

Green Algae (Chlorophyta)

ID to genus/species:

Samples collected

Nekton Expedition 2019 Seychelles
report by

Dr Jeanne A Mortimer



Photos & Preliminary IDs Compiled by

Dr Jeanne A Mortimer



IDs checked & corrected by

Dr Lydiane Mattio



www.bluecweed.com

Halimeda

(ID'd to genus/species)

#1)
Halimeda
cf. gracilis
or
Halimeda
cf. opuntia

Poivre at depth
07 April 2019
Red Sub: 30 m

Identified by
Dr Lydiane Mattio
www.bluecweed.com



SEY1_0892
SEY1_0893

#2)

Halimeda
cf. gracilis
or
Halimeda
cf. opuntia

Desroches at depth
13 April 2019
Red Sub: 30 m

Identified by
Dr Lydiane Mattio
www.bluecweed.com

SEY1_1285
Parent id: 1284
Date: 13-4-19
Site: S1 Depth:
D'ment: 299³⁰
Description: PRESS
Halimeda



SEY1_1285

#3)

Halimeda
cylindracea

Desroches Atoll
South coast
14 April 2019
SCUBA: 10 m
Coll: JA Mortimer

ID confirmed by
Dr Lydiane Mattio
www.bluecweed.com



SEY1_1368



SEY1_1367

#4)
***Halimeda
cylindracea***

Poivre Atoll

SCUBA: 10 m

7 April 2019

Coll: N Fassbender/
M Morgan

ID confirmed by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_0938

SEY1_0939



#5)

***Halimeda*
*minima***

Poivre Atoll

SCUBA: 10 m

7 April 2019

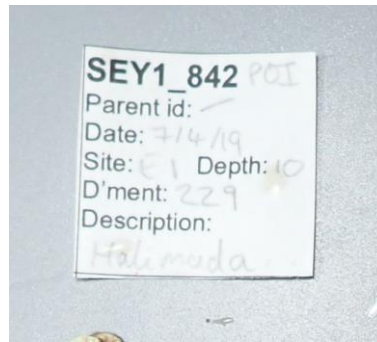
Coll: N Fassbender/
M Morgan

Identified by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_0842



#6)

***Halimeda*
*minima***

St Joseph Atoll (DAR)

East coast

10 Apr 2019

Snorkel: 3 m

Coll: JA Mortimer

Identified by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_1165



#7)

***Halimeda*
*minima***

Desroches Atoll

South coast

14 April 2019

SCUBA: 10 m

Coll: JA Mortimer

Identified by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_1363



#8)

***Halimeda*
*micronesica***

Poivre Atoll

SCUBA: 10 m

7 April 2019

Coll: N Fassbender/
M Morgan

Identified by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_0842



#9)

***Halimeda*
*micronesica***

St Joseph Atoll (DAR)

East coast

10 Apr 2019

Snorkel: 3 m

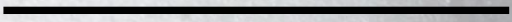
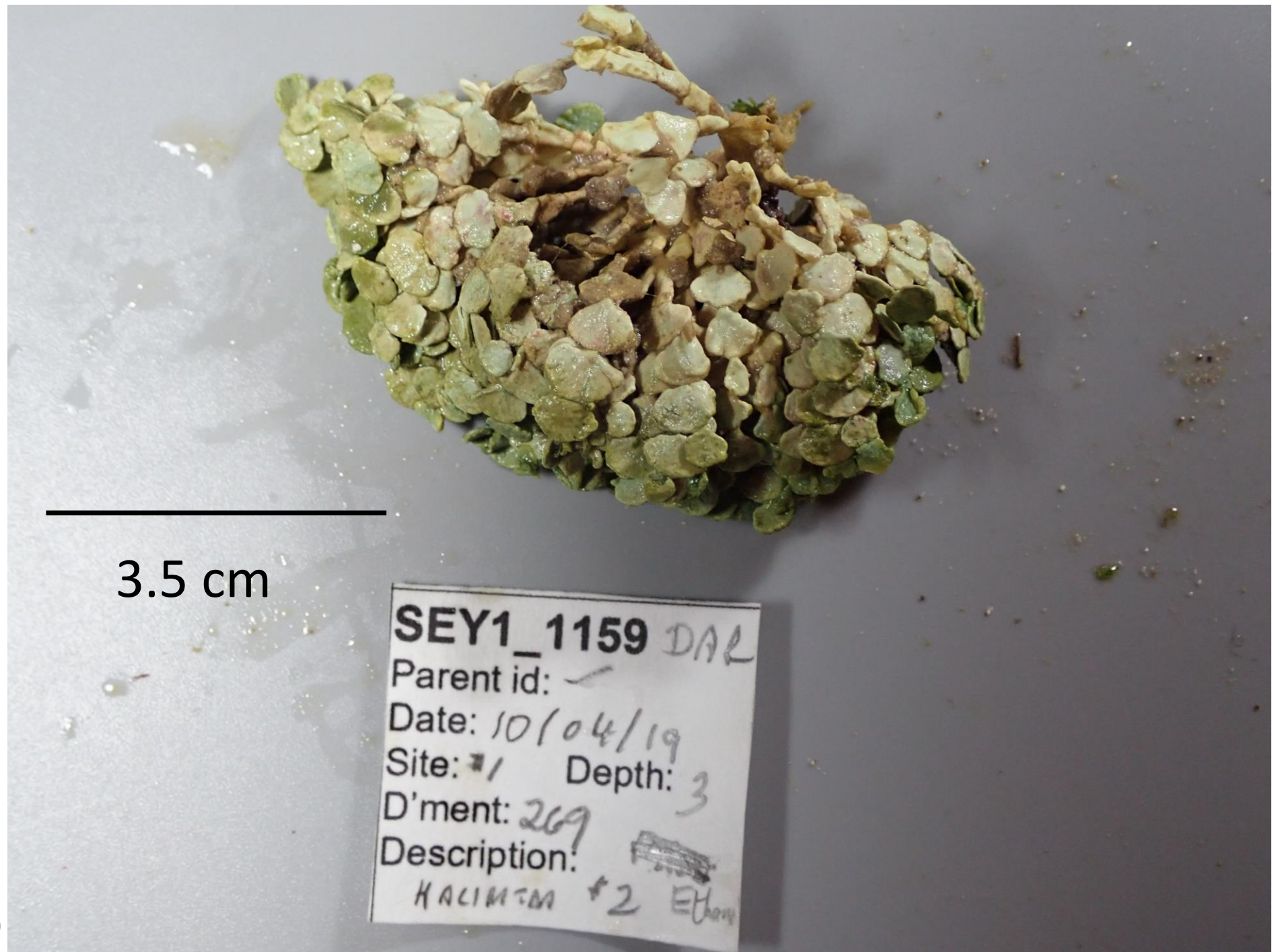
Coll: JA Mortimer

Identified by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_1159



3.5 cm

SEY1_1159 DAR
Parent id: ✓
Date: 10/04/19
Site: #1 Depth: 3
D'ment: 269
Description: HALIMEDA #2 Ethony

#10)

***Halimeda*
*micronesica***

Desroches Atoll

South coast

14 April 2019

SCUBA: 10 m

Coll: JA Mortimer

Identified by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_1370



SEY1_1370 DES
Parent id: ~
Date: 14-04-19
Site: S1 Depth: 10m
D'ment: 306
Description: 30m
HALIMEDA MIC

#11)

Halimeda
sp.

Desroches Atoll

South coast

14 April 2019

SCUBA: 10 m

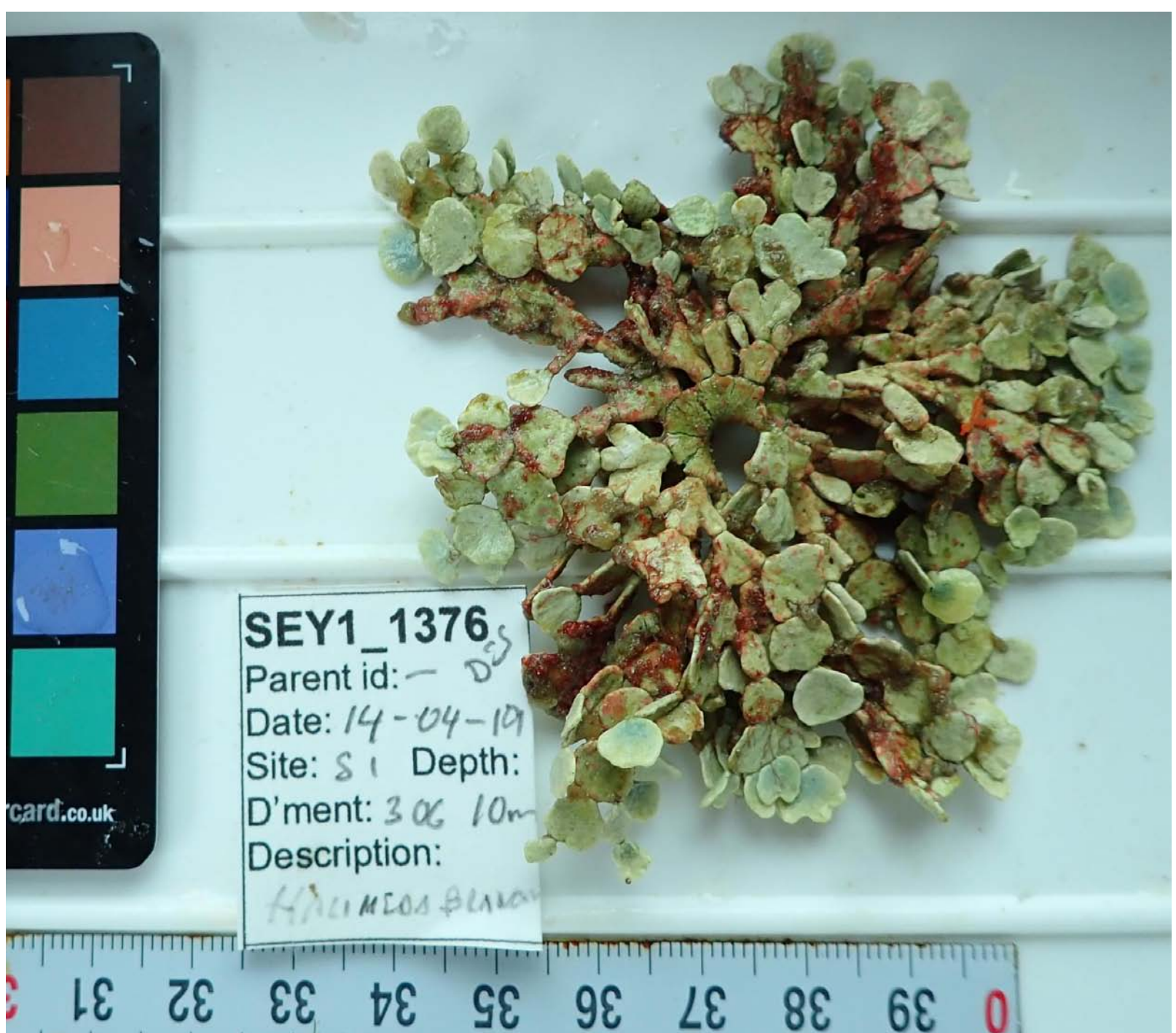
Coll: JA Mortimer

Identified by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_1376



#12)

Halimeda

sp.

Desroches Atoll

South coast

14 April 2019

SCUBA: 10 m

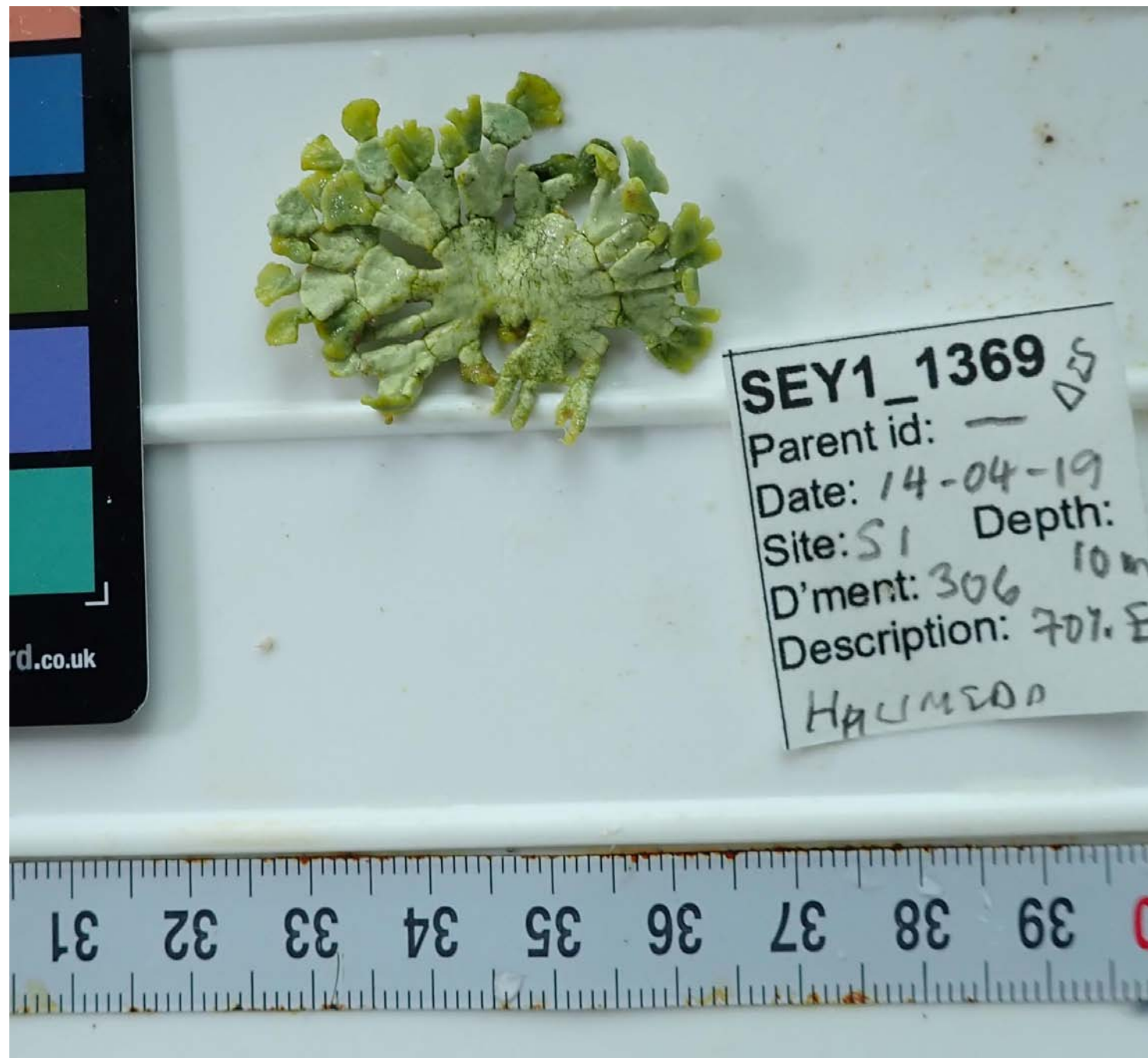
Coll: JA Mortimer

Identified by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_1369



Other genera of Green Algae
(ID'd to genus/species)

#1) *Caulerpa* sp.

Growth form (right);
close-up (left)

D'Arros at sea
10 April 2019
Red Sub: 30 m



#2) *Caulerpa* sp.

Desroches Atoll

South coast

14 April 2019

SCUBA: 10 m

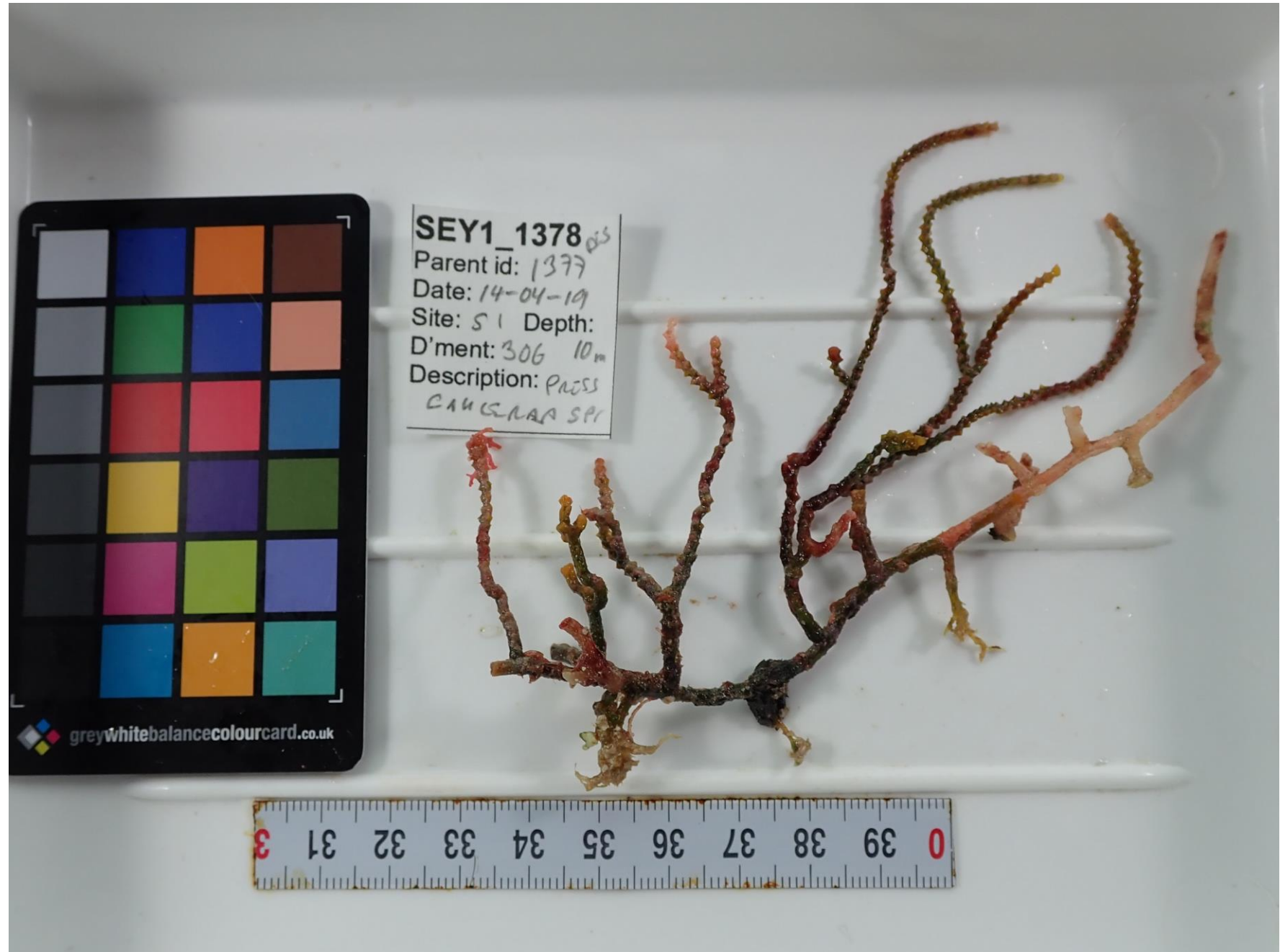
Coll: JA Mortimer

ID confirmed by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_1378



#3) *Chlorodesmis* sp.

St Joseph Atoll
East coast
10 Apr 2019
Snorkel: 3 m
Coll: JA Mortimer

ID confirmed by
Dr Lydiane Mattio
www.bluecweed.com

Left: in wet lab
Right: in situ



3.5 cm scale

SEY1_1161



#4)

Udotea sp.1

St Joseph Atoll

East coast

10 Apr 2019

Snorkel: 3 m

Coll: JA Mortimer

Identified by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_1131



SEY1_1131 *DAR*
Parent id: —
Date: 10/04/19
Site: #2 Depth: 3

#5) *Udotea* sp.2

St Joseph Atoll (DAR)

East coast

10 Apr 2019

Snorkel: 3 m

Coll: JA Mortimer

ID confirmed by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_1167



#6) *Udotea sp.2*

St Joseph Atoll (DAR)

East coast

10 Apr 2019

Snorkel: 3 m

Coll: JA Mortimer

ID confirmed by
Dr Lydiane Mattio
www.bluecweed.com

3.5 cm scale

SEY1_1169
Parent id: —
Date: 10/04/19
Site: #2 Depth: 3
D'ment: 269
Description: PRESS
UTODIA #2



SEY1_1169

#7)

Udotea sp.2

St Joseph Atoll (DAR)

East coast

10 Apr 2019

Snorkel: 3 m

Coll: JA Mortimer

ID confirmed by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_1170

3.5 cm scale



SEY1_1170

Parent id: SEYL1169

Date: 10/04/19

Site: #2 Depth: 3

D'ment: 269

Description: ETOH

ΥΤΟΔΕΑ #2

#8)

Udotea sp.3

Desroches Atoll

South coast

14 April 2019

SCUBA: 10 m

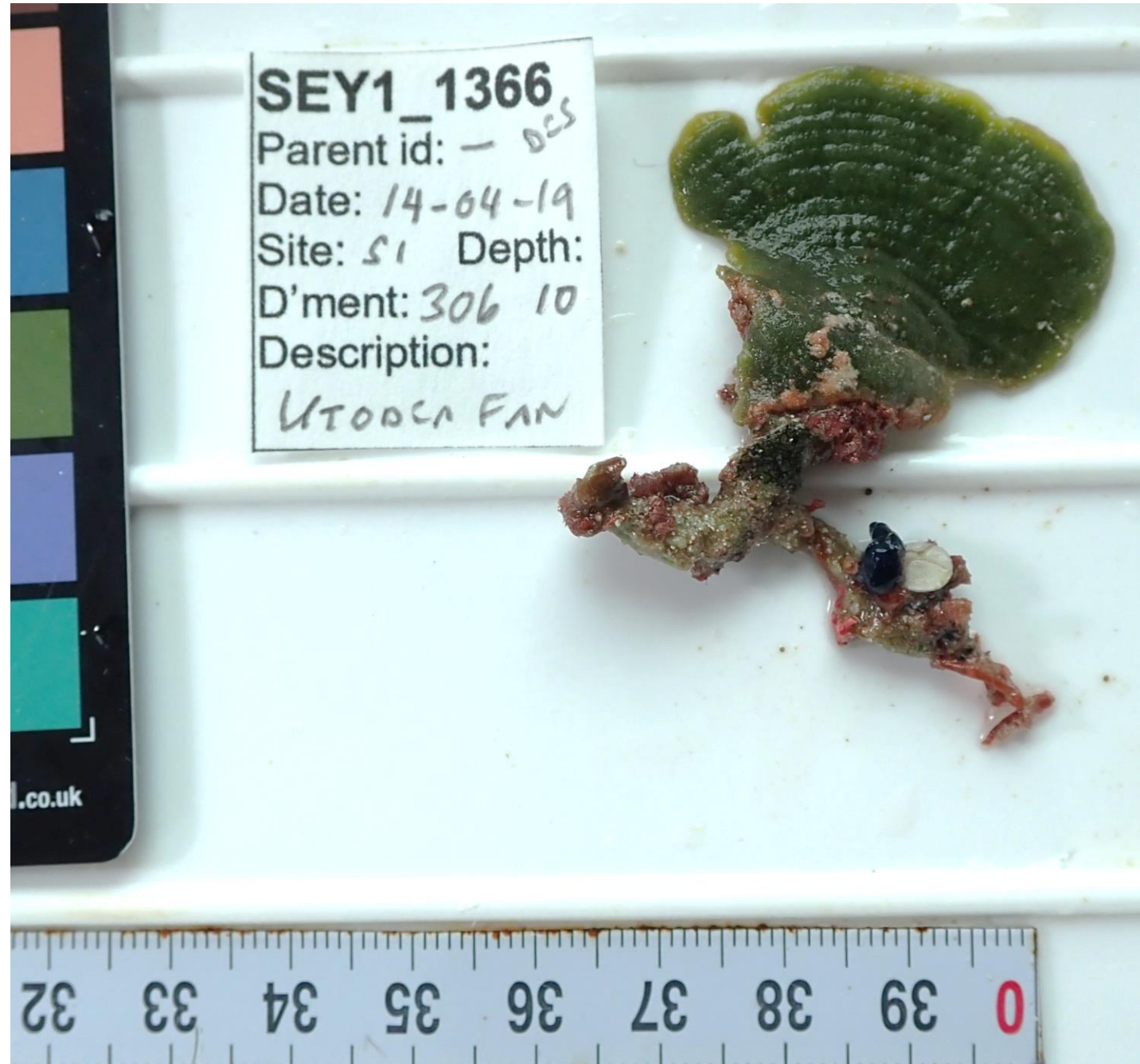
Coll: JA Mortimer

Identified by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_1366



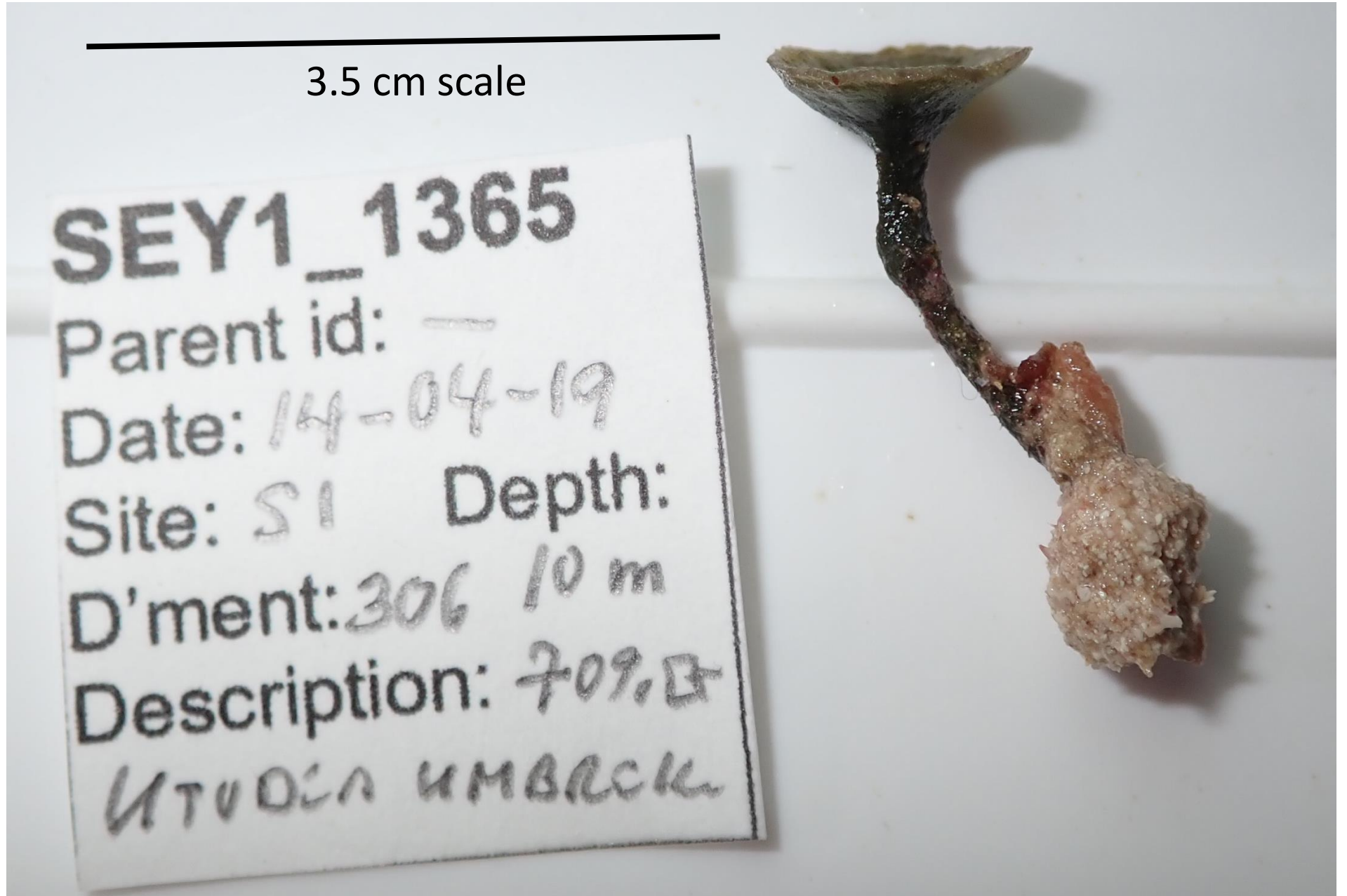
#9)

***Rhipilia cf.
orientalis***

Desroches Atoll
South coast
14 April 2019
SCUBA: 10 m
Coll: JA Mortimer

Identified by
Dr Lydiane Mattio
www.bluecweed.com

SEY1_1365



#10)

***Rhipilia cf.
orientalis***

Desroches Atoll

South coast

14 April 2019

SCUBA: 10 m

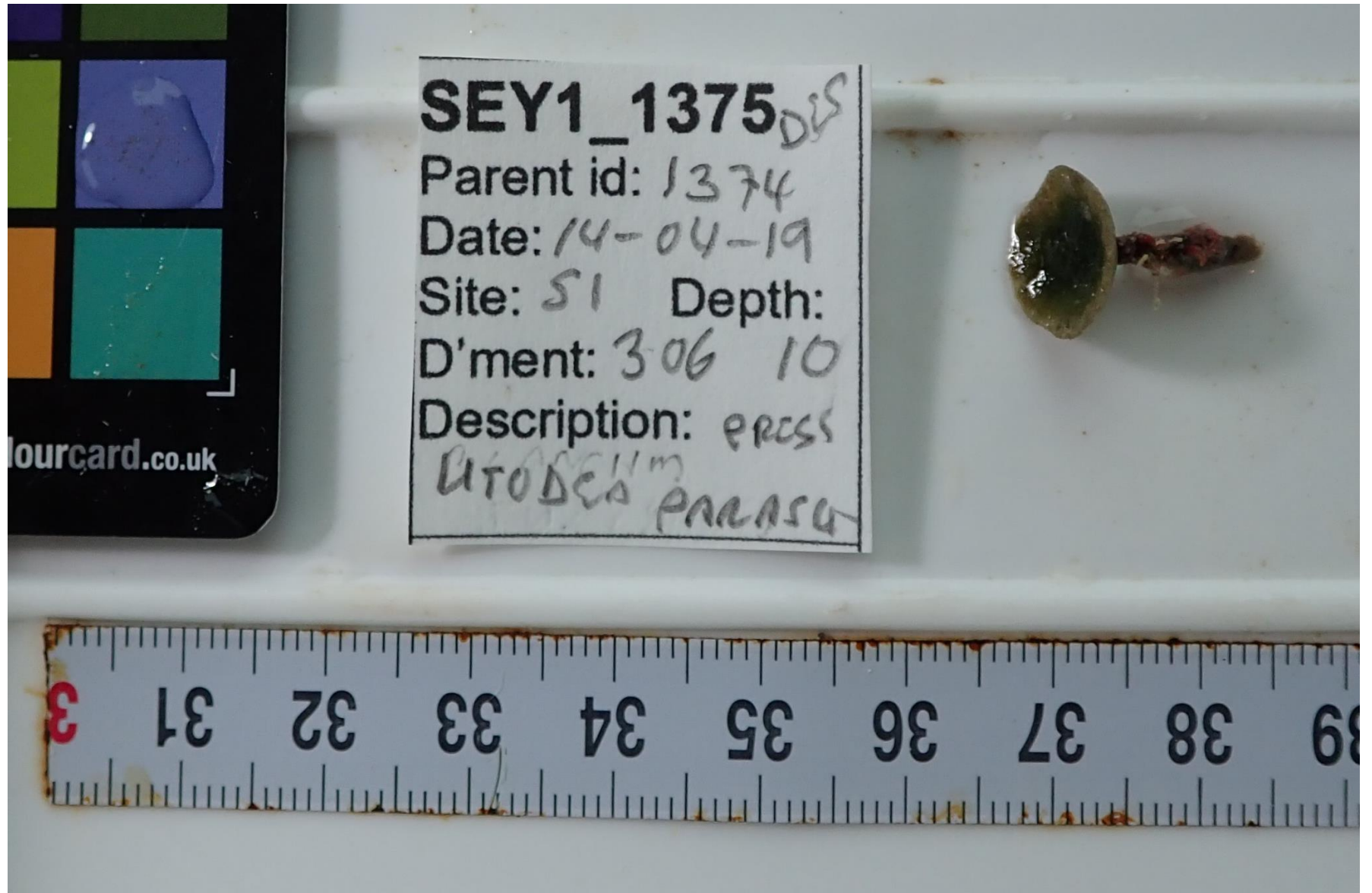
Coll: JA Mortimer

Identified by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_1375



#11)

***Boodlea
composita***

Neuston sample

D'Arros at sea

08 Apr 2019

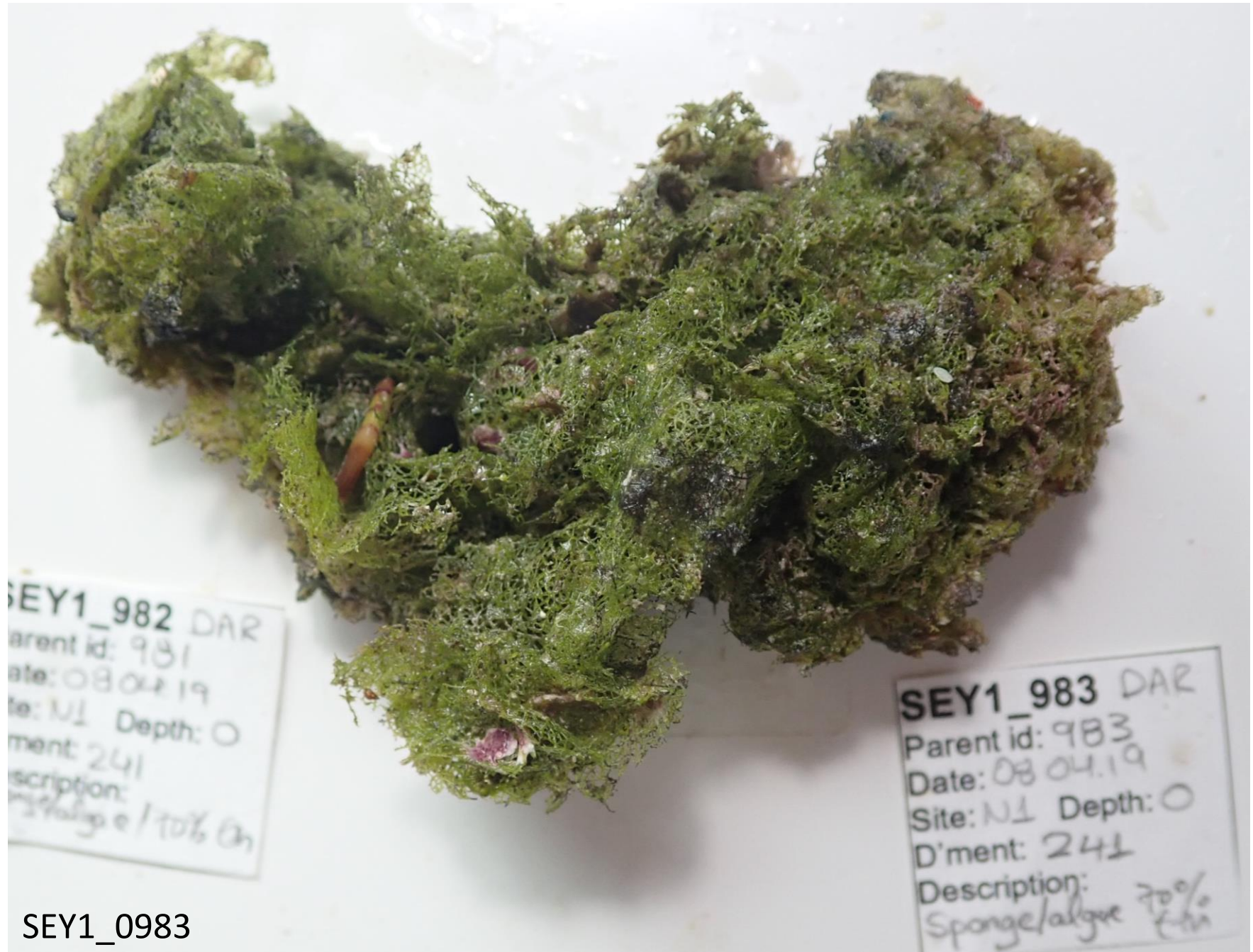
Neuston sample: 0 m

Coll: JA Mortimer

Identified by

Dr Lydiane Mattio

www.bluecweed.com



#12)

***Boodlea
composita***

Neuston sample

Desroches at sea

12 Apr 2019

Neuston sample: 0 m

Coll: JA Mortimer

Identified by

Dr Lydiane Mattio

www.bluecweed.com



SEY1_1203

#13)

Anadyomene sp.

*Attached to coral
on reef*

Desroches Atoll

South coast

14 April 2019

SCUBA: 10 m

Coll: JA Mortimer

Identified by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_1373



#14)

***Dictyosphaeria
versluysii***

Poivre Atoll

SCUBA: 10 m

7 April 2019

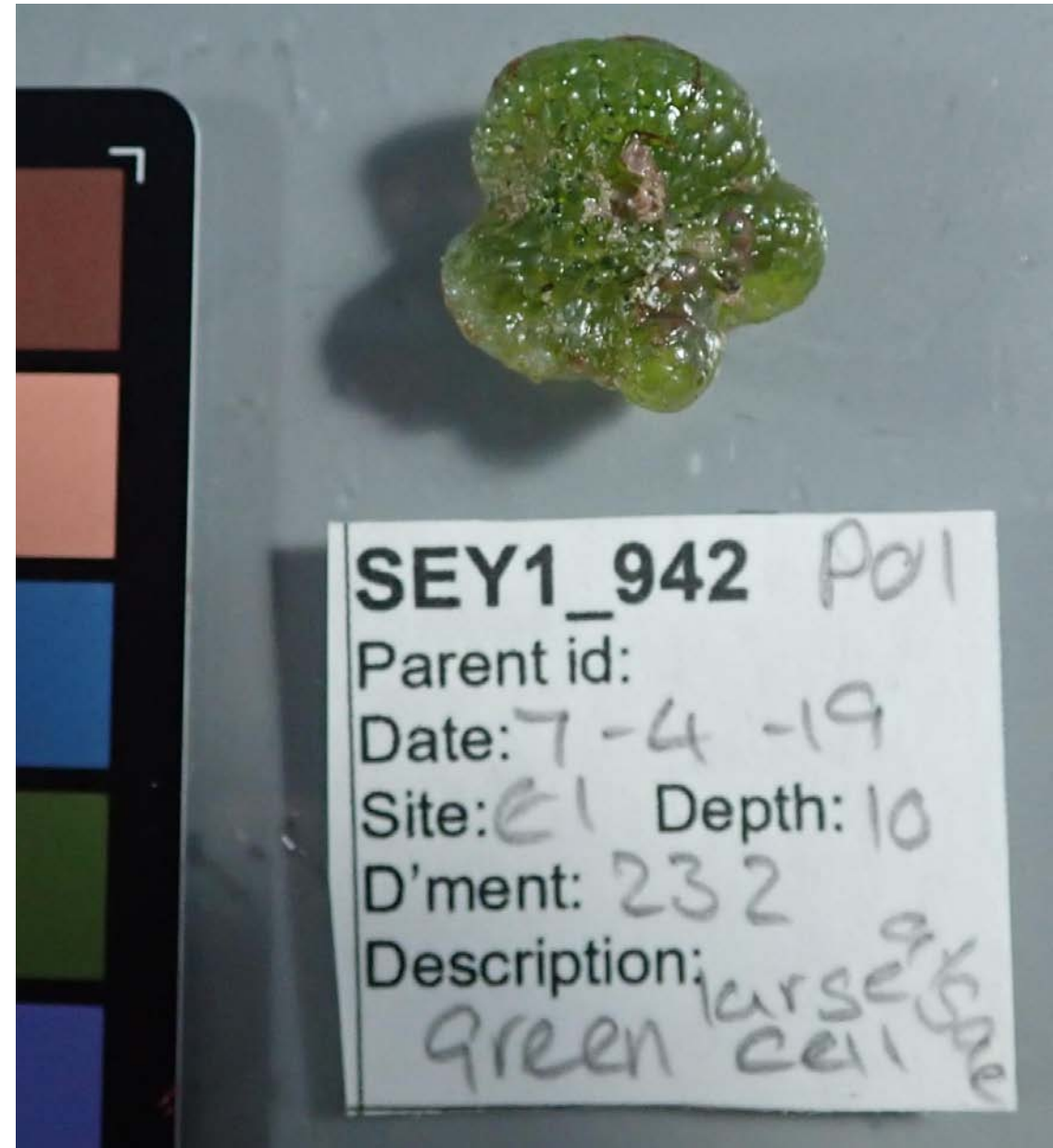
Coll: N Fassbender/
M Morgan

Identified by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_0942



#15)

***Dictyosphaeria
versluysii***

St Joseph Atoll

East coast

10 Apr 2019

Snorkel: 3 m

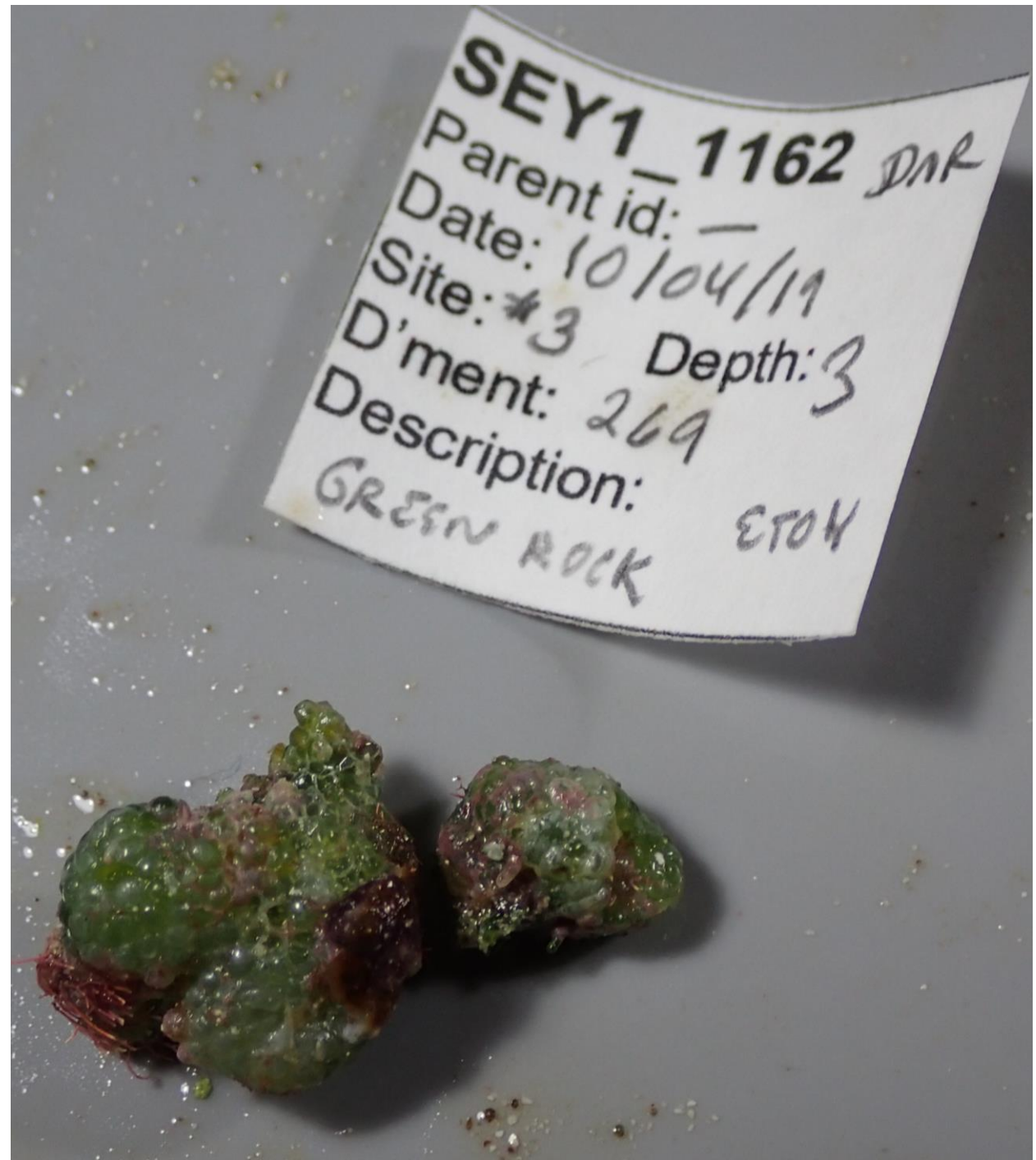
Coll: JA Mortimer

Identified by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_1162



#16) *Dictyosphaeria versluysii*

Desroches Atoll

South coast

14 April 2019

SCUBA: 10 m

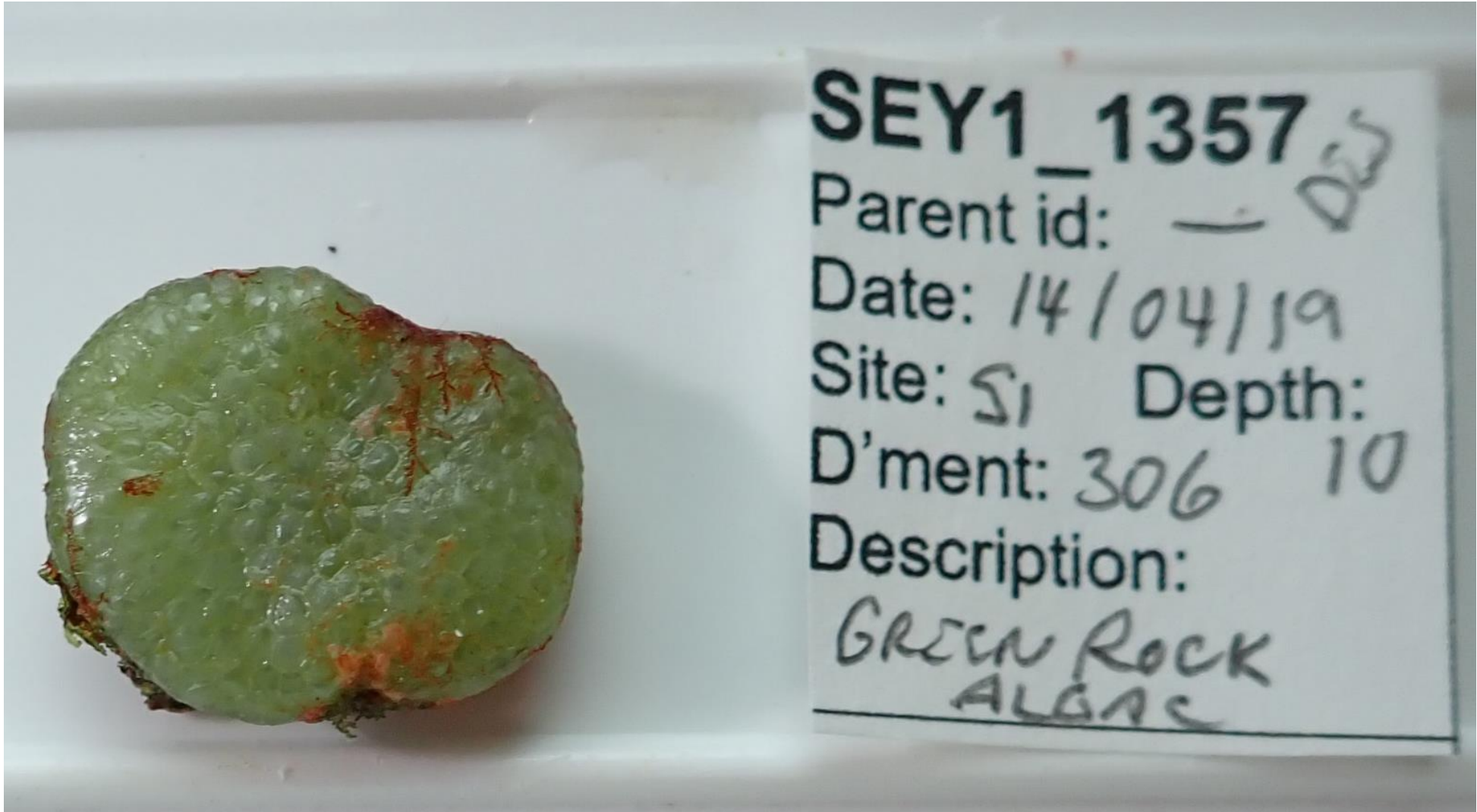
Coll: JA Mortimer

Identified by

Dr Lydiane Mattio

www.bluecweed.com

SEY1_1357



SEY1_1357
Parent id: — DES
Date: 14/04/19
Site: S1 Depth: 10
D'ment: 306
Description:
GREEN ROCK
ALGAE