein. St. Joao de M. Joreira 18 ^{1/2} Meilen
Rio doce
- N^o 61. Eisenstein Cayala - 3 Meil. von Congo Seco.
- N^o 62. Chert — Rio - das pedras —
- N^o 63. Gneissstein von Taubdon 1 1/2 M. S. Villa Rica
- N^o 64. Eisenstein, St. Sebastian. (Villa Rica)
- N^o 65. Quarz - Morro de Sabara parte de St. Bonifacio
- N^o 66. Dolomit und Eisenstein, Antonia Pereira.
- N^o 67. Strontianit — Anton Pereira
- N^o 68. Zinn und Quarz — von Patte
- N^o 69. Arsenstein, Passagem de Marianne
- N^o 70. Quarz und Eisenstein, Passagem de Campo.
- N^o 71. Spate de ferro, Tauro, em diacão de ~~St. Pereira~~
- N^o 72. Quarz und Eisenstein. (oder Eisenstein) Paraybuna
- N^o 73. Sulfurico — de Villa Rica —
- N^o 74. Jaspis — de Abathie —
- N^o 75. Grosse Crust, mit Mica, Rio Janeiro
76. — — — — —

N ^o 77	Quarziger Granit.	Rio Janeiro
N ^o 78.	Porphir ———	Ido. Id ———
N ^o 79.	fein Granit. ———	Ido. Cisteroy
N ^o 80	Lyonsstein ———	Ido. Janeiro
N ^o 81	Halbfeld ———	Ido Id ———
N ^o 82.	Granit mit Gneis	Ido ———
N ^o 83.	Granit mit Crenaten,	Ido ———
N ^o 84	Ido ———	Ido ———
N ^o 85.	Quarz - mit Gneis.	Ido ———
N ^o 86.	—— Minas Geraes ———	
N ^o 87.	Porphir ———	Rio Janeiro
N ^o 88.	Granit. ———	Serra do St Rita ———
N ^o 89.	Quarz ———	Rio Janeiro
N ^o 90.	Crenaten ———	mina Soors ———
N ^o 91.	Granit ———	Paraybuna ———

Liste No 3 —

- N^o 1. Haecolomit, Serra do ouro Preto —
- N^o 2. Glimmerstein, Serra de Mantiquiera
- N^o 3. Asinfriger Quarz, Parayba —
- N^o 4. Hornstein, near Curvello —
- N^o 5. Erbsengrub Hornstein — Maguires —
- N^o 6. Sibiranglimmerstein, Serra do Ouro preto.
- N^o 7. Leingrunder Quarz (Haecolomit) de Marianne.
- N^o 8. Asinfriger mit Mica. Cagairo do Campo —
- N^o 9. Guldstein — — Sabara —
- N^o 10. Glimmerstein Sibirstein (Octaedern) Serra da Campa
- N^o 11. Asinfriger mit Pyrit, (decompose) Villa Rica.
- N^o 12. Glimmerstein, Villa Rica, (Agua Limpas)
- N^o 13. Glimmerstein mit Pyrit, Passagem de Marianne
- N^o 14. Distheim en aiguille sur chiste no Tombogaban.
- N^o 15. Asinfriger mit Schillende Hornblende Passagem de Marianne
- N^o 16. Glimmerstein St Jose, (Minas)
- N^o 17. Chlorit und Octaedern neu Sibirstein, Morro do Casambi
- N^o 18. Guldstein, Serra do Arragal. de Leito
- N^o 19. Asinfriger mit Gips, Serra de Maguires —
- N^o 20. Hornstein, near Tombogaban —
- N^o 21. Guldstein, Lagoa Santa —
- N^o 22. Erbsengrub Hornstein, Maguires —
- N^o 23. Asinfriger Quarz, St Joao da Morra grande de
near Coeas.
- N^o 24. Marwitte Ruins, Pitua —
- N^o 25. Gneiss da — Itabira do Campo —
- N^o 26. Aluminite, Lagoa Nova, de Maguires
- N^o 27. Asinfriger Quarz Bente Rodrigues s. d. Villa Rica

- No. 28. Tuffstein Glaukophan, Serra dos Capouras
 No. 29. Tuffstein — Taquarit
 No. 30. Gneis — Barayba
 No. 31. Tuffstein mit Cotoedoren von Mayumbaißan
 No. 32. Onifurstein, Serra das Merceis, Landstrasse nach Monte Tracão, by St. Pereira
 No. 33. Schiste Maguise — (imias Munciro) Villa Rica
 No. 34. Glaukophan, de Cagaira do Campo
 No. 35. Bol. — — Pazambû
 No. 36. Haecolomit, Serra de Habira
 No. 37. Aurgian Glaukophan Morro de Paxambû
 No. 38. Gneis mit Pflanzen abdrücken Cagaira do Campo.
 No. 39. Glaukophan mit Pyriten, St. José de elle Rei.
 No. 40. Stalactit, Lappa Nova de Maguises, perto de Curvello
 No. 41. Halagmit, Lappa nova
 No. 42. Maslyibid. Lappa nova
 No. 43. Bituminöse Erde, Serra de Itapada
 No. 44. Quarzite mit Gneisblauduffstein (Haecolomit de Marianne)
 No. 45. Tuffstein — —
 No. 46. Halagmit mit fossilen Knochen von Antilopen Lappa Nova Magu
 No. 47. Spathum — — Atonia Pereira
 No. 48. Quarz, Serra de Mantigueira
 No. 49. Haecolomit, Serra de Sebastian
 No. 50. Quarzite mit Gneisblauduffstein, Cagaira do Campo
 No. 51. Tuffstein mit Quarz, Haecolomit de Marianne
 No. 52. Tuffstein mit der Ruffstein by Antoin. Pereira
 No. 53. Cirsanglimphian — Sabara
 No. 54. Ag. fragile Chislomache. Carapato
 No. 55. Chetta Galzo Paleoz, de Minas Traga
 No. 56. Cirsanglimphian — Terbozabau

Mineral & Geological Specimens sent to the
United States from Lima, June 1839.

The specimens are packed in 4 boxes, labelled
Minerals, Box. No 2.

"	"	3
"	"	4
"	"	5

The small paper boxes numbered from A to K contain fossils
+ some crystals &c from Madaira, Porto Santo + Santiago Cape Verde

Box A. Contains 5 specimens fossil shells (casts) from Porto Santo
Box B. " 13 " " " including

Box C. " 8 " " " "

Box D. " 5 " " " "

Box E. " 8 " " " "

Box F. " 5 " " " "

Box G. Contains fossil shells from Madaira near Canical,

Box H. " " " " "

Box I. Contains 10 crystals of specular Iron from Madaira
also numerous small crystals of Chrysolite from
Madaira, near Ilhas Rock —

also, several crystals of Augite from Porto Praya
Cape Verde +

Box K Contains sand from the shores of Madaira —

Specimens from Rio Negro, Northern confines of Patagonia.

155—159 — : A soft Tertiary sandstone from the bluff South Barranca
to the South of Rio Negro

160—161 — : From similar bluffs up the river near the town of
Rio Negro

162—165 — : A lighter colored variety of the same rock: from
the South Barranca

166—168 — : A soft purplish variety — same loc.

169—172 — : One of the lower layers of rock at the same bluff

173—176 — : Fine white sandstone from the upper layers of
the bluff

177—181 — : Dendritic delineations in a variety of the
Tertiary limestone — found in loose pebbles on the beach

- 182-185 ——— : The same tertiary with *Ostraea* at
 186-188 ——— : *Ostraea* — from the lower layers of the
 tertiary near the South Barranca
 189-191 ——— : Conglomerate — specimens found on the
 beach — apparently of recent origin —
 192 ——— : Pebbles of porphyry, chalcedony, quartz
 petrosilex, from the beach, which is mostly composed
 of them — Granite pebbles rare —
 193 ——— : Salt, from the salt lake 15 miles from
 the town of Rio Negro; the principal of the lakes that
 are worked —
 194 ——— : Salt from a small pond 7 miles from the
 mouth of the river near the house of an American
 Mr Bacon —
 194 bis ——— : Salt water from Lake near
 Rio Negro — Patagonia —

Specimens from Terra del Fuego —

- 195 — 207 & 204 ——— : Dark blue slate — general character
 of much of the schistose rock which forms the
 western side of Nassau Bay; it alternates with an
 argillaceous sandstone & coarse conglomerate —
 198 ——— : Greenish variety of the same rock —
 199 — 203 ——— : A coarse variety of the same rock,
 approaching the argillaceous sandstone; contains
Belemnites — From the western shores of
 Nassau Bay —
 205 — 208 ——— : Gyps from a dyke 15 feet wide in
 a cone on the western side of Nassau Bay, near
 its head — Contains large crystals of hornblende
 207 — 209 ——— : Dark colored greenstone, from top of
 hill off Orange Harbor to N^W & S^E — Surface
 decomposed & grayish white — Crystals of feldspar
 sometimes removed leaving angular cavities

- 210 — 211 — : Reddish porphyry (trachytic) crystals of feldspar small — surface of fracture rough ^{Nassau Bay}
- 212 — : Trap, with surface decomposed; Loc. near Orange Harbor —
- 212 (bis) — : Pieces of white vesicular rock, somewhat resembling pumice, broken the surface of the rock where specimens 210-211 were obtained; it results from the decomposition of this rock, & is cavernous from the removal of crystals of feldspar.
- 213 — 215 — : Light greenish-gray trachyte, containing large crystals of feldspar (or allied species) & hornblende — From an adjoining hill Nassau Bay
- 216 — 219 — : Red trachytic porphyry, with crystals of feldspar & hornblende — From top of hill towards the head of Nassau Bay —
- 220 — : Light purplish trachyte, Nassau Bay western side —
- 221 — 222 — : Light greenish-gray trachyte, with crystals of feldspar & a few of hornblende
- 223 — 225 — : Specimens showing the globular concretionary structure of much of the basalt.
- 226 — 228 — : Brownish red wacke — a fine sedimentary rock; from the western shore of Nassau Bay North of Orange Harbor —
- 229 — : Trap — Near Orange Harbor —
- 230 — 232 — : Bluish gray Amygdaloid containing nodules of Carb. lime — Shores of Nassau Bay 5 or 6 miles N of Orange Harbor — also near Orange Harbor
- 233 — : Basalt from a dyke on shores of Nassau Bay nearly opposite or extremity of Burnt Island
- 234 — : Dark basalt — containing ^{a few} globules of lime, which are black & shining externally from a covering of green earths — from a dyke near the last —
- 235 — 236 — : From shores: a few miles N of Orange Harbor — 236 contains some Iron Pyrites —
- 237 — 239 — : Coarse breccia — or pseudo-breccia containing soft argillaceous angular fragments —

- of various colors - Burnt Island, Orange Harbor
- 240 - 242 — : Similar to the last, pebbles of rounded but not very distinctly seen except on a worn surface — same loc.
- 243 — : The same rock, fine granular in its composition, approaching a wacke — Burnt Island —
- 244 - 245 — : From the same formation — same loc.
- 247 - 248 — : Trap, of a dark greenish brown color, with irregular veins of Chalcedony; from a narrow dyke, Burnt Island.
- 249 — : Similar rock to preceding, but Amygdaloidal — containing small globules of stilbite, botryolite, lime etc — same loc.
- 250 - 251 — : Same as preceding — some stilbite & chlorite nodules — same loc.
- 252 - 253 — : Similar rock with larger nodules of quartz & botryolite — same loc.
- 254 - 255 — : Same rock with stilbite in crystals & also crystallised calc. spar, from a vein —
- 256 — : a paper box — containing fragments from the same covered with crystals of the above minerals, & Analcime —
- 259 - 260 — : A cherty rock of a greenish brown color, from trap formation near Watchtower S. of Orange Harbor —
- 261 — : Red petrosilyx or Jasper — same loc.
- 262 — : Trap conglomerate — same loc.
- 263 — : Same — lighter color, with greenish black patches, or spots, more or less hexagonal — of green earth — or a variety of Pinite — same loc.
- 264 — : Specimen similar to 259, covered on one side with a variety of Asbestos (amphibol?) & impregnated with Epidote on another. — same loc.
- 265 — : Epidote on Quartz, from veins in trap — same loc.
- 266 - 268 — : Massive Epidote (impr.) from same rock
- 269 — : Gneiss with small indistinct

- Crystals of feldspar disseminated — Color distinctly green same loc.
- 270 — : Reddish trachyte — same loc.
- 271 - 272 — : Argillite, — breaks with shining lustre — Collected at Good Success Bay, by Mr Rich —
- 273 — : Argillaceous sandstone, nearly impalpable structure, from same formation — contains a vein of white quartz crystallised — collected by Mr Rich at Good Success Bay, —
- 274 — : Quartz from similar vein — col^d by Mr Rich —
- 275 — : Argillite — col^d by Lieut Underwood at Good Success Bay —
- 276 — : Yellow Granite — Col^d by Lieut Underwood ^{at New Island}
- 277 — : Approaches Basanite — collected by Lieut. Underwood at New Island — Tena del Fuogo
- 278 — : Reddish & yellow quarzose iron-stone — Collected at Hermit Island by Mr Rich
- 279 — : Brownish red ironstone — or var. of Jasper — allied to the last — same loc.
- 280 — : Variety of Pitchstone — col^d at Hermit Island by Mr Rich —
- 281 - 282 — : Compact trap — col^d at Halse Cape Horn near Southern Cape of Nassau Bay by Mr Rich —
- 283 — : Light colored greenstone porphyritic with large crystals of feldspar — Collected at the head of Nassau Bay by Mr Rich
- 284 — : Compact basalt (chinkstone!) with some small crystals of olivine — from the Watchtower, Nassau Bay —
- 285 — : Red Jasper, with green earth — same loc.
- 287 — : Compact trap, with pebbles of quartz — same loc.

- 288 ———: Banded specimen of Compact chert & green granular rock — same loc —
- 289 ———: vesicular trap with hexagonal crystals of green earth — same loc —
- 290 ———: A half-decomposed feldspathic rock with red veins — same loc —
- 291 ———: From a breccia composed of "pebbles" of chert & the trap of the region — Watchtower
- 292 ———: From the Watchtower — Naranbaj
- 293 ———: Chert — same loc —

Specimens from Valparaiso —

- 294-295 & 320⁺ ———: Gneiss — collected just beyond the fort ^{west} South of Valparaiso
- 296 ———: Granite — ^{vein in} from same rock — containing but little mica; mostly feldspar & quartz, both nearly white — same loc —
- 297 & 319 ———: From a similar vein; shows the contact of the vein with the rock & the nodules of Chlorite which often occur at the intersection — same loc —
- 298 ———: A nodule of Chlorite from similar vein same loc —
- 299-300 ———: The gneiss containing disseminated Epidote giving it a greenish color — same loc —
- 301 ———: Masses of vein of granite impregnated with Epidote
- 302-303 ———: Siliceous gneiss — same loc near Esquip Cove N. of Valparaiso —
- 304 ———: A light-flesh colored Granite, from the same region — very feldspathic — contains oval concretions which are feldspar & occasionally
- 305 ———: Fragments of similar concretions.

- 306 ———: Gneissoid granite, green from impregnation with Epidote ——— near same loc.
- 307 ———: Coarse Granite from a vein — principally quartz & light flesh colored feldspar — Contains some hornblende — same loc.
- 308 ———: Soft Earthy greenstone, splintering with some minute crystals of hornblende; from a dyke along the Quillota road 2 or 3 miles out from Valparaiso —
- 309 — 310 ———: Similar greenstone with light yellowish green or yellowish white particles of feldspar spotting it — from another dyke near the last
- 311 ———: Var. of Granite or gneissoid granite from the Cuesta de Zapata 45 miles East of Valparaiso — It is somewhat siliceous —
- 312 ———: Dark lignitic gneiss — same loc.
- 313 ———: Soft earthy greenstone from dykes in same ridge —
- 315-316 ———: From same ridge —
- 314 + 325 + 326 ———: From the Cuesta del Prado, a compact rock between gneiss & argillite.
- 327 ———: Light colored greenstone porphyritic with ^{small} large crystals of feldspar — same loc.
- 318 ———: Decomposed — nearly white from kaolin — same loc.
- 319 — 320 (dup. nos.) ———: Argillaceous limestone or marl, from the plains of Santiago; a Tertiary deposit.
- 321 ———: Found near 297 — the gneiss containing some chlorite & is encrusted with hornblende —
- 322 ———: From a quartz vein on hill along the road to Santiago, back of Valparaiso — contains some magnetic iron —
- 323 ———: From Cuesta del Zapata —
- 322 (dup.) ———: from Cuesta del Prado — Contains some Malachite
- ~~327~~ 328 ———: From Cuesta del Prado —
- 329 — 330 ———: Compact trap, porphyritic with large crystals of feldspar — same loc.
- 331 ———: white argillaceous substance, covering

- the walls of the dykes from wh. specimens 308-310 were Collected —
- 332 —: Decomposing ^{gneissoid} granite from the Cuesta de Zapata —
- 333 — 334 —: Grayish purple claystone — resembling a trachyte — but in part a conglomerate & apparently a sedimentary rock or tuffaceous in its character — From the mountain behind Santiago — Used as paving stone at Santiago —
- 335 —: Porphyritic graystone: with green earth in small fragments, having a regular form — Same mountain.
- 336 —: Light grayish-green trachyte, with some crystals of feldspar & some chlorite — Same mt.
- 337 —: Light greenish trachyte — no distinct crystals of feldspar — Same mt.
- 338 —: Dark colored graystone — impalpable structure — hard — Same mt.
- 339 —: Compact graystone, dark grayish green color — minute light green spots wh. appear to be feldspar — Same mt.
- 340 —: Compact graystone — some small particles of green earth — Same mt.
- 341 & 340 —: Brownish-red graystone — very fissile. Cores in part with thin incrustations of chlorite from the ridge about half way to the snow limit — Same mt.
- 342 —: Reddish brown graystone with elongated cellular — a worn fragment, from top of mountain
- 343 —: Dark brownish red — brownish-black graystone — some minute particles of specular iron — Same mt.
- 344 —: Similar, with minute particles of green earth disseminated — Same mt.
- 345 —: From same ridge with 341 — more green earth, giving the specimen a greenish color — Same mt.
- 347 —: Vein of quartz in same loc. —

- 348 —: Purplish-red claystone — some minute crystals of feldspar — Same mt.
- 349 —: Brownish red, resembling the preceding — Same loc.
- 350 —: Similar rock, of a light brick-red color — Same mt.
- 351 —: Graystone — grayish color within — slaty structure, may be sedim. — Same mt.
- 352 —: Claystone, ~~beccia~~ brownish red tint grayish — Same mt.
- 353 —: Graystone Conglomerate, rounded pebbles of gray color in yellowish-green & grayish base — some cavities encrusted with Chalcedony — Same mt.
- 354 —: Similar rock of grayish red color — pebbles small, some of them vesicular, others porphyritic — Same mt.
- 355-356 —: Jasper — Same mt.
- 357 —: Porphyritic greenstone with geode of quartz & calc spar — Same mt.
- 358 —: Jasper & quartz — Same mt.
- 359-360 —: Chalcedony from the Graystone — Same mt.
- 361-362 —: Geodes of quartz with some Calc spar — Same mt.
- 363 —: Light grayish green claystone, mostly soft, a portion very hard & glassy —
- 364 —: Decomposing granite, with a finely polished green surface, from the walls of a fissure at Cuesta de Zapata —
- 365 —: Compact greenstone — mt. behind Santiago
- 366 —: Graystone — some minute crystals of ~~quartz~~ feldspar — Same mt.
- 367 —: Fine Sphenitic gneiss, approaching hornblende slate, from coast half a mile S W of Valparaiso —
- 369 —: Another variety, with dark greenish color — Same loc. as last.
- 370 —: Coarse Sphenitic gneiss — Same loc.

- 371 ———: Another variety of the same ——— Same loc.
- 372 ———: Another variety ——— Same loc.
- 373 ———: From the walls of a granite vein, strongly impreg. with Epidote — the veins run through the diagenitic gneiss ——— Same loc.
- 374 ———: Diagenitic gneiss, of very fine texture — less Hornblende than in 358 ———
- 375 ———: Diagenitic slate — forms a pseudo-vein in the gneiss-rock, along the shores below the Light-house ———
- 376-377 ———: Epidote crystallized on a flesh colored granite — from a granite vein near Same loc.
- 378 ———: Flesh colored compound of feldspar & quartz — constitutes many of the veins ——— Same loc.
- 379 ———: Epidote on gneissoid granite — walls of a granite vein Same loc.
- 380 ———: Compact Hornblende rock — contains some mica — from a globular concretion in diagenitic gneiss ——— Same loc.
- 381 ———: Gneiss with part of a quartz vein containing blue-black tourmaline ——— Same loc.
- 382-384 ———: Silicified wood of a dark brown color within and externally from exposure yellowish — obtained from beds of gravel on high ground a mile south of the Post-House, about 8 miles E. from Valparaiso ———
- 385 ———: ——— same — color brownish yellow ———
- 386 ———: ——— same — light ash color — grain of the wood very distinct.
- 387 ———: ——— same — chestnut brown within ———
- 388 ———: ——— same — showing a knot in the wood ———
- 389 ———: ——— same — with a tubular cavity (made by an insect?) ———
- 390-391 ———: Soft gray sandstone — Recent formation, from the beds of a small stream near the above locality.

- 13
- 392 — 393 — : Sulphur from the volcano to the north of
Santiago —
- 394 — 395 — : — compact Graystone — feldspathic rock,
color gray with a tinge of red — contains disseminated Epidote
obtained from Southwestern side of the 2nd Cuesta on the
road from Quillota to San Felipe, about 9 leagues from the
latter place —
- 396 — 397 — : — similar rock — more coarsely granular
structure — some distinct crystals of feldspar & small nodules
of Chlorite — same loc.
- 398 — : — Rembles the last — but with Epidote &
& Chlorite more distinct — also more porphyritic
— same loc. —
- 399 — : — similar — color dark brownish purple —
— same loc. —
- 400 — 402 — : — similar, but amygdaloidal or
geodiferous — color brownish red — base porphyritic —
Contains geodes of Epidote & quartz — same loc.
- 403 — 404 — : — similar to last — little lighter shade
of color — same loc. —
- 405 — 407 — : — similar to last — deeper color — same loc.
- 408 — : — similar but rock brownish black &
compact, porphyritic with small crystals of
feldspar — contains a little Epidote — from the
top of the same Cuesta —
- 409 — 410 — : — Grayish blue variety, thickly porphyritic
with large crystals of feldspar — & containing a little
Epidote — from Eastern side of the same Cuesta —
- 411 — : — A grayish flesh red granite — from a ridge
on the south bank of the ^{river} Concon 6 leagues below San Felipe
collected along the road, where it crosses this ridge —
- 412 — : — A dark green greenstone, approaching
serpentine in its characters — from dyke at the
locality last noted —
- 413 — : — similar greenstone porphyritic with rather
indistinct crystals of feldspar — same loc. —
- 414 — : — A grayish green var. with some cryst. of hornblende — same loc.

- 415 — : Syenite from the Eastern side of the same ridge
- 416 — : White feldspathic rock, sub-trachytic — from the first cuesta between Quillota & San Felipe 6 miles from the former place
- 417-419 — : Same rock, with a reddish tint, same loc.
- 420 — : Compact green rock, from the summit of the same ridge
- 421-423 — : A Rock between gneiss & argillite — very finely granular — grayish blue color — Loc. 10 miles W from Quillota along the southern side of the Concepcion valley
- 424 — : Variety of the same rock — few traces of garnets — same loc.
- 425-426 — : Another variety — same loc.
- 427 — : Another var. more feldspathic — same loc.
- 428 — :
- 429 — : A specimen of silicified wood, from a bank of gravel & pebbles, 15 m. west of Quillota, south of the Concepcion
- 430 — : A very feldspathic granite, white color near same loc., near where the road to Quillota from Valparaiso, passes on to the valley of the Concepcion
- 430 — : Syenite — on same road a league S of the Concepcion
- 431 — : Very dark hornblende rock, forming veins in the last
- 432-433 — : Coarse Granite — from the cliffs to the north of the beach of Viña del Mar — this rock becomes silicified a few rods to the north
- 434-435 — : A syenitic gneiss — very fine grained, approaching argillite — forms pseudo-veins in the above granite
- 436-437 — : Same rock with distinct crystals of hornblende & smaller enclosures of hornblende — same loc.
- 438 — : Same with the enclosures more numerous — same loc.

- 4439-4441 — : Granite from the western side of the Mellaca Hill, standing in the valley of the Concepcion, near Quillota
- 440-441 — : Syenite, from Eastern side of the same hill
- 442 — : Same rock, with a portion of an ovoidal Concretion of darker color — same loc.
- 443-444 — : Epidote rock — composed mostly of compact Epidote — same loc.
- 445-446 — : Protogine — granular feldspar and compact talc — from veins in the same hill — same loc.
- 447-449 — : Granulite — a feldspar quartz & albite — with some particles of magnetite — same loc.
- 450-452 — : Silicic trap, from dykes in same hill
- 453-454 — : Primitive limestone — light greenish tinge from auricular beaps of talc — same loc.
- 455-457 — : Greenstone — no trace of crystallization — from dykes in the same hill
- 458 — : Same — with minute particles of Calc. spar disseminated — same loc.
- 459-461 — :
- 462-464 — : Chrysocolla — ore of copper — from the mine of Ferallone near San Felipe in the Paquel valley Cordilleras
- 462 — : Copper pyrites — same loc.
- 463 — : Variegated Copper Ore
- 464-465 — : Carbonate of Uranium — same loc.
- 466 — : Albite syenite — from the same valley of the Andes — found in boulders.
- 467-469 & 470 — : Lignite from the same valley 3 leagues beyond the ranchos of the Copper mine
- 470 — : Calc. spar, from the same mine
- 471 — : The same cryst. allied in modified crystals to rhombohedrons — same loc.
- 472 — : Argentiferous Galena — 5 leagues from San Diego, to the Eastward

474 — : Decomposing feldspathic granite, near
1st post house on Santiago road, 5 or 6 miles E. of
Valparaiso

475 — : Iron sand from the shore North of the
beach of Vina del Mar —

476 — : magnetic iron in feldspathic granite — near
same loc. with 474 —

477 — : Earth at the lignite locality (467-9)
wh. was incrustated with Saltpetre —

Specimens received from Mr MacFarlane - Valp. -

478 — 480 — : Silicified wood —

481 — : Vitreous copper & Chrysocolla from Aconcagua

482 — : Green Malachite — Copiapo —

483 — : Mispickel - Arsenical ore of iron — Copiapo

484 — : Galena (argentic.) & Copper ore — Copiapo

485 — : Native Copper in a dark Epidotic greenstone
from Copiapo

486 — : Native Copper, with Red oxide of Copper —

487 — : Gray Copper ore — Copiapo

488 — : Variegated Copper Ore — Copiapo —

489 — 490 — : Horn Silver & Green crystals — from
Copiapo — mine of Solar —

491 — : Horn Silver — dark gray, fibrous — Copiapo —

492 — 494 — : Fine white clay —

492-494: Fine white clay, from Mayay in the province of Acon-
Cagua — received from Mr Caldwell of Santiago

495 — : Silicified wood — from the Andes — —

496 — : Box containing a few shells from an ancient
beach ^{on the bay} near fort, Southwest of the city —

497 — : Clay brought up with the anchor in the
bay of Valparaiso —

Specimens collected near San Felipe & left with Mr Alderston to be sent to our Consul at Valparaiso - They had not arrived when the Peacock sailed - Mr A. is engaged at these mines by Mr ~~the~~ Newman of San Felipe

- 500 ——— : brownish red claystone - from the Jaguel Valley near San Felipe -
- 501 ——— : Same - color less brownish & texture less compact - same loc -
- 502 - 503 ——— : Same - Contains some red argillaceous pebbles - A little lime Cryst. in fissures - same loc.
- 504 ——— : Same rock, but conglomerate - containing large pebbles - color grayish blue - some pebbles of various colors - some green stones, gray stones - same loc.
- 505 ——— : Same conglomerate - light bluish color - but externally bleached - same loc.
- 506 ——— : From same formation - pebbles few & small - base porphyritic - same loc.
- 507 ——— : Same -
- 508 - 509 ——— : From same formation - light green - granular - same loc -
- 510 ——— : From same formation - Sedimentary Character not apparent - same loc.
- 511 ——— : From same - Compact - fine granular - same loc -
- 512 ——— : From same - Conglomerate - pebbles small, base grayish purple - porphyritic - same loc -
- 513 - 514 ——— : From same - Contains Copper Ore -
- 515 ——— : Red quartz - cherty - forms a vein through a mass of a grayish white color - from same formation -
- 516 - 517 ——— : Graystone - very compact - porphyritic with small crystals of albite - same loc -
- 518 - 520 ——— : Same - crystals less abundant - same loc
- 521 ——— : Same - with very few crystals - same loc -
- 522 - 523 ——— : Same - very compact - fine granular almost

- impalpable — not at all porphyritic — same loc —
526 — : same — amygdaloidal — small globules of
quartz — green (chloritic) externally — same loc.
527 — : — same — brownish red color — porphyritic
with large thin crystals — same loc.
528 — : same formation — character of greenstone
strong dull & impalpable earthy structure — with
large spots of dark green color (chloritic) thickly
disseminated — same loc.
— : a very dark conglomerate — pebbles not distinct
except on worn surface — same loc.
— : Purplish-red conglomerate — same loc.
— : Dark greenish conglomerate — same loc.
— : Dark variety of gneiss — same loc.
— : Lighter green var. — with some small
crystals of hornblende — same loc.
— : Calc. spar; forms fungus of copper ore
at the mines
— : Brownish red porphyry — same loc.
— : Several specimens of copper ore
— : 4 specimens of lignite —
— : — — — — —

- 550 — Specimens received from Mr. Cavallero at
Santiago —
550 — 553 — : Native Copper — Copiapo
554 — 557 — : Native Copper & red oxyd. of Copper — Copiapo
558 — 564 — : Pyritous Copper — Copiapo
565 — 568 — : Arsenical ore of Copper — Copiapo
569 — : Native Copper — Copiapo
568 — 571 — : Vitreous Copper ore, with malachite
& quartz — Copiapo —
572 — 573 — : Vitreous Copper — Copiapo —
574 — 575 — : Vitreous Copper — Copiapo —
576 — 577 — : — same with red oxyd. of Copper — &
malachite — Copiapo —
578 — : Copper ore with malachite rim? requires
further examination —
579 — 582 — : Green malachite — Copiapo
584 — 586 — : in a paper box — Chrysocola —

- 587 — : Lignite — Good Success Bay — col'd by Lieut. Dale —
588 — : Earth from a mountain in Terra del Fuego near Nassau
Bay —
589 — : Basalt, (epidotted) from Mt. near Nassau Bay —
590 — 592 — : Red scoria from Deception Island, South
Shetlands, — Col'd on board schooner on board the Seagull —
593 — 594 — : Brownish black scoria — same loc.
595 — 598 — : Conglom. — (recent?) — same loc.
599 — : Basalt from Volcano — same loc. ^{J. S. Whittier}
600 — : Scoria from the beach of Magazine Island
601 — : same loc. —
602 — : Sand blown on board the Relief, from
Terra del Fuego — its volcanic nature doubtful
603 — : Pumice found floating at sea, near St.
Mary's — Western Islands N. Atlantic ocean.
604 — 606 — : Compact gray sandstone South side of the
Island of San Lorenzo, off Callao, Peru —
607 — 608 — : — Light gray sandstone, somewhat

friable — Same loc.

609-610 — : Compact sandstone with flesh red tint — same loc.

611 — : The same — with surface worn into deep irregular cavities — Same loc.

612 — : — same as 604-6; a hexagonal prism, showing the regularity of the firmness often apparent in the rock

613 — : Same rock with irregular red argillaceous layers — same loc.

614 — : Same rock with iron in seams & disseminated — (red oxyd) —

615 — : Same sandstone, mottled with red, appearing like fragments of a red argillaceous rock — same loc.

616-617 — : Red argillaceous rock, — alternates with the above — same loc.

618-619 — : Very light grayish flesh-red sandstone — friable — Same loc.

620 — : Dark grayish green — contains minute particles of lime disseminated

621 — : Dark blue argillaceous shale — same loc.

622 — : Same, traversed by gypsum — same loc.

623-624 : Same argillaceous shale of greenish & bluish colors intermixed — same loc.

625 — : Dull reddish brown argillaceous shale — same loc.

626-627 — : Very soft argillaceous shale of light bluish tinge

628-629 — : — similar — of white color — same loc.

630 — : — same — containing a small bivalve — Same loc.

631 — : Same as 613-614 with a salt of iron crypt. on the surface — same loc.

632 — : Composed of fragments of the sandstone cemented by lime; fills an ancient fissure in the rocks when there is a fault of several feet

633 — : ^{Recent} beach shells 80 feet above the present level of the sea — evidently a beach deposit — when the island was 80 or 90 feet below its present height

634 — : Calc. spar, forming a vein in the sandstone formation — same loc.

- 635-44 — also 652-664 — : Sandstone with large species of bivalve (allied to Venus) — along the shores, on the N.E. side of the island of San Lorenzo; 1853, from a locality farther to the north —
- 645-647 — : Porphyritic pebbles of grayish black color from the shores of San Lorenzo
- 648 — : Same with purplish tinge —
- 649 — : — greenish —
- 650 — : — light bluish —
- 651 — : — dark greenish —
- 652-664 — see above 635 + —
- 665-666 — : Sandstone, with stripes of light grayish white + flesh red — the lines are concentric in one specimen — Same loc. —
- 667-669 — : Argillaceous sandstone, with spots of dark green argillite, giving in a conglomerate appearance probably owing to a conglomerate structure — Near North End of the island —
- 670 — : Native silver — From the Parco Mines — Peru
- 671 — : Carbonate & Red oxide of Copper, from Cañete Peru —
- 672 — : Scoria from Port Huerta, South Shetland — obtained by Dr Whittle —
- 673 — : Gold ore, Polpici Mines of St. Bonsten R. N. Chili
- 674-677 — : Blue argillaceous shale North End of the Island of San Lorenzo, Peru
- 678 — : Same — exfoliating from crystallisation of salt; owing probably to its being wet with the spray of the sea. — Same loc —
- 679 — : Sandstone with incrustation of carb. Copper — found on a pebble — Same loc —
- 680-681 — : Same slate as 674, with impressions (of fossils?) — Same loc —
- 682 — : Shells from a bank 1/2 ft high, which stand 1 foot above high water mark — from (loc)

- lower part of the bank —
 683 — shells, from upper part of same bank —
 684 — : Shells from top of cliff 80 + 90 feet above high water — same as 633 —
 685-686 — : Aragonite — same island — not found in place —
 687 — : Ammonite in sandstone, from north point of the island of San Lorenzo —
 688 — — : Univalve (Turbo?) — Broken from the rock at the same locality with 653
 689 —
 690-706 — : Crystallized Gypsum — packed in Card box & placed in box labelled Minerals & Crustacea Box No 4. From the deposits of blue argillaceous shales along the N.E. shore of San Lorenzo
 717-744 — — : Paper boxes, containing same mineral in delicate elegant crystallization — The boxes average 5 specimens each — also in No 4 — same loc.
 745 — : Sulphuret of silver (10 labelled; is it sulphuret of copper, with some silver?) From the mine Zambor marks to 3 tons
 746 — : Radiated crystallization of Green Malachite Canete, Peru.
 747 — : Carbonate of silver (10 labelled; probably argentiferous carbonate of lead) from the King's mine Cerro de Pasco —
 748 — : Silver ore from Cerro de Pasco —
 749 — : Guimabara from Chonta, Peru
 750 — :
 751 — : Crystallized gray Copper, with Pyrites & Zinc blende & quartz crystals — contains silver — From the Cordillera near the Hacienda of Ayas in the Province of Mnamales
 752-753 — : Zinc blende, Iron Pyrites, & Gray Copper Ore from same loc.

- 754 — : Zinc blende crystallized, with Gray Copper ore & Iron Pyrites — same loc —
 755 — : Argentiferous Galena & Iron Pyrites — same loc. —
 756 — : Chromate of Lead, with Galena; from the Cordillera near Huallai, Province of Conto
 757 — : Carb. of lead containing silver —
 758 — : Native Gold; Mines of Peru alluvial —
 759 — : Native silver, from the Cerro de Pasco in a breccia conglomerate — composed of fragments of compact sandstone, with some clay sand —
 760 — : Native silver in limestone gangue —
 761 — : Native silver in sandstone —
 762 — : Brownish red Porphyry, from Peru between Yaro & Obrajillos in the Cordilleras E of Lima — obtained by Dr. Pickering
 763 — : Gypsum, brought to Baños for agricultural & commercial purposes; & it is said from the vicinity of Casa Cancha, 14,500 feet altitude — Dr. P.
 764 — : Red Conglomerate — some porphyritic pebbles to Cordilleras — E of Lima — Dr. P.
 765 — : Incrustation forming on the face of a rock, by the road-side, below Obrajillo — Dr. P.
 766 — : Carbonate of Lime, forming gangue of silver, at silver mine 14,500 ft. altitude — E of Lima — Peru — Dr. P.
 767 — : Gray compact Limestone — resembles a well-characterized Secondary Limestone — Dr. P.
 768-769 — : Incrustation from the Baños in the Cordilleras — alt. — on fine compact sandstone — Dr. P.
 770 — : Ammonite in blue argillaceous shales found 14,500 ft. altitude — by Dr. Pickering — Nearly E from Lima —

- 771 — : Red & whitish argillaceous shale in thin layers — Pachacamac Island — obtained by Mr. S. Knox — on board the schooner Flying Fish —
- 772 — : Red sandstone — argillaceous — with seams of Gypsum — same loc — Mr. S. Knox
- 773 — : Gray sandstone, slaty structure — same loc — Mr. S. Knox —
- 774 — : same with reddish tint — Mr. S. Knox
- 775 — : Blue argillaceous shale — same loc. Mr. S. Knox
- 776 — : same with thin layers of carb. lime — same loc — Mr. S. Knox
- 777 — : Light Gray Argillaceous shale — same loc — Mr. S. Knox —
- 778 — : Blue — do — very compact & somewhat siliceous — same loc — Mr. S. Knox —
- 779 —
- 780 — : Gray stone? 6 leagues N. of Lima, Caballeros obtained by Dr. Pickering —
- 781 — : Sienitic granite — from the hills near Lima to the E^d — very light-colored — hornblende in some parts has a chloritic aspect —
- 782 — : Dark gray granite, containing particles of Magnetic iron — same hills —
- 783 — : same Granite, with white veins composed of feldspar & quartz — same loc.
- 784 — : same rock, but very fine texture, & almost homogeneous aspect
- 785 — : Spherical Agate Concretion, apparently from a red argillaceous rock — Probably from the sedimentary rock of the Cordilleras
- 786 — : ~~Ammonite~~ in
- 787 —
- Specimens from Deception I. South Shetland, — Rec^d from Dr. Whittle —
- 787 — : Cellular gray Lava — cellular large —
- 788 — : + few — otherwise very compact structure
- 788 — : Dark brownish red compact lava

little cellular

789 — : Same — more micaceous — some pebbles on the surface

790 — : Gray basalt: fine — compact — resembles a fine sandstone in appearance

791-3 — : Black compact lava — minute cellular

794-798 — : Tufa ^{conglomerate} — glistering luster — drab-gray color —

799-804 — : Yellow Tufa —

805-808 — : Greenish Yellow Tufa —

807 — : Salt containing large proportion of Magnesian salts, &c —

808 — : Gray sandstone —

Not to be sent
until ordered

July. 1839.

South American H

NATIONAL INSTITUTE
FOR THE PROMOTION OF SCIENCE. }

{ Founded at Washington, May, 1840.
{ Incorporated by Congress, July, 1842.

WASHINGTON, *March 14th 1843.*

To

SIR: I have the honor to inform you that you have been elected a *Resident*
member of the Institute.

Annexed is a copy of its Constitution and By-laws; and your aid in carrying out
the objects of the Institute is respectfully solicited.

Your obedient servant,

Francis Martineau

Corresponding Secretary.

Leatic Hale.

CONSTITUTION.

ART. I. The Society shall be named "THE NATIONAL INSTITUTE FOR THE PROMOTION OF SCIENCE."

ART. II. It shall hold its meetings in the City of Washington.

ART. III. It shall be composed of Resident, Corresponding, and Honorary Members.

ART. IV. The Resident members shall be persons residing in the District of Columbia; Corresponding members shall be persons residing out of the District of Columbia, who wish to aid the Institute by their contributions or communications; and the class of Honorary members shall be composed of eminent men residing out of the District of Columbia.

ART. V. Resident members removing from the District of Columbia shall, on request, be transferred to the list of Corresponding members, and *vice versa*. But Corresponding members may, at their option, be recorded and considered as resident members.

ART. VI. The Officers of the Institute shall consist of a President, a Vice President, twelve Directors, a Treasurer, a Corresponding, and a Recording Secretary; provided that no member shall hold more than one of the offices created by this article at the same time, but that an acceptance of one shall be considered as a refusal of all others.

ART. VII. The Officers shall constitute a Board of Management of the fiscal concerns of the Institute; and five members of the Board shall be a quorum for the transaction of ordinary business.

ART. VIII. The Secretaries of the Departments of State, Treasury, War, and Navy, and the Attorney General, and Postmaster General of the United States, for the time being, shall, with their consent, be Directors of the Institute; but upon the refusal of one or more of them to accede to the request of the Institute, such Director or Directors shall be chosen in the same manner as is herein provided for the appointment of other officers. The officers shall be elected for the term of one year, or until their successors shall be appointed, from among the resident members of the Institute. This election shall take place at the annual meeting; and each member, who is duly qualified, and shall be present at such meeting, shall have a vote in said election.

ART. IX. The Annual Meeting shall be held on the first Monday in each year, or as soon thereafter as convenient; the stated meetings on the second Monday in each month; and special meetings whenever five resident members shall concur in a request to that effect.

ART. X. The President, Vice President, or, in their absence, one of the Directors, in order of seniority, as named in Article VIII, shall preside at all meetings of the Institute; or if neither of them be present, the meeting shall elect its chairman.

ART. XI. The election of members shall be by ballot; and an affirmative vote of two-thirds of the members present at the meeting shall be necessary to the election. The candidate shall be nominated to the Institute at a regular meeting, and balloted for at the next regular meeting; and if there be more candidates than one, they shall be balloted for separately.

ART. XII. This Constitution shall be signed by all persons present at its adoption, who are desirous of becoming members of the Institute; which signature shall be proof of their membership. Resident members subsequently admitted shall subscribe the same on their admission; and neglect to do so for two months after their election shall render such election void. Each resident member shall pay to the Treasurer five dollars on his admission; and five dollars on the first Monday of January of each year thereafter, to aid in defraying necessary expenses, and for such other purposes as the Board of Management may direct.

ART. XIII. No resident member shall vote at any stated meeting of the Institute, on any question whatever, who has not paid his subscription and annual dues, or who shall not have attended a meeting of the Institute within one year previous to such meeting.

ART. XIV. The Institute shall have power to appoint Curators and others for the preservation and arrangement of its collections. The resident and corresponding members shall exert themselves to procure specimens of natural history, &c.; and the said specimens shall be placed in the Cabinet, under the superintendence of a Curator or Curators, so appointed. All such specimens, &c., unless deposited specially, shall remain in the Cabinet, and, in case of the dissolution of the Institute, shall become the property of the United States.

ART. XV. The resident members of the Institute shall be divided into such Departments as may hereafter be determined upon. The members composing each department shall especially be charged with the subjects embraced therein, and communicate to the Institute the result of their inquiries; but every member shall have the privilege of making such communications as he may think proper on any subject connected with the designs of the Institute.

ART. XVI. The various collections of the Institute shall be placed in the apartments which may be designated for that purpose by a majority of the Directors.

ART. XVII. This Constitution, with the exceptions of Articles 6, 8, 10, 14, and 16, or so much thereof as relates to the office of Directors, their duties, privileges, or powers, or the purposes or place of keeping of the collections of the Institute, shall be subject to alterations and additions at any meeting of the Institute, provided notice of a motion for such alteration or addition shall have been given and recorded at a preceding regular meeting. No alterations or amendments shall ever be made in the articles above excepted, without the consent of a majority of the Directors.

ART. XVIII. A code of by-laws for the regulation of the business of the Board of Management, and the annual and other meetings of the Institute, and for matters relating to non-attendance, privileges, duties of officers, &c., shall be prepared by a committee to be appointed for that purpose.

BY-LAWS.

ARTICLE I.

SEC. 1. The Recording Secretary shall give at least two weeks notice, in two or more of the newspapers published in the City of Washington, of every annual meeting.

SEC. 2. Stated and special meetings shall be called by or through the Recording Secretary.

SEC. 2. A quorum to do business shall consist of at least ten resident members entitled to a vote.

SEC. 4. A member introducing a stranger shall hand his name and place of residence, in writing, to the presiding officer.

SEC. 5. The order of business at stated meetings shall be as follows, viz: 1. Reading the minutes. 2. Nomination of candidates for membership. 3. Election of candidates. 4. Notice of contributions and deposits. 5. Reading reports and communications—I. From officers of the Board of Management. II. From Departments. III. From Committees. IV. From individual members—(a.) Honorary. (b.) Corresponding. (c.) Resident. 6. Extraordinary business.

SEC. 6. At the annual meeting, the election of officers shall succeed to the reading of reports.

SEC. 7. At special meetings, the object for which the meeting was called shall have precedence of all other matters, after the reading of the minutes.

SEC. 8. A suspension of the regular order of business for a specific purpose may, at any time, be had, two-thirds of the resident members present, who are entitled to a vote, concurring therein.

ARTICLE II.—Of Officers.

SEC. 1. Before entering on his duties, the Treasurer shall give bond to the Trustees in such sum, and with such security, as the Board of Management may deem appropriate for the security of the funds of the Institute, and the faithful discharge of his duties.

SEC. 2. The Treasurer shall keep an account of the receipts and disbursements made by him, and make a report thereof to the Board of Management, at the stated meeting in December annually. His books and papers shall be always open to the inspection (at his office) of the said Board, or any committee that may be appointed by the Institute.

SEC. 3. The Treasurer shall receive all dues, being authorized, hereby, to employ a collector thereof, and shall pay out the money of the Institute upon accounts passed at stated meetings, and not otherwise.

SEC. 4. All money, books, papers, &c., appertaining to the office of the Treasurer, shall be transferred to his successor.

SEC. 5. The Corresponding Secretary shall conduct the correspondence, under the direction of the Institute. All papers, letters, &c., appertaining to his duties shall be subject to the disposal of the Institute; and what may remain in his hands at the end of his term shall be transferred to his successor.

SEC. 6. The Recording Secretary shall keep a journal of the proceedings of the Institute, and also of the Board of Management; shall sign all orders made by either, in attestation of their correctness; call meetings, and, generally, perform such duties as attach to his office; and, at the end of his term, transfer all books, papers, &c., in his possession, belonging to the Institute, to his successor.

SEC. 7. A report shall be made by the Board of Management to the annual meetings, of the general as well as fiscal concerns of the Institute.

ARTICLE III.—Of Expenditures.

SEC. 1. No expenditure shall be made for, or in the name of the Institute, without its direction.

ARTICLE IV.

SEC. 1. All elections shall be made by ballot, and a majority of all the members present entitled to vote shall be necessary for the election of officers.

SEC. 2. Vacancies shall be filled by the Institute at the next meeting after their occurrence.

ARTICLE V.—Of the Departments.

SEC. 1. The Departments shall consist, for the present, of—1. Chemistry. 2. Geology and Mineralogy. 3. Geography, Astronomy, and Natural Philosophy. 4. Natural History. 5. The Application of Science to the Useful Arts. 6. American History and Antiquities. 7. Agriculture. 8. Literature and the Fine Arts.

SEC. 2. The Institute, at any stated meeting, may add and organize any other department that its wants or condition may justify.

SEC. 3. Every resident member shall join one or more of the departments.

SEC. 4. Each department shall have power to organize and subdivide itself into sections, and make such regulations as may be necessary for its government, provided they do not conflict with the Constitution or laws of the Institute.

SEC. 5. Each department shall keep, or cause to be kept, full minutes of its proceedings, and submit the same, or such portion thereof as may promote the cause of Science, to the Institute, as often as it may deem proper or as called on to that effect.

SEC. 6. Each department shall have the direction of the arrangement of that portion of the Cabinet, and the instruments appertaining to it, as relates to the branch of Science under the care of such department, subject to the supervision of the United States' Curators.

SEC. 7. Each department shall make an annual report to the Board of Management at the stated meeting in December, embracing its condition, progress, and operations during the year, together with the suggestions for improving its usefulness for the ensuing year.

ARTICLE VI.—Of the Cabinet.

SEC. 1. Donations made to the Cabinet shall be marked with the name of the donor.

SEC. 2. Specimens may be placed in the Cabinet on special deposit, subject to removal by giving the Institute notice at some stated meeting.

ARTICLE VII.

SEC. 1. The Annual and Stated Meetings shall be held at such places as shall be determined upon by the Institute.

SEC. 2. The place of holding a Special Meeting shall be designated by those by whom the said meeting shall be ordered.

Catalogue of Geological Specimens
Sent to the United States by Ship Lydia
Bay of Islands April 1840 —

Sandwich Islands

This Catalogue includes 170 specimens. — They are packed in a box labelled

{ M. S. Exped. Expedition
Mineralogical Department }
No. 19. —

The same box contains the crustacea enumerated in the accompanying Catalogue —

James S. Dana

308 — 313 — See Catalogue no. 2. of specimens sent from Sydney —

80 specimens of fossils from Harper's Hill, New South Wales —

318 — Grayish blue Lava — Plain of Taianai, New Zealand —

319 — Earth from decomposition of 318 —

320 — Similar to 318, but more compact — no Chrysolite — Mt. Akaaka, Taianai, N. Zealand —

321. Grayish black Lava — Bottom of crater of Poona, Taianai, N. Zealand —

322 — Brownish red scoria — same crater —

323 — 324 — Light brown scoria, light grayish blue color — large oblong cavities — same region —

325 — 326 — Sulphur from hot springs — 4 miles west of Taianai —

327 — Alum from same (in paper box)

328 — Ammoniacal salt — from same (in paper box) —

329 — Calcareous incrustation from same

330 — 331 — Compact grayish blue trachyte — minute tables of feldspar —

332 — Horn siliceous portion of argillaceous formation in neighborhood of Bay of Islands — with thin layers of shining schist — dark green color — Tipuna Bay, N. Zealand.

333 — Quartz from rounded masses in same rock — appears like an imbedded boulder, though probably not so.

334 — 335 — Dark Olive green Chert — from same

336 — Brownish black Chert — from same

- 336 - Brownish red schist, with shining schist - from same locality - Tiptuna -
- 342-348 - Polished Marble from Ayrlyle N.S.Wales (purchased at Sydney) -
- 349 - Black Polished Marble - from Yarr county beyond Ayrlyle - N.S.W. -
- 350 - Same as 342 - unpolished -
- 351 - Sandstone from Coroparture - N.S.Wales
- 352-361 Fossils from Glendon, Hunter river valley, New South Wales - Presented by Mrs Scott of Sydney -
- 363-367 - Rhombic Prism of Carbonate of Lime, from Glendon - Presented by Mrs Scott -
- 368-370 - Calcareous concretions, from soil near head of Hunter (Goulburn branch), Presented by Mrs Scott -
- 372 - 374 - Argillaceous Sandstone, with ferruginous scales dividing it into small areas - Tiptuna
- 375-377 - Clay from Decomposition of argillaceous rock of Bay of Islands - Recd from Mr. J. Waldron, Prince -
- 378 - Argillaceous Sandstone grayish blue color, from Pama Harbor, Bay of Islands -
- 379 - Quartz, from same formation near Manua Bay -
- 380 - Scoriaceous basalt - from Waimate, New Zealand -
- 381 - Same, with Titaniferous iron - Taianai New Zealand

382 - Stalactite from Caverns in Wellington
valley - M. S. Wales - Rec^d from Mr H. Hale -

383, - 386, 388, 389, Argillaceous rock of Bay of Islands -
partially decomposed.

384 - 385 - Same near Siliceous - same loc.

390 - Soil from 383 &c -

387 - Sandstone with fossil Pecten - locality
uncertain - Rec^d from Mr Swain -

388 - 389 - Dark bluish basalt - fine compact -
few crystals of feldspar & Chrysolite - From the
Black Rocks, Bay of Islands -

391 - 395 - Similar but glittering lustre

396 - Porphyritic lava - Taurianai -

397 - 402 - Grayish blue basalt, with large black
crystals of Augite & a few of Chrysolite - From the
Auckland Islands - Rec^d from Dr Holmes,
- Porpoise -

403 - Bone fragments of shells, & pebbles, from
the beach of Panna Harbor, Bay of Islands -

404 - 405 - Sulphur from the Bay of Plenty,
Motoukora - Presented by Mr Jas D. Henderson -

Catalogue, pt. 2, of
Geological Specimens sent to the United States
by ship Shepherdess.

Sydney February 1840 —

New South Wales

The Catalogue includes 472 specimens, — They are packed in 4 boxes numbered, 14, 15, 16 & 17, with the usual direction —

In addition, a large box of specimens was kindly presented us by the Rev^d ^{C. F. Playdell, M.} Wilton of Newcastle, This valuable collection consists of fossils, rock & mineral specimens collected at Newcastle & along the valley of the Hunter, together with some specimens of sulphur & the rocks of Mt. Wingen — The box is labelled as usual, and numbered, 18 — It contains 72 specimens —

James S. Dana —

The included specimens were collected in New South Wales —

*
Nos 1-12, — Local fossils in yellowish & bluish shale; from Koolbogan, Illawarra

13-15 — Grayish-blue porphyritic basalt — same loc.

16 — Same, of a dark grayish color —

17-18 — Grayish green Amygdaloid, containing nodules of Calc spar — same loc.

19 — Quartz Crystal — same loc.

20-21 — Coarse pudding stone — from Illawarra range East of Wollongong —

22-24 — fine sandstone, grayish color — same loc.

25 — Coarse variety, with ferruginous cement — same loc.

26 — Compact bluish-black basalt — same loc. — not in situ

27 — Same, of grayish blue color —

28 — Argillaceous concretionary mass-armed clay — containing iron — Jordan's Pass, near Appin —

29-32 — Argillaceous sandstone — Bulli coal cliffs —

33 — Grayish clayey shale — very soft — Bulli coal cliffs below the coal — Illawarra

34-35 — Same, with coal plants — same loc.

36-38 — Black coal shale — above coal — same loc.

39-40 — Coal — same loc.

41-47 — Argillaceous sandstone divided by thin seams of ironstone — Bulli — along seashore.

48-50 — Compact sandstone, with vegetable impressions — Half a mile west of Wollongong — Illawarra

51 — Black shale — same loc.

*. The numbers are printed on red paper —

- 52 and 66. Grayish argillaceous shale — with impressions of leaves — near same loc.
- 55 — Bluish shale — with vegetable impressions — near same loc.
- 57 — Coal — near same loc.
- 58 — Bluish-black argillaceous shale — above the coal —
- 59-65 ^{and 70-73} — Grayish green argillaceous shale — (above coal) — same loc. — mile W. from Wollongong —
- 67-89 — Vegetable impressions — same locality as specimen No 1. —
- 74 — Grayish green basalt, with few tabular of feldspar and some schistose nodules — from masses in argillaceous sandstone of Wollongong, Illawarra —
- 75-76 — Porphyritic basalt — feldspar crystals very numerous — same loc.
- 77-78 — From imbedded masses in same rock — same loc.
- 79 — Dirty black basalt — from dyke along shore just North of Wollongong Illawarra
- 80 — Similar basalt — but coarser — from Tarradgi point, 2 miles North of Wollongong, Illawarra —
- 81 — Basalt, similar to 79 — from Wollongong cliff when it occurs in imbedded masses —
- 82 & 84-87 — Compact black basalt — covered with large stellae of stilbite — Kiama point, Illawarra
- 83 — Green sandstone — from point a mile north of Wollongong
- 88-90 — Compact basalt — Kiama Point — Illawarra
- 92-94 & 97 — Same porphyritic — 2nd cliff N. of Kiama.
- 96 — Compact ferruginous basalt, black — from

dyke intersecting basalt, Kiama

98^{110, 111} Baked basaltic tuff & conglomerate, worn to a
sericeous appearance by sea - dark brownish red
to brownish black colors. — Kiama Point —

100-101 — Grayish white & ochre yellow, brownish yellow clay, from
decomposition of basalt — North part of 2nd Cliff N. of
Kiama —

103-104 — Black & brownish red chert from basaltic layers — Kiama
Point —

105-109 — Calcareous spar from cavities in basalt & basaltic
conglomerate — 2nd point S. of Kiama —

112 — Amygdaloid from masses in argillaceous sandstone
of Black Head Illawarra —

113 — Crystals of Calc. spar, from amygdaloid in same
sandstone

114 — Chert & quartz — basaltic conglomerate — Kiama

115-116 — Dark green basalt — from dyke 1st point N. of Kiama

117 — Red & brownish, baked sandstone from basaltic
formation —

118 — Grayish blue porphyritic basalt — from masses
in gray sandstone of Black Head Illawarra —

119-122 — Basalt containing stilbite — 2nd point
South of Kiama —

123 — From Kiama blow-hole —

124-133 — Quartz Crystals from Kiama basalt —

134 — Grayish blue basalt — From Illawarra range, south
of Droughton's Head —

135 — Same from Story ridge, North of Kiama —

138 — Red sandstone — from cliff North of Kiama —

139 — Granite pebble from argillaceous sandstone of
Black Head Illawarra —

- 137 - Stalactite, from cavern in basaltic cliff, 2nd
point N. of Kiama —
139 - Vegetable remains, - Spathe rim - ~~from~~ cliff -
North of Kiama —
140 - Vegetable impressions in shale - found on descent
into Kangaroo grounds from the N^o —

- 141 - Grayish white argillaceous shale - Parramatta —
142 - Blue black — — — —
143 - Grayish sandstone, with blue black spots from
quarry Parramatta —
144-145 - Black compact basalt, from Pennant Hills, near
Parramatta —
147-149 & 151 - Same, from Prospect Hill - near Parramatta
151, shows progress of decomposition —
152, 153 - Same decomposed —
154-155 - Basalt, composed of distinct crystals of augite &
feldspar - Prospect Hill —
157-160 - Dark bluish basalt, finely porphyritic with
small points of feldspar - Same loc.
161-165 - Aggregation of feldspar tables - same loc.

164-165 - Grayish blue micaceous shale from mass imbedded
in argillaceous shale of Wollongong —

166-232 - Fossils from Black Head Argillaceous Sandstone
Illawarra —

233-242 - Fossils from same rock, Shoal Haven, sides
of Mt. Coolongata —

245 - Fossil wood, from a fragment of tree 3 feet long
8 1/2 inches in diameter, imbedded in argillaceous

sandstone of Wollongong —

247-252 - Fossil wood (siliceous) - 247, from roadside,
west of Wollongong, near foot of Illawarra range
248-9 - from Toward's Point - 252, from Kulkogga -
Illawarra —

253-4 - Encrinurus in Limestone - from Argyle - obtained
by Mr J. R. Peale —

255-258 - Recent shells, from raised beach, between Wollongong
& Bulli, Illawarra —

259 - Fossil coral, Glendon - Hunter river -
Rec^d from Mr. Wm Mac Leay of Sydney —

260 - Carbonate of Lime ~~Argillaceous~~ in coarse crystals from Glendon -
Rec^d from Mr Wm Mac Leay —

261-263 - Fossils from Black Head - Illawarra —

264 & 293, 294 - Pudding stone - high cliff 1/2 mile S. of Newcastle

265-266 - Baked sandstone - Nobby's Island - Newcastle

267 - Dark grayish green basalt - dyke E of Newcastle
along shore —

268 - Black coaly shale, above coal in Coal Pt. A.
Newcastle —

269 - Pudding stone Nobby's Island —

270 - Chert - baked sandstone - Nobby's —

271-272 - Light grayish green basalt, (Nobby's) - from a
dyke —

273 & 288 - Indurated Clay - vegetable impressions - Nobby's —

and 284, 291, 292 - argillaceous
274-275 - Baked sandstone - Nobby's —

277 - Coal from 8th seam (counting from above) - from

- high cliff half a mile S. of Newcastle —
- 278 — Basalt, from dyke on Mobbys —
- 279 — Bituminous Coal — Mobbys —
- 280 & 287 — Chert — Mobbys —
- 281 & 288 Coal & basalt in contact — Mobbys —
- 282 — Ferruginous beds or layers — near Water level —
Newcastle — occur in the sandstone —
- 283 — Coal — Telegraph Hill, where now worked —
Newcastle —
- 285 — Newcastle Coal cliffs —
- 289 — Fossil vegetable — Newcastle Coal cliffs —
- 293, 294, Pudding stone, top of high cliff 1/2 m. S. of Newcastle —
- 295-296 — white clayey sandstone, few feet below 293 —
- 297-298 — Hard sandstone — just below 295 —
- 299-300 — Coaly shale, from clayey layers of upper
 Coal seams — same loc — just below 297 —
- 301-307 — Vegetable impressions, clay shale — Newcastle

- Returned to section
 May of 21, lands by Lygia
- 308-309 — Coarse granular argillaceous sandstone, from
 Harper's Hill —
- 310 — same decomposed —
- 311 — Soil from Harper's Hill —
- 312-313 — Amygdaloid imbedded in argillaceous
 sandstone of Harper's Hill —
- 314 — Granite — same loc. —

- 315 — Pebble in Argillaceous sandstone, Wollongong, Illawarra
- 316 — Basalt — Pennant Hill near Parramatta —

20 specimens of fossils — large bivalves — Wollongong
 sandstone — also favosites — ~~Leptobol~~ Spirifer —

135. Specimens of fossils, from same locality —

Geological Specimens Sent home from
Sandwich Islands, on board Ship Laysan
November 1840 —

The specimens here included, are packed in 4 boxes numbered, 20, 21, 22, 23, ~~24~~ and directed in the usual manner. A few of the ~~more~~ ~~specimens~~ ~~after Catalogue~~, are sent enclosed - the rest in another package.

James S. Dana

From Tonga Tabu —

- 407-418 (red labels) Dead coral from reefs —
- 419-423 — — — — —
- 423-424 Coral sandstone - recent formation - from sea shore —
- 425 — Compact coral limestone —
- 426-427 — Tonga — Coral

Page Groups —

- 428-442 — Basalt of different kinds from Ovalau —
- 443-445 — Hornstone from a vein $\frac{1}{2}$ to $\frac{3}{4}$ in wide intensely basaltic conglomerate — collected by Lieut. Walker on N.E. side of Venua Leku.
- 446-448 Coral limestone with recent oysters attached — Mr. Reynolds — from reef w. of Venua Leku —
- 449 — Basaltic pudding stone — Gava Ist off Mathuata collected by Lieut. Budd —
- 450 — Basalt — Col^d by Lieut. Budd at Mathuata.
- 451-455 — Pebbles of basalt — from Saba Saba hot springs Venua Leku — Dr. Whittle —
- 456-460 — Pebbles from hot springs, & the pumice which is from ^{Direction Ist} ~~Roroo~~ Ist — Col^d by Lieut. Perry —
- 461 — Mud from hot springs — Lieut. Perry —
- 462-463 — Pumice — Direction Ist — — —
- 464 — Basalt — Maki point — Venua Leku —
- 465 — Oysters attached to recent limestone Direction Ist — Lieut. Perry —
- 466 — Brownish red basalt, Gava off Mathuata — Lieut. Budd —

- 467 - Coarse crypt[?] basalt - col by Lieut. Underwood -
 468 - Grayish basalt - - -
 469 - Greenish brown - - -
 470 - Coarse basalt - Passage I' - Lieut. Perry
 471-477 - Pebbles of reddish basaltic sandstone + grayish -
 black basalt - Passage I' - Lieut. Perry
 478 - Basaltic sandstone. Some Some - schooner Flying Hawk
 479 - Similar to 470 - Some Some
 480-483 - Pebbles of basalt - Some some -
 484 - 5 - Mud from bottom 6 m. n' from Sandal wood
 Bay - 10 fathoms deep
 485-488 - Grayish basalt - N.W. side of Viti Levu -
 501 - Earth - same loc.
 489-492 - Basalt - - -
 493-495 Compact basalt - Gave off Matherata
 496-500 - Pebbles from the Asana I' - Collected by
 Lieut. Emmond. -

Labels straw colored - Specimens collected by Mr
 J. P. Conthony -

- 1-3. Soil from Banks's Peninsula (New Zealand) -
 4-26 - Basalt & Basaltic lava - same loc. -
 27-29 - Volcanic conglomerate - Moma Kea - Hawaii -
 30-32 - Twisted lava - flanks of top peak M. Kea -
 33. Volc. Conglomerate, half way up M. Kea - SE side -
 34-39, 47, 52, Lava - from old crater - M. Kea - N.W. side
 39 - Cellular lava 600 ft. below summit of M. Kea - SE side -
 40-42 Grayish basalt - SE side - of M. Kea
 43. Minutely cellular basaltic lava - foot of dome summit
 of M. Kea -
 44 - 800 ft. below summit - SE side
 45 - Cellular lava, plain at foot of M. Kea SE side

46 - old crater - N.W. side

47 - Fragments of cellular Lava, S.E. side strewn
with the same -

48 - from old crater N.W. side of M. Kea -

50 - 51 NW. side half way up -

53, 54 Lava. S.E. side M. Kea -

118-126 - rock more or less altered by acid fumes, at
Sulphur bank N.E. side of Crater of Kilauea, -

127 - Earth from same Sulphur bank

131 - Sulphur bank S. side of Black ledge, within
the Crater -

145-193. Lavas from volc. Kilauea -

194-199 - Cellular Lava contains cryst. of spec. or
Titanitic iron - same loc.

201-205 - same loc -

206 - Volc. sandstone - from plain forming rim of
Crater

207-209 - Basaltic lava - from an old current
same volc.

210-242 - New current of lava of first June 1840

(212, 227, 228, 231, 238, 240, 241, omitted here)
243-246 - Great Hall of the Waialeale, Hawaii, 2m.
back of Hills -

247-8, 250, 253 - Scoria

249 - grayish basalt - same loc.

251-252 - Tuff -

254-260 - Basalt -

265-283 - scoria from new stream -

284-307 - Scoria encrusted with salts of different
kinds - from new stream -

308-309, also 275 - Dipped up from stream -

310-324. Basaltic sand, gathered from trees, near
the course of the recent lava current -

325 - Sand of wh. new beach consists when the the

- new stream enters sea -
 326 - similar to 324 - from 1 m. on side of lava
 stream

Island of Kauai.

- 328-329, 336-338, Basaltic dyke, Hanalei valley, Kauai
 330-333, 339 - Rock adjoining dyke - same loc.
 334-335 - Grayish blue basalt, with chrysolite, Hanalei
 valley -
 346, 357 - Hanalei valley -
 358 - fragments of clay, same loc. -
 359 - Black basalt - same loc.
 360 - Decomposing basalt - same loc.
 361 - 362 - same loc.
 363 - 365, aluminum earth - banks of Hanalei valley
 361 A. Vesicular basalt. Falls of Hanalei valley -
 367-368, scoria conglomerate - Hanalei valley -
 372 - Decomp. basalt - same loc.
 369-371 - Basalt - Falls of Waialeale
 373 - 4 - Basalt containing chrysolite
 375, 378 - same loc. -
 376-7, 379, 380-391 - Basalt of different varieties - same loc.
 392 - Basaltic conglomerate formed on seashore by cementation
 with shell sand & Naena -
 396, 401 - Black basalt, Kolua, contains grains of crystals
 402-404 Basalt contg chrysolite same loc.
 405 - Decomposing vesicular basalt - Kolua
 409 - Soil from surface - depth 1 foot - same loc.
 410-12, Brownish red soil, lies under the preceding 600 ft
 deep
 413 - Grayish red soil, below the preceding, 8 to 20 feet
 below the surface -
 414 - Old crater, vicinity of Kolua,

- 421-429 - Lava from same crater -
 430 - Grayish white recent limestone, from cliff 1 m.
 from crater - Cliff 70 feet high -
 448 - Sandstone (recent) consisting of calcareous & basaltic
 lava -
 449 - Coral & shell rock - along coast just
 W^d of Waialeale -
 450 - Sandstone from bed of Hanalei river - 2 m. from
 mouth
 451-456 - Thin plate of sandstone, banks of Hanalei river
 457 - Sandstone near Hanalei
 458 - Shell & coral rag -
 459 - Similar from old beach intersected by
 Hanalei river
 461 - Surface soil, Hanalei river
 462-3 - plain at Hanalei
 464 -
 465 - Mass of millipaw & sepula from the raised
 beach - near Anahola
 468-8 - Coastal limestone, crenulating & enclosing boulders
 on sea shore at Kalihivai.

Maui

- 469-472 Calc. deposit - extends along flank of
 Mountains - on the road from Lahaina to Mailukee
 at the Pali -
 473-481 - Gabbro (basaltic? for part) - 1/2 mile back
 of Lahaina, 1500 ft. above sea -
 482-483 Same partially decomposed - grayish white
 same loc.
 484-489 Grayish basalt - from coast at Pali, 11 m. E^d of
 Lahaina

490-491 - Porphyritic basalt - same loc. as 473 -
 from a boulder -
~~492 - Tufa - 21~~

497 - Tufa - summit of Mt. Kea
 493 - old crater, N.W. side of Mt. Kea

494-6 - Branching concretions - Maui Islands -

497-000 - Pebbles, for pounding Poe - stone hatchets -
Tanai -