

Phylum Cnidaria  
Major Code "Coral"

### Agaricia fragilis

Class Anthozoa  
Order Scleractinia  
Family Agariciidae  
Genus Agaricia  
Species fragilis



CPCe "Agaf" "Agaricia fragilis"  
ID J. Reed  
Date ID  
File 201208172\_T-12-54-11\_Dive\_01\_032A.jpg  
Note Agaricia fragilis (two bottom middle)

### Agaricia lamarcki/grahamae

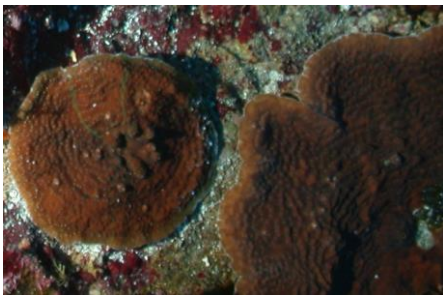
Class Anthozoa  
Order Scleractinia  
Family Agariciidae  
Genus Agaricia  
Species lamarcki/grahamae



CPCe "Agalg" "Agaricia lamarcki/grahamae"  
ID J. Reed  
Date ID  
File 201208172\_T-13-22-18\_Dive\_01\_070A.jpg  
Note A. lamarcki / grahamae?



CPCe "Agalg" "Agaricia lamarcki/grahamae"  
ID Steve Cairns  
Date ID  
File 201208171005 b.jpg  
Note Background: A. lamarcki or A. grahamae;



CPCe "Agalg" "Agaricia lamarcki/grahamae"  
ID J. Reed  
Date ID  
File 201208172\_T-12-54-11\_Dive\_01\_032B.jpg  
Note A. lamarcki / grahamae?



CPCe "Agalg" "Agaricia lamarcki/grahamae"  
ID Steve Cairns  
Date ID  
File 201208212015 a.JPG  
Note A. lamarcki or A. grahamae



CPCe "Agalg" "Agaricia lamarcki/grahamae"  
ID J. Reed  
Date ID 9/19/2013  
File 201308202-T-13-45-25\_031.jpg  
Note Agaricia lamarcki/grahamae (full cover photo)

### Agaricia lamarcki/grahamae

Class Anthozoa  
Order Scleractinia  
Family Agariciidae  
Genus Agaricia  
Species lamarcki/grahamae



CPCe "Agalg" "Agaricia lamarcki/grahamae"  
ID Steve Cairns  
Date ID  
File 201208172\_T-12-59-40\_Dive\_01\_043A.jpg  
Note or A. grahamae?



CPCe "Agalg" "Agaricia lamarcki/grahamae"  
ID J. Reed  
Date ID  
File 201208182\_T-14-55-02\_Dive\_03\_165.jpg  
Note Left = A. fragilis?; Right = lamarcki

### Agaricia sp.

Class Anthozoa  
Order Scleractinia  
Family Agariciidae  
Genus Agaricia  
Species sp.



CPCe "Aga" "Agaricia"  
ID J. Reed  
Date ID  
File 201208174\_T-23-30-34\_Dive\_02\_131A.jpg  
Note bleaching, diseased?



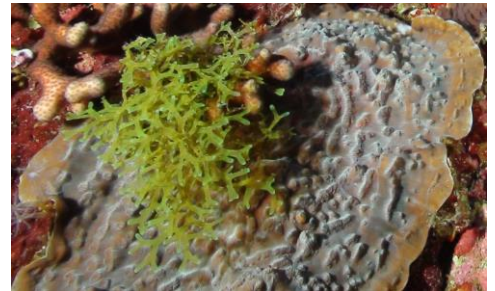
CPCe "Aga" "Agaricia"  
ID J. Reed  
Date ID  
File 201208174\_T-23-30-34\_Dive\_02\_131B.jpg  
Note green banding

### Leptoseris cucullata

Class Anthozoa  
Order Scleractinia  
Family Agariciidae  
Genus Leptoseris  
Species cucullata



CPCe Lep "Leptoseris cucullata"  
ID Steve Cairns  
Date ID  
File 201208224013 b.JPG  
Note Lepto or A. lamarcki



CPCe Lep "Leptoseris cucullata"  
ID Steve Cairns  
Date ID  
File 201208171005 d.JPG  
Note Forground:



CPCe Lep "Leptoseris cucullata"  
ID J. Reed  
Date ID  
File 201208212016 a.JPG  
Note A. lamarcki or A. grahamae; Leptoseris?



CPCe Lep "Leptoseris cucullata"  
ID J. Reed  
Date ID 9/19/2013  
File 201308192-T-19-15-49\_285.jpg  
Note Leptoseris cucullata (perfect photo)



CPCe Lep "Leptoseris cucullata"  
ID  
Date ID  
File 201308203-T-16-54-50\_083.jpg  
Note bleached coral



## Madracis auretenra

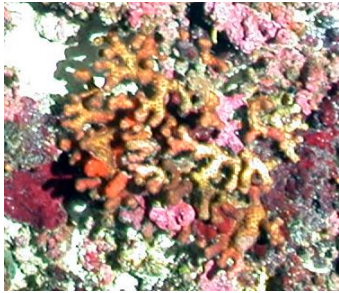
Class Anthozoa  
Order Scleractinia  
Family Pocilloporidae  
Genus Madracis  
Species auretenra



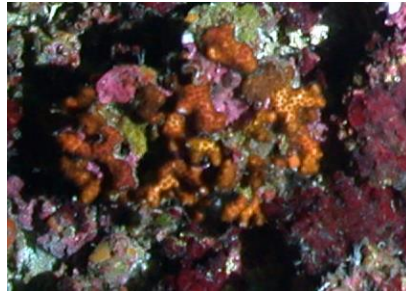
CPCe "Mdrsa" "Madracis auretenra"  
ID  
Date ID  
File 201308192-T-18-16-48\_210A.jpg  
Note Madracis arentenra



CPCe "Mdrsa" "Madracis auretenra"  
ID J. Reed  
Date ID 9/19/2013  
File 201308172-T-14-59-35\_052.jpg  
Note Madracis arentenra?



CPCe "Mdrsa" "Madracis auretenra"  
ID  
Date ID  
File 201308191-T-12-46-27\_102.jpg  
Note Madracis auretenra



CPCe "Mdrsa" "Madracis auretenra"  
ID  
Date ID  
File 201308191-T-11-59-31\_044.jpg  
Note Madracis

## Madracis formosa

Class Anthozoa  
Order Scleractinia  
Family Pocilloporidae  
Genus Madracis  
Species formosa



CPCe "Mdrsf" "Madracis formosa"  
ID Steve Cairns  
Date ID  
File 201208171005 E.jpg  
Note branching



CPCe "Mdrsf" "Madracis formosa"  
ID J. Reed  
Date ID  
File 201208213\_T-12-22-53\_Dive\_09\_003A.jpg  
Note



CPCe "Mdrsf" "Madracis formosa"  
ID J. Reed  
Date ID  
File 201208203\_T-13-11-33\_Dive\_07\_052A.jpg  
Note

## Madracis pharensis

Class Anthozoa  
Order Scleractinia  
Family Pocilloporidae  
Genus Madrasis  
Species pharensis



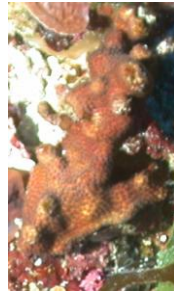
CPCe "Mdrsp" "Madrasis pharensis"  
ID J. Reed  
Date ID  
File 201208193\_T-12-20-06\_Dive\_05\_008A.jpg  
Note pharensis?



CPCe "Mdrsp" "Madrasis pharensis"  
ID J. Reed  
Date ID 9/19/2013  
File 201308191-T-13-36-38\_165.jpg  
Note Madracis pharensis?



CPCe "Mdrsp" "Madrasis pharensis"  
ID  
Date ID  
File 201308191-T-13-03-41\_125.jpg  
Note Madracis pharensis (or senaria, decactis)



CPCe "Mdrsp" "Madrasis pharensis"  
ID J. Reed  
Date ID  
File 201208172\_T-12-54-11\_Dive\_01\_032D.jpg  
Note Thin encrusting M. pharensis or decactis



CPCe "Mdrsp" "Madrasis pharensis"  
ID  
Date ID  
File 201308192-T-16-56-32\_090A.jpg  
Note Madracis



CPCe "Mdrsp" "Madrasis pharensis"  
ID J. Reed  
Date ID  
File 201208172\_T-13-54-17\_Dive\_01\_100B.jpg  
Note Thin encrusting

## Manicina areolata

Class Anthozoa  
Order Scleractinia  
Family Mussidae  
Genus Manicina  
Species areolata



CPCe "Man" "Manicina areolata"  
ID J. Reed  
Date ID 11/18/2013  
File 201208182\_T-12-59-07\_Dive\_03\_043.jpg  
Note



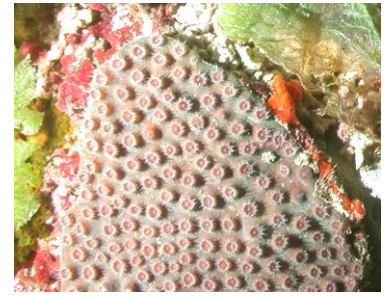
Geographic Location PR

## Montastraea cavernosa

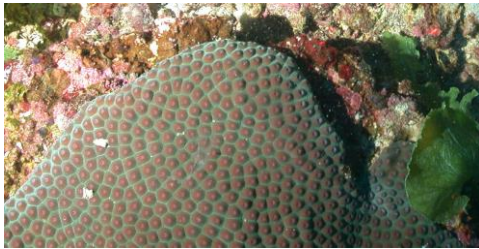
Class Anthozoa  
Order Scleractinia  
Family Faviidae  
Genus Montastraea  
Species cavernosa



CPCe "Mon" "Montastraea cavernosa"  
ID J. Reed  
Date ID  
File 201208193\_T-14-37-23\_Dive\_05\_154.jpg  
Note



CPCe "Mon" "Montastraea cavernosa"  
ID  
Date ID  
File 201208215\_T-23-01-06\_Dive\_10\_156.jpg  
Note



CPCe "Mon" "Montastraea cavernosa"  
ID  
Date ID  
File 201208213\_T-14-26-23\_Dive\_09\_124.jpg  
Note

## Scolymia sp.

Class Anthozoa  
Order Scleractinia  
Family Mussidae  
Genus Scolymia  
Species sp.



CPCe Sco "Scolymia"  
ID J. Reed  
Date ID 9/19/2013  
File 201308152-T-15-19-09\_105.jpg  
Note Scolymia



CPCe Sco "Scolymia"  
ID J. Reed  
Date ID 9/19/2013  
File 201308201-T-11-09-33\_094.jpg  
Note Scolymia

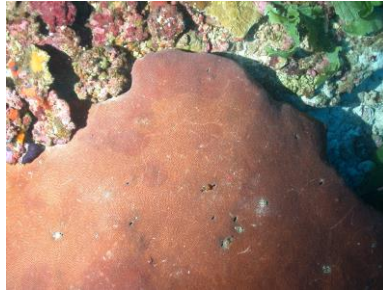


CPCe Sco "Scolymia"  
ID  
Date ID  
File 201308203-T-16-54-50\_083A.jpg  
Note Scolymia

Geographic Location PR

## Stephanocoenia intersepta

Class Anthozoa  
Order Scleractinia  
Family Astrocoeniidae  
Genus Stephanocoenia  
Species intersepta



CPCe Ste "Stephanocoenia intersepta"  
ID  
Date ID  
File 201208213\_T-14-21-44\_Dive\_09\_111.jpg  
Note

## Stylasteridae

Class Hydrozoa  
Order Anthoathecata  
Family Stylasteridae  
Genus -  
Species -



CPCe "STY" "Stylasteridae"  
ID J. Reed  
Date ID 9/19/2013  
File 201308191-T-11-16-30\_002.jpg  
Note Stylasteridae



CPCe "STY" "Stylasteridae"  
ID  
Date ID  
File 201308191-T-11-32-56\_030A.jpg  
Note Stylasteridae



Geographic Location PR

Phylum Cnidaria

Major Code "Alcyonacea- gorgonian"

### Alcyonacea- gorgonian

Class Anthozoa

Order Alcyonacea

Family -

Genus -

Species -



CPCe "GOR" "Alcyonacea- gorgonian"

ID

Date ID

File 201308192-T-18-40-07\_246.jpg

Note



CPCe "GOR" "Alcyonacea- gorgonian"

ID

Date ID

File 201308191-T-11-17-40\_004.jpg

Note gorgonian



CPCe "GOR" "Alcyonacea- gorgonian"

ID

Date ID

File 201308192-T-16-08-30\_028.jpg

Note



CPCe "GOR" "Alcyonacea- gorgonian"

ID

Date ID

File 201308192-T-18-35-17\_234.jpg

Note

### Ellisellidae

Class Anthozoa

Order Alcyonacea

Family Ellisellidae

Genus -

Species -



CPCe "ELL" "Ellisellidae"

ID J. Reed

Date ID 9/19/2013

File 201308192-T-16-52-17\_085.jpg

Note Ellisellidae?



CPCe "ELL" "Ellisellidae"

ID J. Reed

Date ID 9/19/2013

File 201308191-T-11-27-35\_019.jpg

Note Ellisellidae (orange gorg)

## Ellisellidae

Class Anthozoa  
Order Alcyonacea  
Family Ellisellidae  
Genus -  
Species -



CPCe "ELL" "Ellisellidae"  
ID J. Reed  
Date ID 9/19/2013  
File 201308192-T-16-31-43\_064.jpg  
Note Ellisellidae?



CPCe "ELL" "Ellisellidae"  
ID  
Date ID  
File 201308172-T-15-25-04\_081.jpg  
Note Ellisellidae

## Primnoidae

Class Anthozoa  
Order Alcyonacea  
Family Primnoidae  
Genus -  
Species -



CPCe "Prim" "Primnoidae"  
ID  
Date ID  
File 201308173-T-17-42-41\_050.jpg  
Note Primnoid



CPCe "Prim" "Primnoidae"  
ID  
Date ID  
File 201308173-T-17-43-03\_051.jpg  
Note primnoid



Geographic Location PR

Phylum Cnidaria

Major Code "Alcyonacea- Alcyoniina"

## Alcyonacea

Class Anthozoa

Order Alcyonacea

Family -

Genus -

Species -



CPCe "ALCA" "Alcyonacea- Alcyoniina"

ID J. Reed

Date ID 9/19/2013

File 201308192-T-16-25-16\_044.jpg

Note Octocorallia (white long polyps)



CPCe "ALCA" "Alcyonacea- Alcyoniina"

ID J. Reed

Date ID 9/19/2013

File 201308192-T-17-18-12\_117.jpg

Note Nidaliidae

## Chironephthya caribaea

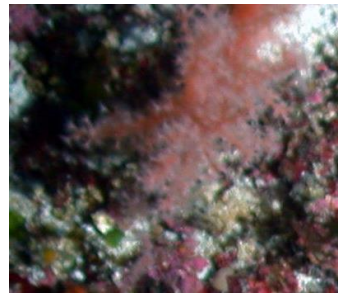
Class Anthozoa

Order Alcyonacea

Family Nidaliidae

Genus Chironephthya

Species caribaea



CPCe "Chic" "Chironephthya caribaea"

ID

Date ID

File 201308192-T-16-21-18\_036A.jpg

Note Chironephthya caribaea?



CPCe "Chic" "Chironephthya caribaea"

ID

Date ID

File 201308192-T-16-19-48\_034.jpg

Note Chironephthya caribaea? (Nidaliidae)

## Nidalia sp.

Class Anthozoa

Order Alcyonacea

Family Nidaliidae

Genus Nidalia

Species sp.



CPCe Nid "Nidalia"

ID J. Reed

Date ID 9/19/2013

File 201308191-T-13-36-38\_165A.jpg

Note Nidalia

Geographic Location PR

Phylum Cnidaria  
Major Code "Antipatharia"

## Antipatharia

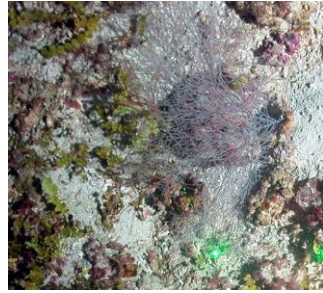
Class Anthozoa  
Order Antipatharia  
Family -  
Genus -  
Species -



CPCe "ANTw" "Antipatharia- white fan"  
ID J. Reed  
Date ID 9/19/2013  
File 201308171-T-12-41-51\_158.jpg  
Note Antipatharia

## Antipatharia

Class Anthozoa  
Order Antipatharia  
Family -  
Genus -  
Species -



CPCe "ANTw" "Antipatharia- white fan"  
ID J. Reed  
Date ID 9/19/2013  
File 201308172-T-15-36-05\_103.jpg  
Note Antipatharia (white bushy)



CPCe "ANTw" "Antipatharia- white fan"  
ID J. Reed  
Date ID 9/17/2013  
File 201208203\_T-14-25-49\_Dive\_07\_135.jpg  
Note White fan



CPCe "ANT" "Antipatharia"  
ID  
Date ID  
File 201208226\_T-22-48-11\_Dive\_12\_092.jpg  
Note



CPCe "ANTw" "Antipatharia- white fan"  
ID  
Date ID  
File 201308191-T-11-26-13\_016.jpg  
Note Antipathes (white fan)



CPCe "ANTw" "Antipatharia- white fan"  
ID J. Reed  
Date ID 9/19/2013  
File 201308172-T-15-33-24\_097.jpg  
Note Antipatharia (white bushy)



## Stichopathes lutkeni

Class Anthozoa  
Order Antipatharia  
Family Antipathidae  
Genus Stichopathes  
Species lutkeni



CPCe "Sti" "Stichopathes lutkeni"  
ID J. Reed  
Date ID 9/19/2013  
File 201308172-T-16-04-46\_130.jpg  
Note Stichopathes lutkeni



CPCe "Sti" "Stichopathes lutkeni"  
ID  
Date ID  
File 201308172-T-14-33-58\_017.jpg  
Note Stichopathes

## Tanacetipathes sp.

Class Anthozoa  
Order Antipatharia  
Family Myriopathidae  
Genus Tanacetipathes  
Species sp.



CPCe "Tan10" "Tanacetipathes"  
ID  
Date ID  
File 201308181-T-11-45-39\_047.jpg  
Note Tanacetipathes?



CPCe "Tan10" "Tanacetipathes"  
ID  
Date ID  
File 201308191-T-11-27-53\_020.jpg  
Note Tanacetipathes?



CPCe "Tan10" "Tanacetipathes"  
ID  
Date ID  
File 201308191-T-12-42-05\_090.jpg  
Note Tanacetipathes?

Geographic Location PR

Phylum Cnidaria

Major Code "Cnidaria non-coral"

## Actiniaria

Class Anthozoa

Order Actiniaria

Family -

Genus -

Species -



CPCe "ACT" "Actinaria"  
ID J. Reed  
Date ID 9/19/2013  
File 201308182-T-14-34-31\_055.jpg  
Note Actiniaria



CPCe "ACT" "Actinaria"  
ID J. Reed  
Date ID 9/19/2013  
File 201308182-T-14-34-24\_054.jpg  
Note Actiniaria



CPCe "ACT" "Actinaria"  
ID  
Date ID  
File 201308181-T-12-14-32\_081.jpg  
Note Actiniaria (Anemone? Long arms)

## Corallimorpharia

Class Anthozoa

Order Corallimorpharia

Family -

Genus -

Species -



CPCe "CRM" "Corallimorpharia"  
ID  
Date ID  
File 201308153-T-17-27-27\_030.jpg  
Note Corallimorpharia



CPCe "CRM" "Corallimorpharia"  
ID J. Reed  
Date ID 9/19/2013  
File 201308171-T-12-42-06\_159.jpg  
Note Corallimorpharia

## Corallimorpharia

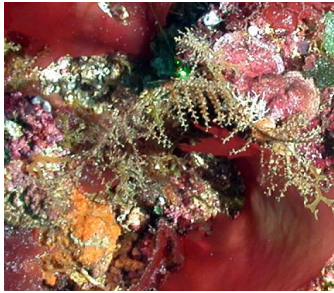
Class Anthozoa  
Order Corallimorpharia  
Family -  
Genus -  
Species -



CPCe "CRM" "Corallimorpharia"  
ID J. Reed  
Date ID 9/19/2013  
File 201308153-T-18-44-43\_117.jpg  
Note Corallimorpharia? (COOL- weird)

## Hydroida sp.

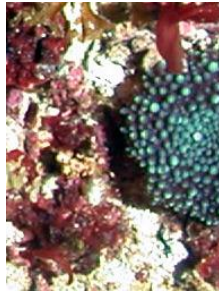
Class Hydrozoa  
Order Hydroida  
Family -  
Genus -  
Species sp.



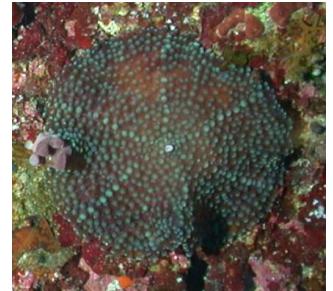
CPCe "HYD" "Hydroidolina"  
ID  
Date ID  
File 201308161-T-12-05-08\_091.jpg  
Note hydroid

## Ricordea florida

Class Anthozoa  
Order Corallimorpharia  
Family Ricordeidae  
Genus Ricordea  
Species florida



CPCe "Ricf" "Ricordia florida"  
ID J. Reed  
Date ID 9/19/2013  
File 201308201-T-11-07-08\_085.jpg  
Note Ricordia florida (Corallimorpharia- Cool anemone)



CPCe "Ricf" "Ricordia florida"  
ID  
Date ID  
File 201208193\_T-14-54-31\_Dive\_05\_174.jpg  
Note



Geographic Location PR

Phylum Porifera  
Major Code "Porifera"

### Acanthella sp.

Class Demospongiae  
Order Halichondrida  
Family Dictyonellidae  
Genus Acanthella  
Species sp.



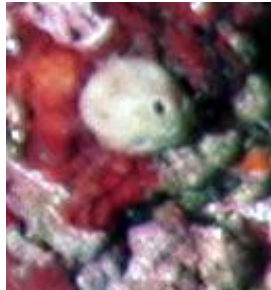
CPCe "Acan" "Acanthella"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-18-59-12\_267.jpg  
Note thin hollow tube (Pig snout); SP: "Acanthella? sp."



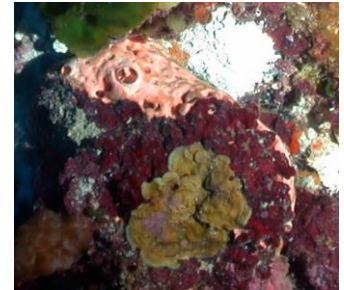
CPCe "Acan" "Acanthella"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-19-00-35\_270.jpg  
Note Yellow hollow tube; SP: "Acanthella? sp."

### Agelas citrina

Class Demospongiae  
Order Agelasida  
Family Agelasidae  
Genus Agelas  
Species citrina



CPCe "Agec" "Agelas citrina"  
ID J. Reed  
Date ID 11/25/2013  
File 201208195\_T-22-41-52\_Dive\_06\_080.jpg  
Note



CPCe "Agec" "Agelas citrina"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308203-T-16-24-58\_034.jpg  
Note pink soft oscules; SP: "Agelas citrina?"



CPCe "Agec" "Agelas citrina"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208226\_T-21-32-54\_Dive\_12\_025A.jpg  
Note Demo- pi club; SP: "Agelas citrina?"



CPCe "Agec" "Agelas citrina"  
ID J. Reed  
Date ID 11/25/2013  
File 201208195\_T-22-09-34\_Dive\_06\_034.jpg  
Note

### Agelas clathrodes

Class Demospongiae  
Order Agelasida  
Family Agelasidae  
Genus Agelas  
Species clathrodes



CPCe "Agcl" "Agelas clathrodes"  
ID Pomponi, Paco Cardenas  
Date ID  
File 201208195\_T-22-12-10\_Dive\_06\_039.jpg  
Note



CPCe "Agcl" "Agelas clathrodes"  
ID J. Reed  
Date ID 11/25/2013  
File 201208213\_T-13-22-51\_Dive\_09\_064.jpg  
Note



CPCe "Agcl" "Agelas clathrodes"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308172-T-15-58-47\_121.jpg  
Note Agelas clathrodes



CPCe "Agcl" "Agelas clathrodes"  
ID Pomponi, Paco Cardenas  
Date ID  
File 201208234\_T-22-28-15\_Dive\_14\_085.jpg  
Note

### Agelas conifera

Class Demospongiae  
Order Agelasida  
Family Agelasidae  
Genus Agelas  
Species conifera



CPCe "Agco" "Agelas conifera"  
ID J. Reed  
Date ID 11/12/2013  
File 201208213\_T-12-34-19\_Dive\_09\_028.jpg  
Note SP: "Agelas sp."



CPCe "Agco" "Agelas conifera"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308182-T-16-37-55\_182.jpg  
Note



CPCe "Agco" "Agelas conifera"  
ID J. Reed  
Date ID 11/25/2013  
File 201208193\_T-12-27-36\_Dive\_05\_023.jpg  
Note



CPCe "Agco" "Agelas conifera"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308202-T-13-40-42\_012.jpg  
Note Agelas conifera



CPCe "Agco" "Agelas conifera"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208215\_T-20-59-31\_Dive\_10\_019C.jpg  
Note br ze top right; SP: "Agelas conifera (from SpongeGuide)"

## Agelas- PR1

Class Demospongiae  
Order Agelasida  
Family Agelasidae  
Genus Agelas  
Species sp.



CPCe "Age-PR1" "Agelas- PR1"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308181-T-12-35-53\_107.jpg  
Note (Red-br thick hollow tube) SP: "Agelas? Sp."



CPCe "Age-PR1" "Agelas- PR1"  
ID J. Reed  
Date ID 11/25/2013  
File 201308182-T-15-50-57\_160.jpg  
Note



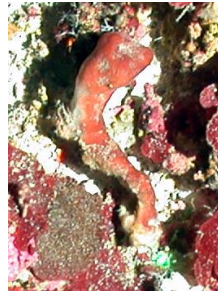
CPCe "Age-PR1" "Agelas- PR1"  
ID Pomponi, Paco Cardenas  
Date ID  
File 201208203\_T-14-32-51\_Dive\_07\_145.jpg  
Note th ht; SP: "Agelas conifera"



CPCe "Age-PR1" "Agelas- PR1"  
ID J. Reed  
Date ID 11/25/2013  
File 201208195\_T-22-31-02\_Dive\_06\_058.jpg  
Note

## Agelas- PR2

Class Demospongiae  
Order Agelasida  
Family Agelasidae  
Genus Agelas  
Species sp.



CPCe "Age-PR2" "Agelas- PR2"  
ID J. Reed  
Date ID 11/8/2013  
File 201308192-T-18-16-25\_209.jpg  
Note Rubbery

## Agelas- PR3

Class Demospongiae  
Order Agelasida  
Family Agelasidae  
Genus Agelas  
Species sp.



CPCe "Age-PR3" "Agelas- PR3"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308203-T-16-24-51\_033.jpg  
Note SP: "Agelas? sp."



### Agelas- PR5

Class Demospongiae  
Order Agelasida  
Family Agelasidae  
Genus Agelas  
Species sp.



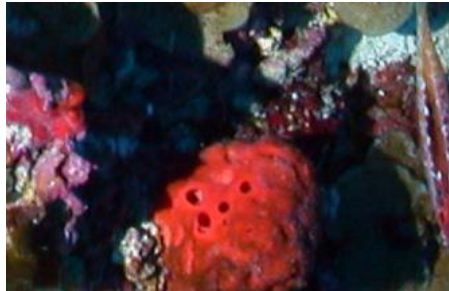
CPCe "Age-PR5" "Agelas- PR5"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208215\_T-20-59-31\_Dive\_10\_019D.jpg  
Note Similar to A. clathrodes but oscules with raised rims; SP: "Agelas"



CPCe "Age-PR5" "Agelas- PR5"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208234\_T-23-17-15\_Dive\_14\_136A.jpg  
Note Similar to A. clathrodes but oscules with raised rims; SP: "Agelas"



CPCe "Age-PR5" "Agelas- PR5"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208223\_T-13-51-22\_Dive\_11\_096A.jpg  
Note Similar to A. clathrodes but oscules with raised rims; SP: "Agelas"



CPCe "Age-PR5" "Agelas- PR5"  
ID J. Reed  
Date ID 11/25/2013  
File 201208223\_T-13-38-42\_Dive\_11\_084.jpg  
Note

### Agelas sp.

Class Demospongiae  
Order Agelasida  
Family Agelasidae  
Genus Agelas  
Species sp.



CPCe "Agl" "Agelas"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308152-T-16-19-20\_177.jpg  
Note pi; cluster thick hollow tubes; SP: "Agelas sp."



CPCe "Agl" "Agelas"  
ID J. Reed  
Date ID 11/18/2013  
File 201308171-T-11-30-13\_064.jpg  
Note SP: "Looks more like Agelas"



CPCe "Agl" "Agelas"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308161-T-11-24-11\_030A.jpg  
Note Pretty sponges- Petrosiidae?; SP: "Agelas"

## **Aiolochoiria crassa**

Class Demospongiae  
Order Verongida  
Family Aplysinidae  
Genus Aiolochoiria  
Species crassa



CPCe "Aio" "Aiolochoiria crassa"  
ID J. Reed  
Date ID 11/25/2013  
File 201308202-T-14-32-27\_116.jpg  
Note

## **Amphimedon- PR1**

Class Demospongiae  
Order Haplosclerida  
Family Niphatidae  
Genus Amphimedon  
Species sp.



CPCe "Amp-PR1" "Amphimedon- PR1"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208184\_T-21-29-48\_Dive\_04\_023.jpg  
Note SP: "Amphimedon? sp."

## **Amphimedon- PR2**

Class Demospongiae  
Order Haplosclerida  
Family Niphatidae  
Genus Amphimedon  
Species sp.



CPCe "Amp-PR2" "Amphimedon- PR2"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308172-T-15-34-56\_100.jpg  
Note orange creeping branching; SP: "Amphimedon sp."



CPCe "Amp-PR2" "Amphimedon- PR2"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308181-T-11-24-13\_016.jpg  
Note orange creepong branching; SP: "Amphimedon? sp."



CPCe "Amp-PR2" "Amphimedon- PR2"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308181-T-11-24-31\_017A.jpg  
Note orange creeping branching; SP: "Amphimedon? sp."



CPCe "Amp-PR2" "Amphimedon- PR2"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308181-T-11-19-06\_001.jpg  
Note orange creeping branching; SP: "Amphimedon? sp."



CPCe "Amp-PR2" "Amphimedon- PR2"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308181-T-11-23-54\_015.jpg  
Note orange creeping branching; SP: "Amphimedon sp."



## Amphimedon- PR2

Class Demospongiae  
Order Haplosclerida  
Family Niphatidae  
Genus Amphimedon  
Species sp.



CPCe "Amp-PR2" "Amphimedon- PR2"  
ID J. Reed  
Date ID 11/12/2013  
File 201308162-T-16-20-23\_151.jpg  
Note Demospongiae- or fi (Orange soft CB)

## Aplysina bathyphila

Class Demospongiae  
Order Verongida  
Family Aplysinidae  
Genus Aplysina  
Species bathyphila



CPCe "Aplb" "Aplysina bathyphila"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308172-T-14-35-17\_019.jpg  
Note SP: "Aplysina bathyphila?"



CPCe "Aplb" "Aplysina bathyphila"  
ID J. Reed  
Date ID 11/25/2013  
File 201308182-T-14-56-12\_088.jpg  
Note



CPCe "Aplb" "Aplysina bathyphila"  
ID J. Reed  
Date ID 11/25/2013  
File 201308192-T-19-16-20\_286.jpg  
Note

## Aplysina lacunosa

Class Demospongiae  
Order Verongida  
Family Aplysinidae  
Genus Aplysina  
Species lacunosa



CPCe "Aplla" "Aplysina lacunosa"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308161-T-12-28-36\_119.jpg  
Note Aplysina lacunosa (tube)/ SP: "I'd put a '?' after the species name."



CPCe "Aplla" "Aplysina lacunosa"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308202-T-14-35-44\_128.jpg  
Note Aplysina lacunosa (tube)/ SP: "I'd put a '?' after the species name."



### Aplysina sp.

Class Demospongiae  
Order Verongida  
Family Aplysinidae  
Genus Aplysina  
Species sp.



CPCe "Apl" "Aplysina"  
ID J. Reed  
Date ID 11/25/2013  
File 201308192-T-19-26-35\_317.jpg  
Note



CPCe "Apl" "Aplysina"  
ID J. Reed  
Date ID 11/25/2013  
File 201308182-T-15-44-43\_141.jpg  
Note



CPCe "Apl" "Aplysina"  
ID J. Reed  
Date ID 11/25/2013  
File 201308192-T-19-54-03\_341.jpg  
Note

### Astrophorida- PR1

Class Demospongiae  
Order Astrophorida  
Family -  
Genus -  
Species -



CPCe "ASTR-PR1" "Astrophorida- PR1"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208205\_T-22-59-44\_Dive\_08\_115A.jpg  
Note Demo- Brown, thick cake

### Astrophorida- PR2

Class Demospongiae  
Order Astrophorida  
Family -  
Genus -  
Species -



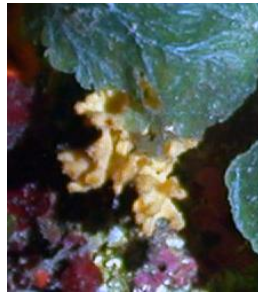
CPCe "ASTR-PR2" "Astrophorida- PR2"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-18-07-36\_187.jpg  
Note Yellow, erect branching antlers; SP: "Ye top and Ye antlers may be same, but I don't think they're Axinellids; maybe Astr???"



CPCe "ASTR-PR2" "Astrophorida- PR2"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-18-37-03\_237.jpg  
Note Demospongiae (ye top); SP: "Ye top and Ye antlers may be same, but I don't think they're Axinellids; maybe Astr???"

## Astrophorida- PR2

Class Demospongiae  
Order Astrophorida  
Family -  
Genus -  
Species -



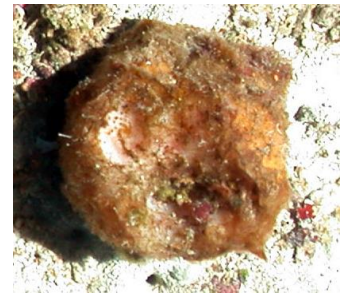
CPCe "ASTR-PR2" "Astrophorida- PR2"  
ID J. Reed  
Date ID 11/26/2013  
File 201308192-T-18-06-16\_183.jpg  
Note

## Astrophorida

Class Demospongiae  
Order Astrophorida  
Family -  
Genus -  
Species -



CPCe "ASTR" "Astrophorida"  
ID J. Reed  
Date ID 11/18/2013  
File 201308192-T-18-38-38\_242.jpg  
Note



CPCe "ASTR" "Astrophorida"  
ID  
Date ID  
File 201308182-T-14-00-25\_001.jpg  
Note Astrophorida (sp)



CPCe "ASTR" "Astrophorida"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-17-42-01\_142.jpg  
Note Astrophorida (cup); SP: Looks similar to 201208195\_T-23-43-28\_Dive\_06\_137\_Geodia.jpg

## Auleta sp.

Class Demospongiae  
Order Halichondrida  
Family Axinellidae  
Genus Auleta  
Species sp.



CPCe "Aul" "Auleta"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-19-50-02\_331.jpg  
Note yellow cluster tubes; SP: "Auleta? sp."



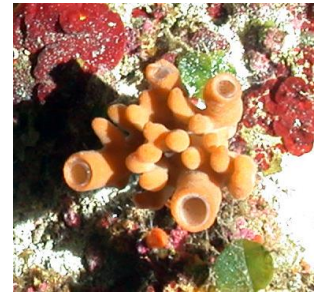
CPCe "Aul" "Auleta"  
ID J. Reed  
Date ID 11/25/2013  
File 201308191-T-11-32-40\_029.jpg  
Note

## Auleta sp.

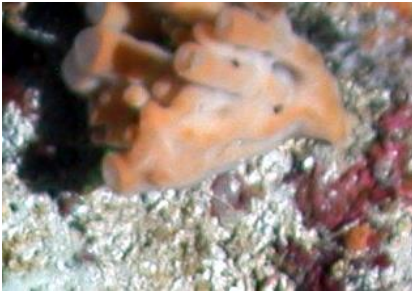
Class Demospongiae  
Order Halichondrida  
Family Axinellidae  
Genus Auleta  
Species sp.



CPCe "Aul" "Auleta"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-18-16-48\_210.jpg  
Note Aplysina?- orange tubes; SP: "Auleta? Sp."



CPCe "Aul" "Auleta"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-17-19-58\_122.jpg  
Note cluster hollow tubes; SP: "Auleta sp."



CPCe "Aul" "Auleta"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-15-59-22\_006.jpg  
Note cluster hollow tubes; SP: "Auleta? sp."



CPCe "Aul" "Auleta"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-19-02-53\_278.jpg  
Note SP: "Auleta? sp."

## Axinella corrugata

Class Demospongiae  
Order Halichondrida  
Family Axinellidae  
Genus Axinella  
Species corrugata



CPCe "Axic" "Axinella corrugata"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-17-43-19\_145.jpg  
Note SP: "Axinella corrugata?"

## Axinellidae- PR1

Class Demospongiae  
Order Halichondrida  
Family Axinellidae  
Genus -  
Species -

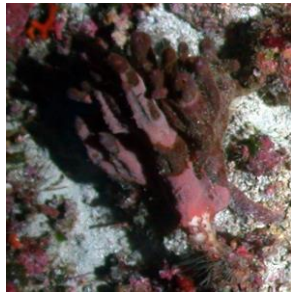


CPCe "AXI-PR1" "Axinellidae- PR1"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208223\_T-12-30-26\_Dive\_11\_005.jpg  
Note orange, rugose hollow tube; SP: "OK as tentatively ID'd."



## Axinellidae- PR2

Class Demospongiae  
Order Halichondrida  
Family Axinellidae  
Genus -  
Species -



CPCe "AXI-PR2" "Axinellidae- PR2"  
ID J. Reed  
Date ID 11/8/2013  
File 201308192-T-16-30-20\_059.jpg  
Note Cluster Fingers, purple; SP: "This looks like Discodermia sp. I'm just a bit concerned about the pink encrusting sponge on it."

## Axinellidae

Class Demospongiae  
Order Halichondrida  
Family Axinellidae  
Genus -  
Species -



CPCe "AXI" "Axinellidae"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308191-T-11-57-32\_040.jpg  
Note Demo (Orange sp); SP: "Axinellidae?"

## Callyspongia (Cladochalina) vaginalis

Class Demospongiae  
Order Haplosclerida  
Family Callyspongiidae  
Genus Callyspongia  
Species vaginalis



CPCe "CaV" "Callyspongia vaginalis"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208215\_T-22-15-27\_Dive\_10\_102.jpg  
Note SP: "Callyspongia vaginalis"

## Callyspongia sp.

Class Demospongiae  
Order Haplosclerida  
Family Callyspongiidae  
Genus Callyspongia  
Species sp.



CPCe "Call" "Callyspongia"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308162-T-14-44-21\_015.jpg  
Note Callyspongia (Branching sponge); SP: "Maybe."

## Chondrilla- PR1

Class Demospongiae  
Order Chondrosida  
Family Chondrillidae  
Genus Chondrilla  
Species sp.



CPCe "Chd-PR1" "Chondrilla- PR1"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308203-T-16-31-01\_037.jpg  
Note lav, encrusting smooth; SP: "May be a Chondrilla; not a Chondrosia."

## Chondrosia sp.

Class Demospongiae  
Order Chondrosida  
Family Chondrillidae  
Genus Chondrosia  
Species sp.



CPCe "Cho" "Chondrosia"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308181-T-11-22-31\_011.jpg  
Note SP: "Chondrosia? sp."

## Cinachyrella sp.

Class Demospongiae  
Order Spirophorida  
Family Tetillidae  
Genus Cinachyrella  
Species sp.



CPCe "Cin" "Cinachyrella sp./Cinachyrella sp."  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-19-02-14\_276.jpg  
Note SP: "Cinachyrella sp."

## Demospongiae- PR01

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR1" "Demospongiae- PR01"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308191-T-11-41-43\_035.jpg  
Note Demo- ye cl (yellow club)



CPCe "DEM-PR1" "Demospongiae- PR01"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308191-T-11-32-56\_030.jpg  
Note Demosponge- ye cl (yellow club)



CPCe "DEM-PR1" "Demospongiae- PR01"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308191-T-13-04-13\_127A.jpg  
Note Demo- ye cl (yellow club)

## Demospongiae- PR02

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR02" "Demospongiae- PR02"  
ID J. Reed  
Date ID 11/12/2013  
File 201308203-T-16-19-09\_013.jpg  
Note DEM-PR02

## Demospongiae- PR03

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR03" "Demospongiae- PR03"  
ID J. Reed  
Date ID 11/12/2013  
File 201308192-T-16-09-15\_031.jpg  
Note Orange Spherical



## Demospongiae- PR04

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR04" "Demospongiae- PR04"  
ID J. Reed  
Date ID 11/12/2013  
File 201308152-T-14-05-42\_016.jpg  
Note Demospongiae (orange fingers)

## Demospongiae- PR05

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR05" "Demospongiae- PR05"  
ID J. Reed  
Date ID 11/12/2013  
File 201308172-T-14-39-08\_029.jpg  
Note Demospongiae (tube)

## Demospongiae- PR06

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR06" "Demospongiae- PR06"  
ID J. Reed  
Date ID 11/12/2013  
File 201308173-T-17-39-44\_043.jpg  
Note

## Demospongiae- PR07

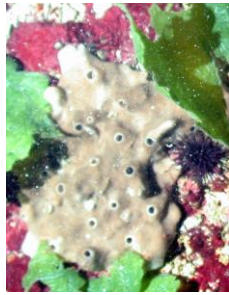
Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR07" "Demospongiae- PR07"  
ID J. Reed  
Date ID 11/12/2013  
File 201308162-T-15-25-09\_100.jpg  
Note Demo (Or lump)

## Demospongiae- PR08

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR08" "Demospongiae- PR08"  
ID J. Reed  
Date ID 11/12/2013  
File 201208215\_T-22-13-55\_Dive\_10\_096.jpg  
Note

## Demospongiae- PR09

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR09" "Demospongiae- PR09"  
ID J. Reed  
Date ID 11/12/2013  
File 201308152-T-14-08-16\_020.jpg  
Note Demospongiae (Red fingers)

## Demospongiae- PR10

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR10" "Demospongiae- PR10"  
ID J. Reed  
Date ID 11/12/2013  
File 201308181-T-11-26-59\_027.jpg  
Note Demo unid. (middle)

## Demospongiae- PR11

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR11" "Demospongiae- PR11"  
ID J. Reed  
Date ID 11/12/2013  
File 201308182-T-15-46-02\_145.jpg  
Note Demospongiae (Orange sponge)

## Demospongiae- PR12

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR12" "Demospongiae- PR12"  
ID J. Reed  
Date ID 11/12/2013  
File 201308192-T-16-21-55\_037.jpg  
Note Demo (sponges)



CPCe "DEM-PR12" "Demospongiae- PR12"  
ID J. Reed  
Date ID 11/26/2013  
File 201308192-T-18-06-37\_184.jpg  
Note

## Demospongiae- PR13

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR13" "Demospongiae- PR13"  
ID J. Reed  
Date ID 11/12/2013  
File 201308192-T-16-19-48\_034A.jpg  
Note Demo (or fing)

## Demospongiae- PR14

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR14" "Demospongiae- PR14"  
ID J. Reed  
Date ID 11/12/2013  
File 201308191-T-13-28-37\_146.jpg  
Note Demospongiae (Cream sponges)



CPCe "DEM-PR14" "Demospongiae- PR14"  
ID J. Reed  
Date ID 11/26/2013  
File 201308191-T-13-02-20\_122.jpg  
Note

## Demospongiae- PR15

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -

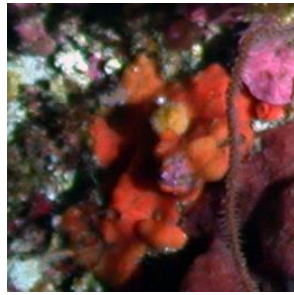


CPCe "DEM-PR15" "Demospongiae- PR15"  
ID J. Reed  
Date ID 11/12/2013  
File 201208213\_T-12-27-01\_Dive\_09\_012.jpg  
Note



## Demospongiae- PR16

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR16" "Demospongiae- PR16"  
ID J. Reed  
Date ID 11/12/2013  
File 201308191-T-11-28-50\_022.jpg  
Note Demo (orange)

## Demospongiae- PR17

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR17" "Demospongiae- PR17"  
ID J. Reed  
Date ID 11/12/2013  
File 201308191-T-11-26-13\_016A.jpg  
Note Demo (br branching sp)

## Demospongiae- PR18

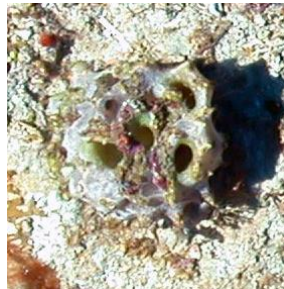
Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR18" "Demospongiae- PR18"  
ID J. Reed  
Date ID 11/12/2013  
File 201208195\_T-23-33-54\_Dive\_06\_122.jpg  
Note

## Demospongiae- PR19

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR19" "Demospongiae- PR19"  
ID J. Reed  
Date ID 11/25/2013  
File 201208223\_T-14-03-00\_Dive\_11\_112.jpg  
Note



CPCe "DEM-PR19" "Demospongiae- PR19"  
ID J. Reed  
Date ID 11/12/2013  
File 201208203\_T-13-13-51\_Dive\_07\_057.jpg  
Note

## Demospongiae- PR20

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR20" "Demospongiae- PR20"  
ID J. Reed  
Date ID 11/12/2013  
File 201308192-T-18-37-03\_237A.jpg  
Note Poecilosclerida (or bottom);



CPCe "DEM-PR20" "Demospongiae- PR20"  
ID J. Reed  
Date ID 11/25/2013  
File 201208223\_T-12-30-48\_Dive\_11\_007.jpg  
Note

## Demospongiae- PR21

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR21" "Demospongiae- PR21"  
ID J. Reed  
Date ID 11/12/2013  
File 201308172-T-16-35-41\_163.jpg  
Note Demospongiae (Orange ball sponge)

## Demospongiae- PR22

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR22" "Demospongiae- PR22"  
ID J. Reed  
Date ID 11/12/2013  
File 201308192-T-16-57-12\_091.jpg  
Note Demo? Bryozoa? (Dead folded)

## Demospongiae- PR23

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR23" "Demospongiae- PR23"  
ID J. Reed  
Date ID 11/12/2013  
File 201308203-T-16-31-46\_040.jpg  
Note Haliclona? (Pi cl ht)

## Demospongiae- PR24

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR24" "Demospongiae- PR24"  
ID J. Reed  
Date ID 11/12/2013  
File 201308181-T-12-50-23\_133.jpg  
Note Demospongiae

## Demospongiae- PR25

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR25" "Demospongiae- PR25"  
ID J. Reed  
Date ID 11/26/2013  
File 201208226\_T-23-45-03\_Dive\_12\_151.jpg  
Note

## Demospongiae- PR26

Class Demospongiae  
Order -  
Family -  
Genus -  
Species -



CPCe "DEM-PR26" "Demospongiae- PR26"  
ID J. Reed  
Date ID 11/26/2013  
File 201208223\_T-13-06-56\_Dive\_11\_051.jpg  
Note

## Dictyoceratida- PR1

Class Demospongiae  
Order Dictyoceratida  
Family -  
Genus -  
Species -



CPCe "DCTY-PR1" "Dictyoceratida- PR01"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-18-39-24\_244.jpg  
Note SP: "Dictyoceratida blue tube"

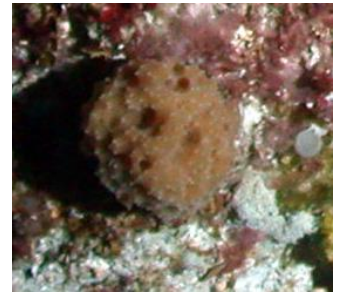


## Dictyoceratida

Class Demospongiae  
Order Dictyoceratida  
Family -  
Genus -  
Species -



CPCe "DCTY" "Dictyoceratida"  
ID  
Date ID  
File 201308172-T-15-08-12\_068.jpg  
Note Dictyoceratida (brown)



CPCe "DCTY" "Dictyoceratida"  
ID  
Date ID  
File 201308172-T-15-22-03\_075.jpg  
Note Dictyoceratida?



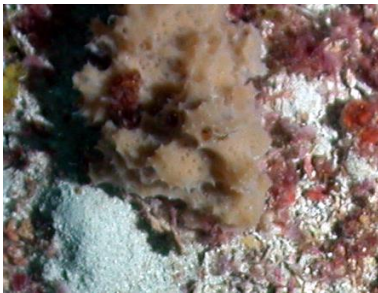
CPCe "DCTY" "Dictyoceratida"  
ID  
Date ID  
File 201308172-T-15-26-22\_084.jpg  
Note Dictyoceratida



CPCe "DCTY" "Dictyoceratida"  
ID  
Date ID  
File 201308172-T-16-27-16\_144.jpg  
Note Dictyoceratida



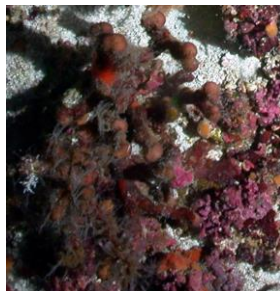
CPCe "DCTY" "Dictyoceratida"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208213\_T-12-34-45\_Dive\_09\_029.jpg  
Note SP: "Dictyoceratida"



CPCe "DCTY" "Dictyoceratida"  
ID  
Date ID  
File 201308172-T-16-31-24\_153.jpg  
Note Dictyoceratida

## Discodermia sp.

Class Demospongiae  
Order Lithistida  
Family Theonellidae  
Genus Discodermia  
Species sp.



CPCe "Disc" "Discodermia"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-16-58-45\_096.jpg  
Note Xestospongia?- branching; SP: "May be Discodermia"



CPCe "Disc" "Discodermia"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308201-T-10-49-10\_057.jpg  
Note Pink/purple Tubes; SP: "Discodermia? Sp."

## Erylus formosus

Class Demospongiae  
Order Astrophorida  
Family Geodiidae  
Genus Erylus  
Species formosus



CPCe "Eryf" "Erylus formosus"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208193-T-14-56-37\_Dive\_05\_179.jpg  
Note SP: "Erylus formosus"

## Erylus- PR1

Class Demospongiae  
Order Astrophorida  
Family Geodiidae  
Genus Erylus  
Species sp.



CPCe "Ery-PR1" "Erylus- PR1"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308191-T-13-04-13\_127.jpg  
Note SP: "which may be same as Erylus cluster fat fingers."



CPCe "Ery-PR1" "Erylus- PR1"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-17-45-12\_151.jpg  
Note S.P. "This may be the same as Erylus Yellow-gray tube"



CPCe "Ery-PR1" "Erylus- PR1"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-18-35-17\_234A.jpg  
Note brown and yellow cluster hollow tubes; SP: "Yes--and this is the same as 201308192-T-17-45-12\_151 .jpg"



CPCe "Ery-PR1" "Erylus- PR1"  
ID J. Reed  
Date ID 11/25/2013  
File 201308182-T-17-05-42\_226.jpg  
Note



CPCe "Ery-PR1" "Erylus- PR1"  
ID J. Reed  
Date ID 11/12/2013  
File 201308181-T-12-42-38\_128.jpg  
Note



CPCe "Ery-PR1" "Erylus- PR1"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-17-42-01\_142A.jpg  
Note Erylus- cluster hollow tubes



## Erylus- PR2

Class Demospongiae  
Order Astrophorida  
Family Geodiidae  
Genus Erylus  
Species sp.



CPCe "Ery-PR2" "Erylus- PR2"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308191-T-13-25-53\_139.jpg  
Note Erylus- brown cluster fingers; SP: "Yes, I think so."



CPCe "Ery-PR2" "Erylus- PR2"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308191-T-13-00-57\_119A.jpg  
Note Thick walled tubes; SP: "Could also be Discodermia"

## Erylus sp.

Class Demospongiae  
Order Astrophorida  
Family Geodiidae  
Genus Erylus  
Species sp.



CPCe "Ery" "Erylus"  
ID J. Reed  
Date ID 11/18/2013  
File 201308192-T-18-04-46\_179.jpg  
Note



CPCe "Ery" "Erylus"  
ID Pomponi, Paco Cardenas  
Date ID  
File 201208195\_T-23-43-28\_Dive\_06\_137A.jpg  
Note pink



CPCe "Ery" "Erylus"  
ID  
Date ID  
File 201308192-T-18-54-58\_260.jpg  
Note Demospongiae (HT top rt)



CPCe "Ery" "Erylus"  
ID J. Reed  
Date ID 11/18/2013  
File 201308201-T-10-45-35\_044.jpg  
Note

## Geodia gibberosa complex

Class Demospongiae  
Order Astrophorida  
Family Geodiidae  
Genus Geodia  
Species gibberosa complex



CPCe "Geog" "Geodia gibberosa complex"  
ID Pomponi, Paco Cardenas  
Date ID  
File 201208172\_T-13-16-44\_Dive\_01\_059B.jpg  
Note



CPCe "Geog" "Geodia gibberosa complex"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308182-T-15-41-51\_133.jpg  
Note Geodia (Ball sponge)



## Geodia gibberosa complex

Class Demospongiae  
Order Astrophorida  
Family Geodiidae  
Genus Geodia  
Species gibberosa complex



CPCe "Geog" "Geodia gibberosa complex"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308152-T-15-13-52\_087.jpg  
Note Geodia gibberosa complex



CPCe "Geog" "Geodia gibberosa complex"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308182-T-14-05-37\_014.jpg  
Note Geodia

## Geodia neptuni complex

Class Demospongiae  
Order Astrophorida  
Family Geodiidae  
Genus Geodia  
Species neptuni complex



CPCe "Geon" "Geodia neptuni complex"  
ID Paco Cardenas  
Date ID  
File 201208172\_T-12-53-35\_Dive\_01\_031A.jpg  
Note



CPCe "Geon" "Geodia neptuni complex"  
ID Pomponi, Paco Cardenas  
Date ID  
File 201208193\_T-13-02-12\_Dive\_05\_058A.jpg  
Note



CPCe "Geon" "Geodia neptuni complex"  
ID J. Reed  
Date ID 11/12/2013  
File 201308203-T-17-11-59\_112.jpg  
Note Geodia; SP: "?"



CPCe "Geon" "Geodia neptuni complex"  
ID J. Reed  
Date ID 11/18/2013  
File 201308162-T-14-47-11\_029.jpg  
Note pink, spherical, lobate, smooth oscules; SP: "Looks more like Agelas"

## Geodia- PR1

Class Demospongiae  
Order Astrophorida  
Family Geodiidae  
Genus Geodia  
Species sp.



CPCe "Geo-PR1" "Geodia- PR1"  
ID Pomponi, Paco Cardenas  
Date ID 11/8/2013  
File 201208195\_T-23-43-28\_Dive\_06\_137B.jpg  
Note SP: "If Paco says so--looks similar to 201308192-T-17-42-01\_142\_Astrophorida.jpg"



CPCe "Geo-PR1" "Geodia- PR1"  
ID J. Reed  
Date ID 11/25/2013  
File 201308202-T-13-41-15\_014.jpg  
Note thick walled bowl

## Geodia sp.

Class Demospongiae  
Order Astrophorida  
Family Geodiidae  
Genus Geodia  
Species sp.



CPCe "Geo" "Geodia"  
ID J. Reed  
Date ID 11/18/2013  
File 201308201-T-10-45-35\_044A.jpg  
Note

## Hadromerida

Class Demospongiae  
Order Hadromerida  
Family -  
Genus -  
Species -



CPCe "HAD" "Hadromerida"  
ID J. Reed  
Date ID 11/12/2013  
File 201308201-T-11-03-25\_071.jpg  
Note Hadromerida (orange te); SP: "?"

## Haliclona sp.

Class Demospongiae  
Order Haplosclerida  
Family Chalinidae  
Genus Haliclona  
Species sp.



CPCe "Halic" "Haliclona"  
ID J. Reed  
Date ID 11/12/2013  
File 201308192-T-19-26-04\_314.jpg  
Note Haliclona? (Pink CL HT); SP: "Maybe?"

## Haplosclerida

Class Demospongiae  
Order Haplosclerida  
Family -  
Genus -  
Species -



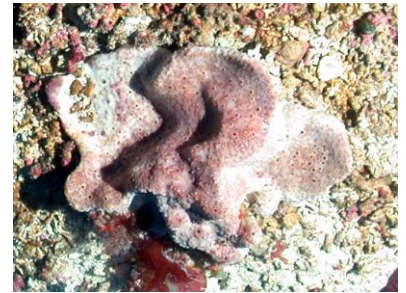
CPCe "HAP" "Haplosclerida"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308191-T-12-35-42\_075.jpg  
Note SP: "Haplosclerida?"

## **Ircinia campana**

Class Demospongiae  
Order Dictyoceratida  
Family Irciniidae  
Genus Ircinia  
Species campana



CPCe "Irc" "Ircinia campana"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308162-T-14-42-55\_008.jpg  
Note Ircinia campana; SP: "Yes"



CPCe "Irc" "Ircinia campana"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308201-T-10-24-35\_011.jpg  
Note SP: "Ircinia campana"



CPCe "Irc" "Ircinia campana"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308171-T-11-28-26\_058.jpg  
Note SP: "Ircinia campana"

## **Ircinia felix**

Class Demospongiae  
Order Dictyoceratida  
Family Irciniidae  
Genus Ircinia  
Species felix



CPCe "Ircf" "Ircinia felix"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308152-T-15-40-08\_120.jpg  
Note SP: "Ircinia felix"

## **Monanchora arbuscula**

Class Demospongiae  
Order Poecilosclerida  
Family Crambeidae  
Genus Monanchora  
Species arbuscula



CPCe "Mona" "Monanchora arbuscula"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308161-T-11-24-11\_030.jpg  
Note Red-orange, thin encrusting with veins; SP: "Monanchora arbuscula"



CPCe "Mona" "Monanchora arbuscula"  
ID J Reed  
Date ID 11/18/2013  
File 201308182-T-18-29-39\_354.jpg  
Note



Geographic Location PR

### **Monanchora arbuscula**

Class Demospongiae  
Order Poecilosclerida  
Family Crambeidae  
Genus Monanchora  
Species arbuscula



CPCe "Mona" "Monanchora arbuscula"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308161-T-11-17-58\_011.jpg  
Note Red-orange, thin encrusting with veins; SP: "Monanchora arbuscula"

### **Mycale (Arenochalina) laxissima**

Class Demospongiae  
Order Poecilosclerida  
Family Mycalidae  
Genus Mycale  
Species laxissima



CPCe "Myc" "Mycale"  
ID J. Reed  
Date ID 11/25/2013  
File 201208223\_T-12-34-59\_Dive\_11\_020.jpg  
Note

### **Myrmekioderma sp.**

Class Demospongiae  
Order Halichondrida  
Family Heteroxyidae  
Genus Myrmekioderma  
Species sp.



CPCe "Myr" "Myrmekioderma"  
ID J. Reed  
Date ID 11/12/2013  
File 201308192-T-12-12-58\_104.jpg  
Note Myrmekioderma (ye w/ grooves); SP: "?"

### **Neofibularia sp.**

Class Demospongiae  
Order Poecilosclerida  
Family Desmacellidae  
Genus Neofibularia  
Species sp.



CPCe "Neo" "Neofibularia"  
ID J. Reed  
Date ID 11/12/2013  
File 201208193\_T-12-20-06\_Dive\_05\_008C.jpg  
Note Demo- pi ze; SP: "Neofibularia?"



CPCe "Neo" "Neofibularia"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308191-T-11-28-50\_022A.jpg  
Note Neofibularia (bottom)

## Niphates erecta

Class Demospongiae  
Order Haplosclerida  
Family Niphatidae  
Genus Niphates  
Species erecta



CPCe "Nipe" "Niphates erecta"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208205\_T-23-29-35\_Dive\_08\_145.jpg  
Note

## Niphates sp.

Class Demospongiae  
Order Haplosclerida  
Family Niphatidae  
Genus Niphates  
Species sp.



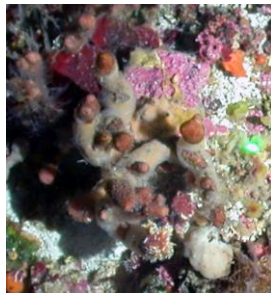
CPCe "Nip" "Niphates"  
ID J. Reed  
Date ID 11/18/2013  
File 201208195\_T-23-35-45\_Dive\_06\_126.jpg  
Note Branching demo; SP: "Niphatidae"



CPCe "Nip" "Niphates"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-17-43-51\_147.jpg  
Note SP: "Niphates?"

## Oceanapia sp.

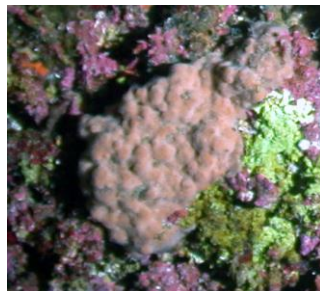
Class Demospongiae  
Order Haplosclerida  
Family Phloeodictyidae  
Genus Oceanapia  
Species sp.



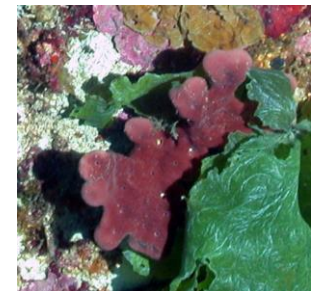
CPCe "Oce" "Oceanapia"  
ID J. Reed  
Date ID 11/12/2013  
File 201308192-T-16-21-18\_036B.jpg  
Note SP: Oceanapia- "Maybe?"

## Petrosiidae

Class Demospongiae  
Order Haplosclerida  
Family Petrosiidae  
Genus -  
Species -



CPCe PET "Petrosiidae"  
ID J Reed  
Date ID 11/12/2013  
File 201308191-T-13-03-28\_124.jpg  
Note Petrosiidae? (Demo lump); SP: "?"



CPCe PET "Petrosiidae"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308203-T-16-22-48\_021.jpg  
Note Xestospongia?- brown antler; SP: "Keep it as Petrosiidae"

### Petrosiidae

Class Demospongiae  
Order Haplosclerida  
Family Petrosiidae  
Genus -  
Species -



CPCe PET "Petrosiidae"  
ID J. Reed  
Date ID 11/12/2013  
File 201308181-T-11-24-31\_017.jpg  
Note Petrosiidae; SP: "?"



CPCe PET "Petrosiidae"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208213\_T-12-24-39\_Dive\_09\_007.jpg  
Note Haplosclerida, Petrosiidae?

### Phakellia sp.

Class Demospongiae  
Order Halichondrida  
Family Axinellidae  
Genus Phakellia  
Species sp.



CPCe "Phk" "Phakellia"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308181-T-12-09-45\_065.jpg  
Note Axinellidae- st fa (stalked fan); SP: Phakellia? or Agelas? sp.

### Placospongia sp.

Class Demospongiae  
Order Hadromerida  
Family Placospongiidae  
Genus Placospongia  
Species sp.



CPCe "Plac" "Placospongia"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308172-T-16-05-08\_131.jpg  
Note Placospongia? (orange w/ grooves)

### Plakortis sp.

Class Homoscleromorpha  
Order Homosclerophorida  
Family Plakinidae  
Genus Plakortis  
Species sp.



CPCe "Plak" "Plakortis"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308172-T-16-06-24\_135.jpg  
Note SP: "Plakortis? sp."



CPCe "Plak" "Plakortis"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208174\_T-22-54-31\_Dive\_02\_089B.jpg  
Note Demo- br th ht; X. muta?; SP: "Can't tell; could it be Svenzea? or Plakortis?"



### Plakortis sp.

Class Homoscleromorpha  
Order Homosclerophorida  
Family Plakinidae  
Genus Plakortis  
Species sp.



CPCe "Plak" "Plakortis"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308153-T-17-49-50\_056.jpg  
Note SP: "Plakortis? sp."

### Poecilosclerida- PR2

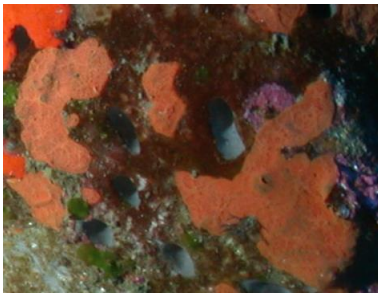
Class Demospongiae  
Order Poecilosclerida  
Family -  
Genus -  
Species -



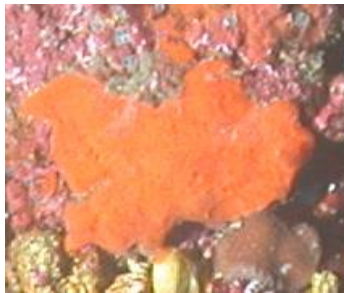
CPCe "POE-PR2" "Poecilosclerida- PR2"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308153-T-17-27-27\_030A.jpg  
Note Poecilosclerida (orange); SP: "OK"



CPCe "POE-PR2" "Poecilosclerida- PR2"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308162-T-16-16-44\_142.jpg  
Note Demo (Or TE); SP: "OK"



CPCe "POE-PR2" "Poecilosclerida- PR2"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208172\_T-12-53-35\_Dive\_01\_031B.jpg  
Note li or te with veins; SP: "OK"



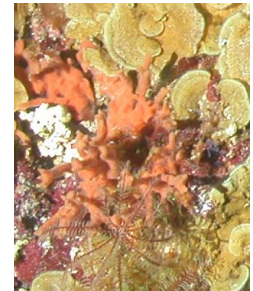
CPCe "POE-PR2" "Poecilosclerida- PR2"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208193\_T-12-20-06\_Dive\_05\_008B.jpg  
Note or te=; SP: "Poecilosclerida?"

### Poecilosclerida- PR3

Class Demospongiae  
Order Poecilosclerida  
Family -  
Genus -  
Species -



CPCe "POE-PR3" "Poecilosclerida- PR3"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308162-T-15-07-02\_061.jpg  
Note SP: "May be same as Axinellidae orange and/or orange weird."



CPCe "POE-PR3" "Poecilosclerida- PR3"  
ID J. Reed  
Date ID 11/12/2013  
File 201208223\_T-14-57-41\_Dive\_11\_166B.jpg  
Note Orange rugose; SP: "Poecilosclerida?"

## Poecilosclerida- PR3

Class Demospongiae  
Order Poecilosclerida  
Family -  
Genus -  
Species -



CPCe "POE-PR3" "Poecilosclerida- PR3"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208223-T-13-12-01\_Dive\_11\_059A.jpg  
Note or rugose; SP: "OK"



CPCe "POE-PR3" "Poecilosclerida- PR3"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308192-T-16-21-18\_036.jpg  
Note Orange, rugose; SP: "Poecilosclerida"



CPCe "POE-PR3" "Poecilosclerida- PR3"  
ID J. Reed  
Date ID 11/12/2013  
File 201308182-T-17-12-01\_245.jpg  
Note Orange rugose Poecilosclerida; SP: "?"

## Poecilosclerida- PR4

Class Demospongiae  
Order Poecilosclerida  
Family -  
Genus -  
Species -



CPCe "POE-PR4" "Poecilosclerida- PR4"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308172-T-16-06-24\_135A.jpg  
Note S.P: Poecilosclerida stalked bushy

## Poecilosclerida

Class Demospongiae  
Order Poecilosclerida  
Family -  
Genus -  
Species -



CPCe "POE" "Poecilosclerida"  
ID J. Reed  
Date ID 11/12/2013  
File 201308182-T-16-35-48\_178.jpg  
Note SP: "?"



CPCe "POE" "Poecilosclerida"  
ID J. Reed  
Date ID 11/12/2013  
File 201308162-T-15-07-02\_061A.jpg  
Note Poecilosclerida; SP; "?"



### Poecilosclerida

Class Demospongiae  
Order Poecilosclerida  
Family -  
Genus -  
Species -



CPCe "POE" "Poecilosclerida"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308203-T-17-10-01\_106.jpg  
Note Demospongiae (re amorphous fingers)



CPCe "POE" "Poecilosclerida"  
ID J. Reed  
Date ID 11/8/2013  
File 201308192-T-15-59-54\_007.jpg  
Note Poecilosclerida (Orange sp); SP: "Poecilosclerida?"



CPCe "POE" "Poecilosclerida"  
ID J. Reed  
Date ID 11/12/2013  
File 201308153-T-17-26-38\_028.jpg  
Note Poecilosclerida; (Orange); SP: "?"



CPCe "POE" "Poecilosclerida"  
ID J. Reed  
Date ID 11/12/2013  
File 201308192-T-16-21-55\_037A.jpg  
Note Poecilosclerida (sponges); SP: "?"

### Polymastia sp.

Class Demospongiae  
Order Hadromerida  
Family Polymastiidae  
Genus Polymastia  
Species sp.



CPCe "Pol" "Polymastia"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308202-T-14-10-34\_075.jpg  
Note Polymastia close up



CPCe "Pol" "Polymastia"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208172\_T-15-01-07\_Dive\_01\_135C.jpg  
Note

### Scopalina ruetzleri (=Ulosa ruetzleri)

Class Demospongiae  
Order Poecilosclerida  
Family Esperioptidae  
Genus Ulosa  
Species ruetzleri



CPCe "Scopr" "Scopalina ruetzleri"  
ID J. Reed  
Date ID 11/26/2013  
File 201208195\_T-23-40-02\_Dive\_06\_133.jpg  
Note Dem- orange sponge



CPCe "Scopr" "Scopalina ruetzleri"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308152-T-15-44-11\_128.jpg  
Note orange conulose; SP: "Scopalina ruetzleri"



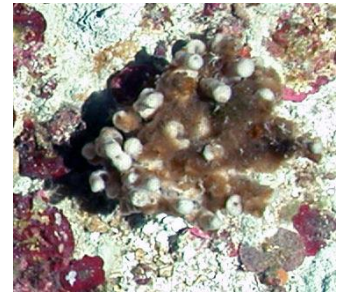
Geographic Location PR

## Siphonodictyon coralliphagum

Class Demospongiae  
Order Haplosclerida  
Family Phloeodictyidae  
Genus Siphonodictyon  
Species coralliphagum



CPCe "Siphc" "Siphonodictyon coralliphagum"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208234\_T-21-32-30\_Dive\_14\_045B.jpg  
Note Haplosclerida, Siphonodictyon (Aka) coralliphagum?



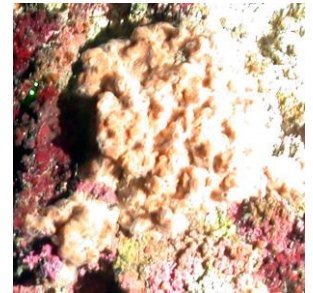
CPCe "Siphc" "Siphonodictyon coralliphagum"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308182-T-15-23-31\_125.jpg  
Note SP: "May be Siphonodictyon (Aka) coralliphagum"

## Spirastrella hartmani

Class Demospongiae  
Order Hadromerida  
Family Spirastrellidae  
Genus Spirastrella  
Species hartmani



CPCe "Spih" "Spirastrella hartmani"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308203-T-17-00-23\_100.jpg  
Note Grey, thin encrusting with veins; SP: "Spirastrella hartmani? (ref. SpongeGuide)"



CPCe "Spih" "Spirastrella hartmani"  
ID J Reed  
Date ID 11/18/2013  
File 201308191-T-13-00-57\_119.jpg  
Note

## Spirastrellidae

Class Demospongiae  
Order Hadromerida  
Family Spirastrellidae  
Genus -  
Species -



CPCe "SPI" "Spirastrellidae"  
ID S. Pomponi  
Date ID 11/12/2013  
File 201208223\_T-13-07-45\_Dive\_11\_052A.jpg  
Note red thin encrusting lumpy



CPCe "SPI" "Spirastrellidae"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208172\_T-12-53-35\_Dive\_01\_031C.jpg  
Note bright or= Spirastrelliae?



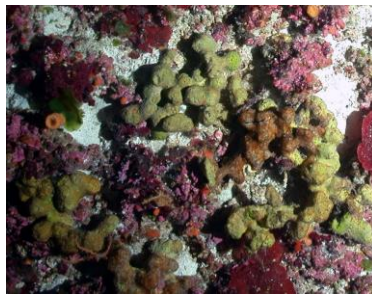
CPCe "SPI" "Spirastrellidae"  
ID J. Reed  
Date ID 11/12/2013  
File 201308191-T-13-04-00\_126.jpg  
Note Thin encrusting orange-red



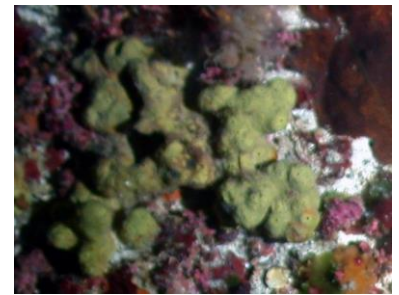
CPCe "SPI" "Spirastrellidae"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208234\_T-21-32-30\_Dive\_14\_045A.jpg  
Note or te = Hadromerida, Spirastrellidae?

## Spongosorites- PR1

Class Demospongiae  
Order Halichondrida  
Family Halichondriidae  
Genus Spongosorites  
Species sp.



CPCe "Spo-PR1" "Spongosorites- PR1"  
ID J. Reed  
Date ID 11/12/2013  
File 201308192-T-17-44-57\_150.jpg  
Note Spongosorites?- gr lo (green lobate); SP: "?  
Could also be Aplysinidae"



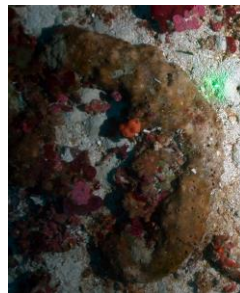
CPCe "Spo-PR1" "Spongosorites- PR1"  
ID J. Reed  
Date ID 11/12/2013  
File 201308192-T-17-44-36\_149.jpg  
Note Spongosorites? (green lo); SP: "? Could also  
be Aplysinidae"



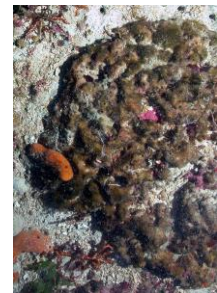
CPCe "Spo-PR1" "Spongosorites- PR1"  
ID J. Reed  
Date ID 11/12/2013  
File 201308192-T-18-11-41\_199.jpg  
Note Spongosorites - green lo; SP: "? Could also  
be Aplysinidae"

## Spongosorites siliquaria

Class Demospongiae  
Order Halichondrida  
Family Halichondriidae  
Genus Spongosorites  
Species siliquaria



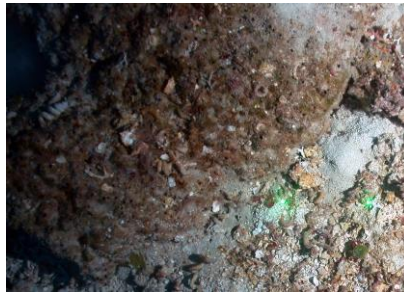
CPCe "Spos" "Spongosorites siliquaria"  
ID J. Reed  
Date ID 11/12/2013  
File 201308181-T-12-50-41\_134.jpg  
Note Spongosorites siliquaria; SP: "Maybe?"



CPCe "Spos" "Spongosorites siliquaria"  
ID J. Reed  
Date ID 11/12/2013  
File 201308181-T-11-19-35\_002.jpg  
Note Spongosorites siliquaria? (with Siliquaria  
mollusks); SP: "Maybe?"

## Spongosorites siliquaria

Class Demospongiae  
Order Halichondrida  
Family Halichondriidae  
Genus Spongosorites  
Species siliquaria



CPCe "Spos" "Spongosorites siliquaria"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308181-T-12-55-52\_158A.jpg  
Note Spongosorites siliquaria with Siliquaria gastropod



CPCe "Spos" "Spongosorites siliquaria"  
ID J. Reed  
Date ID 11/18/2013  
File 201308192-T-18-13-07\_202.jpg  
Note

## Tethya sp.

Class Demospongiae  
Order Hadromerida  
Family Tethyidae  
Genus Tethya  
Species sp.



CPCe "Tet" "Tethya"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308191-T-12-43-12\_093.jpg  
Note SP: "Tethya? sp."



CPCe "Tet" "Tethya"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308182-T-14-54-06\_083.jpg  
Note SP: "Tethya? sp."



CPCe "Tet" "Tethya"  
ID J. Reed  
Date ID 11/18/2013  
File 201308192-T-16-09-15\_031.jpg  
Note White spherical

## Theonella sp.

Class Demospongiae  
Order Lithistida  
Family Theonellidae  
Genus Theonella  
Species sp.



CPCe "Theo" "Theonella"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308171-T-12-45-48\_173.jpg  
Note Theonella? new sp. (Rasta sponge?); SP: "Yes. Theonella n. sp."



## Xestospongia muta

Class Demospongiae  
Order Haplosclerida  
Family Petrosiidae  
Genus Xestospongia  
Species muta



CPCe "Xes" "Xestospongia muta"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208234\_T-21-33-06\_Dive\_14\_047.jpg  
Note



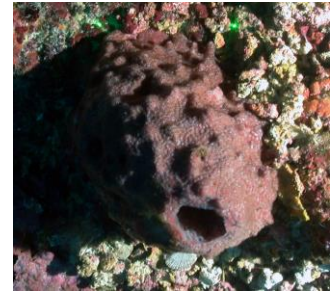
CPCe "Xes" "Xestospongia muta"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308161-T-11-24-11\_030B.jpg  
Note Pretty sponges- X muta



CPCe "Xes" "Xestospongia muta"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208203\_T-13-11-33\_Dive\_07\_052B.jpg  
Note



CPCe "Xes" "Xestospongia muta"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201208215\_T-22-22-28\_Dive\_10\_123B.jpg  
Note



CPCe "Xes" "Xestospongia muta"  
ID S. Pomponi  
Date ID 11/8/2013  
File 201308202-T-14-32-52\_118.jpg  
Note X. uta With zoanths

## Xestospongia sp.

Class Demospongiae  
Order Haplosclerida  
Family Petrosiidae  
Genus Xestospongia  
Species sp.



CPCe Xes "Xestospongia"  
ID J. Reed  
Date ID 11/12/2013  
File 201308172-T-14-24-11\_001.jpg  
Note Xestospongia?- branching (Purple branching); SP: "??"

Geographic Location PR

Phylum Chlorophyta  
Major Code "Chlorophyta"

## Anadyomene menziesii

Class Ulvophyceae  
Order Cladophorales  
Family Anadyomenaceae  
Genus Anadyomene  
Species menziesii



CPCe "Ana" "Anadyomene menziesii"  
ID J. Reed  
Date ID  
File 201208215\_T-20-59-31\_Dive\_10\_019B.jpg  
Note

## Chlorophyta

Class -  
Order -  
Family -  
Genus -  
Species -



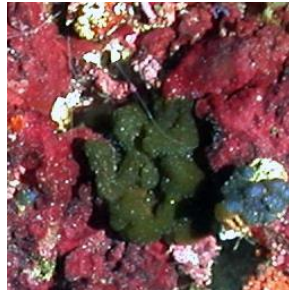
CPCe "CHL" "Chlorophyta"  
ID J. Reed  
Date ID 9/19/2013  
File 201308172-T-16-00-19\_124.jpg  
Note Chlorophyta (flat blades)



CPCe "CHL" "Chlorophyta"  
ID J. Reed  
Date ID 9/19/2013  
File 201308152-T-14-37-16\_051.jpg  
Note Chlorophyta (gn filamentous)

## Codium intertextum

Class Bryopsidophyceae  
Order Bryopsidales  
Family Codiaceae  
Genus Codium  
Species intertextum



CPCe "Codin" "Codium intertextum"  
ID J. Reed  
Date ID 9/19/2013  
File 201308152-T-16-17-41\_170.jpg  
Note Codium?; (green mat)



CPCe "Codin" "Codium intertextum"  
ID J. Reed  
Date ID  
File 201208213\_T-12-36-18\_Dive\_09\_033.jpg  
Note

Geographic Location PR

**Codium sp.**

Class Bryopsidophyceae  
Order Bryopsidales  
Family Codiaceae  
Genus Codium  
Species sp.



CPCe "Cod" "Codium"  
ID  
Date ID  
File 201308153-T-17-50-07\_057.jpg  
Note Green branching- Codium



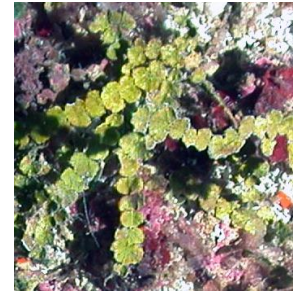
CPCe "Cod" "Codium"  
ID  
Date ID  
File 201308152-T-14-31-34\_040.jpg  
Note Codium

**Halimeda copiosa**

Class Bryopsidophyceae  
Order Bryopsidales  
Family Halimedaceae  
Genus Halimeda  
Species copiosa



CPCe "Halc" "Halimeda copiosa"  
ID Michael Studivan  
Date ID 6/25/2014  
File 201406251\_T-10-28-31\_268.jpg  
Note



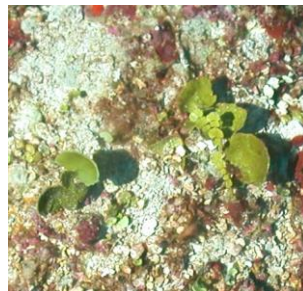
CPCe "Halc" "Halimeda copiosa"  
ID J. Reed  
Date ID 9/19/2013  
File 201308172-T-15-35-22\_101.jpg  
Note Halimeda copiosa?



CPCe "Halc" "Halimeda copiosa"  
ID Michael Studivan  
Date ID 6/25/2014  
File 201406251\_T-10-15-12\_261.jpg  
Note

**Halimeda tuna**

Class Bryopsidophyceae  
Order Bryopsidales  
Family Halimedaceae  
Genus Halimeda  
Species tuna



CPCe "Halt" "Halimeda tuna"  
ID J. Reed  
Date ID  
File 201208223\_T-13-03-36\_Dive\_11\_041A.jpg  
Note



Geographic Location PR

## Halimeda tuna platydisca

Class Bryopsidophyceae  
Order Bryopsidales  
Family Halimedaceae  
Genus Halimeda  
Species tuna platydisca



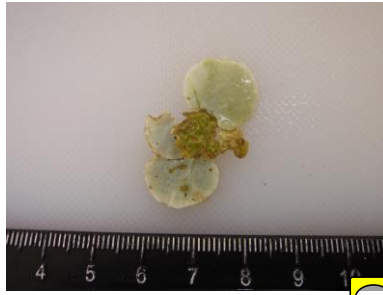
CPCe "Hal" "Halimeda tuna"  
ID Michael Studivan  
Date ID 6/25/2014  
File 201406251\_T-11-02-28\_280.jpg  
Note



CPCe "Hal" "Halimeda tuna"  
ID Michael Studivan  
Date ID 6/25/2014  
File 201406251\_T-10-33-14\_270.jpg  
Note

## Halimeda discoidea

Class Bryopsidophyceae  
Order Bryopsidales  
Family Halimedaceae  
Genus Halimeda  
Species discoidea



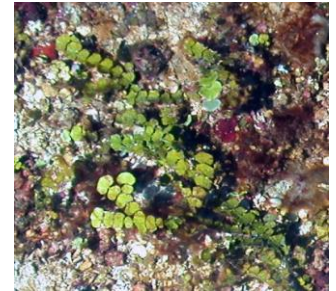
CPCe "Hal" "Halimeda"  
ID Michael Studivan  
Date ID 6/25/2014  
File 201406252\_T-18-15-14\_313.jpg  
Note

## Halimeda sp.

Class Bryopsidophyceae  
Order Bryopsidales  
Family Halimedaceae  
Genus Halimeda  
Species sp.



CPCe "Hal" "Halimeda"  
ID J. Reed  
Date ID  
File 201308203-T-17-11-38\_111.jpg  
Note



CPCe "Hal" "Halimeda"  
ID J. Reed  
Date ID  
File 201208223\_T-13-02-54\_Dive\_11\_039.jpg  
Note

## Microdictyon sp.

Class Ulvophyceae  
Order Cladophorales  
Family Anadyomenaceae  
Genus Microdictyon  
Species sp.



CPCe "Micr" "Microdictyon"  
ID  
Date ID  
File 201308203-T-17-35-21\_153.jpg  
Note Microdictyon (green mesh)

## Ulva sp.

Class Ulvophyceae

Order Ulvales

Family Ulvaceae

Genus Ulva

Species sp.



CPCe "Ulva" "Ulva"  
ID J. Reed  
Date ID 9/19/2013  
File 201308153-T-17-46-30\_047.jpg  
Note Ulva?

## Ventricaria ventricosa

Class Chlorophyceae

Order Siphonocladales

Family Valoniaceae

Genus Ventricaria

Species ventricosa



CPCe "Venv" "Ventricaria ventricosa"  
ID J. Reed  
Date ID  
File 201308172-T-16-31-03\_152.jpg  
Note Ventricaria ventricosa (Sphere algae)

## Verdigellas peltata

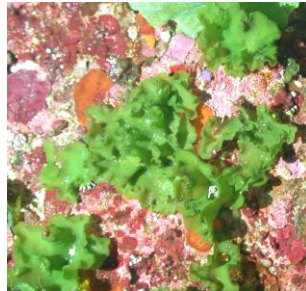
Class Chlorophyceae

Order Tetrasporales

Family Palmellopsidaceae

Genus Verdiggellas

Species peltata



CPCe "Verp" "Verdigellas peltata"  
ID  
Date ID  
File 201208193\_T-13-44-13\_Dive\_05\_117.jpg  
Note

Geographic Location PR

Phylum Rhodophyta  
Major Code "Rhodophyta"

### Amphiroa sp.

Class Florideophyceae  
Order Corallinales  
Family Corallinaceae  
Genus Amphiroa  
Species sp.



CPCe "Amph" "Amphiroa"  
ID J. Reed  
Date ID 9/19/2013  
File 201308202-T-13-43-52\_024.jpg  
Note Amphiroa (Rho branching)



CPCe "Amph" "Amphiroa"  
ID  
Date ID  
File 201308202-T-13-53-24\_036.jpg  
Note Amphiroa (Rho branching)

### Crustose coralline

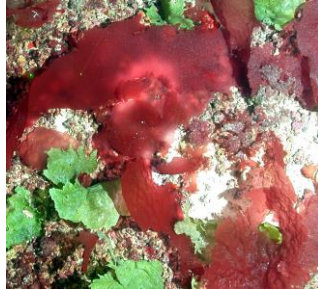
Class Florideophyceae  
Order Corallinales  
Family Corallinaceae  
Genus -  
Species -



CPCe "CCA" "Corallinales"  
ID  
Date ID  
File 201208203\_T-12-35-29\_Dive\_07\_026A.jpg  
Note pink

### Halymenia sp.

Class Florideophyceae  
Order Halymeniales  
Family Halymeniaceae  
Genus Halymenia  
Species sp.



CPCe "Haly" "Halymenia"  
ID J. Reed  
Date ID 9/19/2013  
File 201308162-T-15-18-10\_075.jpg  
Note Halymenia (red blade)



### Martensia povonia

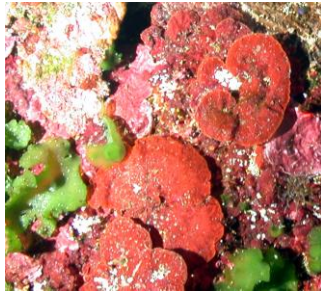
Class Florideophyceae  
Order Ceramiales  
Family Delesseriaceae  
Genus Martensia  
Species povonia



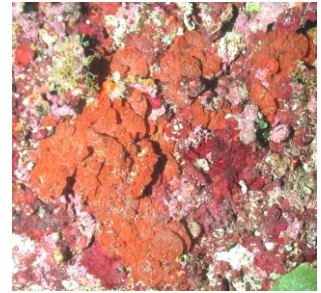
CPCe "Mar" "Martensia povonia"  
ID J. Reed  
Date ID 9/19/2013  
File 201308153-T-18-08-41\_082.jpg  
Note Martensia povonia- accepted as Martensia fragilis

### Peyssonnelia sp.

Class Florideophyceae  
Order Peyssonneliales  
Family Peyssonneliaceae  
Genus Peyssonnelia  
Species sp.



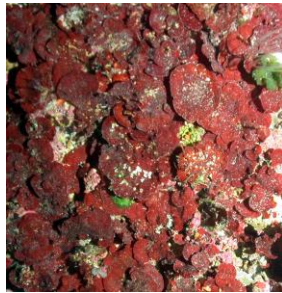
CPCe "PEY" "Peyssonnelia"  
ID J. Reed  
Date ID  
File 201208193\_T-16-03-32\_Dive\_05\_258A.jpg  
Note



CPCe "PEY" "Peyssonnelia"  
ID  
Date ID  
File 201208234\_T-23-18-56\_Dive\_14\_141.jpg  
Note or CCA



CPCe "PEY" "Peyssonnelia"  
ID  
Date ID  
File 201208226\_T-21-32-54\_Dive\_12\_025B.jpg  
Note Or CCA



CPCe "PEY" "Peyssonnelia"  
ID J. Reed  
Date ID 9/19/2013  
File 201308192-T-16-48-47\_077.jpg  
Note Peyssonnelia

### Rhodophyta

Class -  
Order -  
Family -  
Genus -  
Species -



CPCe "RHO" "Rhodophyta"  
ID  
Date ID  
File 201208223\_T-13-03-58\_Dive\_11\_042.jpg  
Note fleshy macro flat bladed



CPCe "RHO" "Rhodophyta"  
ID  
Date ID  
File 201208223\_T-13-01-56\_Dive\_11\_037.jpg  
Note fleshy macro, flat bladed

## Rhodophyta

Class -

Order -

Family -

Genus -

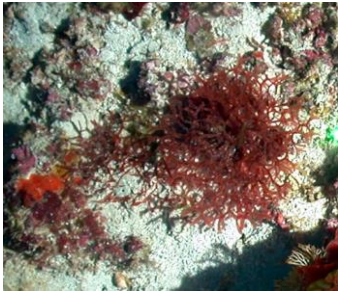
Species -



CPCe "RHO" "Rhodophyta"  
ID J. Reed  
Date ID 9/19/2013  
File 201308182-T-14-37-13\_063.jpg  
Note Rhodophyta (Red branching)



CPCe "RHO" "Rhodophyta"  
ID  
Date ID  
File 201308153-T-17-22-50\_018.jpg  
Note Rhodophyta- Red branching blade



CPCe "RHO" "Rhodophyta"  
ID J. Reed  
Date ID 9/19/2013  
File 201308152-T-14-05-08\_015.jpg  
Note Rhodophyta (red bushy)



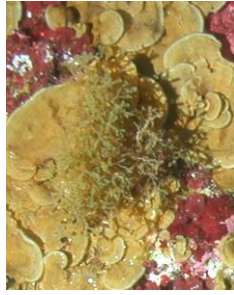
CPCe "RHO" "Rhodophyta"  
ID  
Date ID  
File 201308153-T-17-49-50\_056A.jpg  
Note red blade

Geographic Location PR

Phylum Ochrophyta  
Major Code "Phaeophyceae"

### **Dictyota sp.**

Class Phaeophyceae  
Order Dictyotales  
Family Dictyotaceae  
Genus Dictyota  
Species sp.



CPCe Dic "Dictyota"  
ID  
Date ID  
File 201208223\_T-14-57-41\_Dive\_11\_166A.jpg  
Note

### **Lobophora variegata**

Class Phaeophyceae  
Order Dictyotales  
Family Dictyotaceae  
Genus Lobophora  
Species variegata



CPCe "Lob" "Lobophora variegata"  
ID  
Date ID  
File 201208223\_T-14-57-41\_Dive\_11\_166C.jpg  
Note

### **Padina sp.**

Class Phaeophyceae  
Order Dictyotales  
Family Dictyotaceae  
Genus Padina  
Species sp.



CPCe "Pad" "Padina"  
ID J. Reed  
Date ID 9/19/2013  
File 201308153-T-18-17-22\_093.jpg  
Note Padina? (Brown blade)



CPCe "Pad" "Padina"  
ID J. Reed  
Date ID 9/19/2013  
File 201308153-T-18-05-33\_075.jpg  
Note Padina? (Brown blade)



## Ochrophyta

Class -

Order -

Family -

Genus -

Species -



CPCe "PHA" "Phaeophyceae"  
ID J. Reed  
Date ID 9/19/2013  
File 201308153-T-17-46-12\_046.jpg  
Note Phaeophyta- filamentous (several spp.)



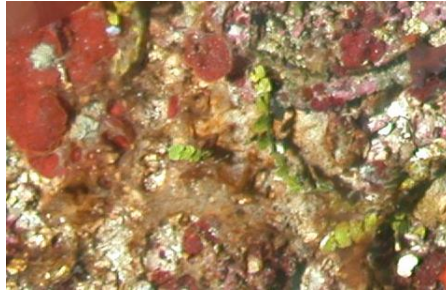
CPCe "PHA" "Phaeophyceae"  
ID J. Reed  
Date ID 9/19/2013  
File 201308153-T-18-50-27\_130.jpg  
Note Phaeophyta (Brown blade)

Geographic Location PR

Phylum Cyanobacteria  
Major Code "Cyanobacteria"

## Cyanobacteria

Class -  
Order -  
Family -  
Genus -  
Species -



CPCe "CYA" "Cyanobacteria"

ID

Date ID

File 201208223\_T-13-03-36\_Dive\_11\_041B.jpg

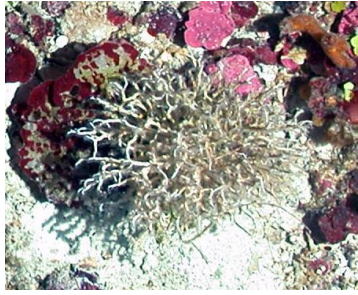
Note

Geographic Location PR

Phylum Annelida  
Major Code "Annelida"

### Filograna sp.

Class Polychaeta  
Order Sabellida  
Family Serpulidae  
Genus Filograna  
Species sp.



CPCe "Fil" "Filograna"  
ID  
Date ID  
File 201308182-T-17-25-18\_252.jpg  
Note Filograna

### Sabellida

Class Polychaeta  
Order Sabellida  
Family -  
Genus -  
Species -



CPCe "SAB" "Sabellidae"  
ID  
Date ID  
File 201308191-T-12-03-47\_052.jpg  
Note

### Sabellidae

Class Polychaeta  
Order Sabellida  
Family Sabellidae  
Genus -  
Species -



CPCe "SAB" "Sabellidae"  
ID J. Reed  
Date ID 9/19/2013  
File 201308153-T-17-17-03\_004.jpg  
Note Sabellidae



Geographic Location PR

Phylum Arthropoda  
Major Code "Arthropoda"

### **Panulirus argus**

Class Malacostraca  
Order Decapoda  
Family Palinuridae  
Genus Panulirus  
Species argus



CPCe "Pan" "Panularis argus"  
ID S. Farrington  
Date ID 9/19/2013  
File 201208195\_T-22-05-28\_Dive\_06\_028.jpg  
Note

### **Stenorhynchus seticornis**

Class Malacostraca  
Order Decapoda  
Family Inachidae  
Genus Stenorhynchus  
Species seticornis



CPCe "Stes" "Stenorhynchus seticornis"  
ID  
Date ID  
File 201308153-T-17-17-19\_005.jpg  
Note Stenorhynchus

Geographic Location PR

Phylum Mollusca  
Major Code "Mollusca"

**Siliquaria (accepted as  
Tenagodus sp.)**

Class Gastropoda  
Order Caenogastropoda  
Family Siliquariidae  
Genus Tenagodus  
Species sp.



CPCe "GAS" "Gastropoda"  
ID  
Date ID  
File 201308181-T-12-55-52\_158.jpg  
Note Spongosorites siliquaria with Siliquaria gastropod

**Spondylus sp.**

Class Bivalvia  
Order Pectinoida  
Family Spondylidae  
Genus Spondylus  
Species sp.



CPCe "Spon" "Spondylus"  
ID  
Date ID  
File 201208223\_T-15-43-31\_Dive\_11\_190.jpg  
Note

Geographic Location PR

Phylum Echinodermata  
Major Code "Echinodermata"

## Analcidometra armata

Class Crinoidea  
Order Comatulida  
Family Colobometridae  
Genus Analcidometra  
Species armata



CPCe "Anal" "Analcidometra armata"  
ID C. Messing  
Date ID  
File 201208234\_T-21-33-06\_Dive\_14\_047.jpg  
Note



CPCe "Anal" "Analcidometra armata"  
ID C. Messing  
Date ID  
File 201208215\_T-22-22-28\_Dive\_10\_123A.jpg  
Note



CPCe "Anal" "Analcidometra armata"  
ID C. Messing  
Date ID  
File 201208172\_T-13-16-44\_Dive\_01\_059A.jpg  
Note



CPCe "Anal" "Analcidometra armata"  
ID C. Messing  
Date ID  
File 201208223\_T-13-58-37\_Dive\_11\_101.jpg  
Note

## Arbacia punctulata

Class Echinoidea  
Order Arbacioida  
Family Arbaciidae  
Genus Arbacia  
Species punctulata



CPCe "Arb" "Arbacia punctulata"  
ID  
Date ID  
File 201208226\_T-23-44-37\_Dive\_12\_150.jpg  
Note



CPCe "Arb" "Arbacia punctulata"  
ID J. Reed  
Date ID 9/19/2013  
File 201308153-T-17-27-15\_029.jpg  
Note Arbacia punctulata



## Asteroidea

Class Asteroidea  
Order -  
Family -  
Genus -  
Species -



CPCe "ASTE" "Asteroidea"  
ID  
Date ID  
File 201308192-T-16-56-32\_090.jpg  
Note Asteroidea (Or Star)



CPCe "ASTE" "Asteroidea"  
ID J. Reed  
Date ID 9/19/2013  
File 201308191-T-13-04-25\_128.jpg  
Note Asteroidea (ye star)

## Davidaster discoideus

Class Crinoidea  
Order Comatulida  
Family Comasteridae  
Genus Davidaster  
Species discoideus



CPCe "Davi" "Davidaster discoideus"  
ID J. Reed  
Date ID 9/19/2013  
File 201308162-T-15-03-40\_043.jpg  
Note Davidaster



CPCe "Davi" "Davidaster discoideus"  
ID C. Messing  
Date ID  
File 201208193\_T-16-02-43\_Dive\_05\_256.jpg  
Note

## Echinus sp.

Class Echinoidea  
Order Camarodonta  
Family Echinidae  
Genus Echinus  
Species sp.



CPCe "Echin" "Echinus"  
ID J. Reed  
Date ID 9/19/2013  
File 201308153-T-19-02-45\_135.jpg  
Note Echinus (white and pink)



CPCe "Echin" "Echinus"  
ID  
Date ID  
File 201308153-T-18-47-33\_123.jpg  
Note Echinus (white);

## Eucidaris tribuloides

Class Echinoidea  
Order Cidaroida  
Family Cidaridae  
Genus Eucidaris  
Species tribuloides



CPCe "Euc" "Eucidaris tribuloides"  
ID J. Reed  
Date ID 9/19/2013  
File 201308153-T-17-38-46\_033.jpg  
Note Eucidaris tribuloides

Geographic Location PR

## Stylocidaris sp.

Class Echinoidea  
Order Cidaroida  
Family Cidaridae  
Genus Stylocidaris  
Species sp.



CPCe "Stylc" "Stylocidaris affinis"  
ID J. Reed  
Date ID 9/19/2013  
File 201308192-T-16-03-27\_017.jpg  
Note Stylocidaris

Geographic Location PR

Phylum Bryozoa  
Major Code "Bryozoa"

## Bryozoa

Class -  
Order -  
Family -  
Genus -  
Species -

## Bryozoa

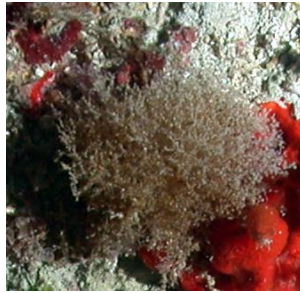
Class -  
Order -  
Family -  
Genus -  
Species -

## Schizoporella sp.

Class Gymnolaemata  
Order Cheilostomatida  
Family Schizoporellidae  
Genus Schizoporella  
Species sp.



CPCe "BRYw" "Bryozoa- wh fan"  
ID J. Reed  
Date ID 9/19/2013  
File 201308192-T-18-53-19\_256.jpg  
Note Bryozoa- wh fan



CPCe "BRY" "Bryozoa"  
ID  
Date ID  
File 201308173-T-17-17-05\_002.jpg  
Note Bryozoa (bushy tan); (orange-Spirastrellidae)



CPCe "Schi" "Schizoporella"  
ID  
Date ID  
File 201308173-T-17-24-04\_017.jpg  
Note Demospongiae? (Red branching)

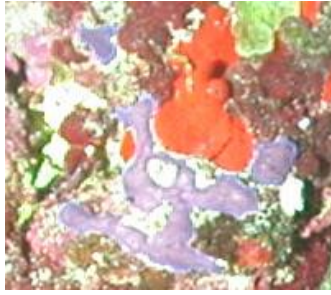


Geographic Location PR

Phylum Chordata  
Major Code "Chordata"

## Asciacea

Class Ascidiacea  
Order -  
Family -  
Genus -  
Species -



CPCe "AscP" "Asciacea- pu"  
ID  
Date ID  
File 201208205\_T-22-59-44\_Dive\_08\_115B.jpg  
Note pu te



CPCe "AscP" "Asciacea- pu"  
ID  
Date ID  
File 201308152-T-16-16-23\_166.jpg  
Note Ascidiacea- (purple)

## Asciacea

Class Ascidiacea  
Order -  
Family -  
Genus -  
Species -



CPCe "ASC" "Asciacea"  
ID J. Reed  
Date ID  
File 201208234\_T-23-17-15\_Dive\_14\_136B.jpg  
Note Yellow

## Didemnidae

Class Ascidiacea  
Order Aplousobranchia  
Family Didemnidae  
Genus -  
Species -



CPCe "DID" "Didemnidae"  
ID  
Date ID  
File 201308172-T-14-30-46\_011.jpg  
Note Didemnidae



CPCe "DID" "Didemnidae"  
ID  
Date ID  
File 201308181-T-11-25-50\_022.jpg  
Note Didemnidae

Geographic Location PR

## **Pterois volitans/miles**

Class Actinopterygii

Order Perciformes

Family Scorpaenidae

Genus Pterois

Species volitans



CPCe "FIS" "Fish"  
ID J. Reed  
Date ID 9/19/2013  
File 201308161-T-12-54-34\_163.jpg  
Note lionfish

Geographic Location PR

Phylum Cnidaria

Major Code "Bare hard bottom"

**Agaricia sp.**

Class Anthozoa

Order Scleractinia

Family Agariciidae

Genus Agaricia

Species sp.



CPCe "DCP" "Bare dead coral plate"

ID

Date ID

File 201208193\_T-13-43-44\_Dive\_05\_116.jpg

Note Bare Dead Plate Coral



CPCe "DCP" "Bare dead coral plate"

ID J. Reed

Date ID

File 201208172\_T-12-54-11\_Dive\_01\_032C.jpg

Note Recent dead



Geographic Location PR

Phylum      Habitat

Major Code "Bare hard bottom"

### **bobble/rubble**

Class -

Order -

Family -

Genus -

Species -



CPCe "ROC" "Bare rock"

ID J. Reed

Date ID 9/17/2013

File 201208174\_T-23-02-46\_Dive\_02\_104.jpg

Note Habitat image

### **Rubble**

Class -

Order -

Family -

Genus -

Species -



CPCe "RUB" "Bare rubble/cobble"

ID J. Reed

Date ID

File 201208203\_T-12-35-06\_Dive\_07\_025.jpg

Note

Geographic Location PR

Phylum Human debris  
Major Code "Human debris"

### Human debris- trap

Class -  
Order -  
Family -  
Genus -  
Species -



CPCe "TRP" "Fish/crab trap"  
ID J. Reed  
Date ID 9/19/2013  
File 201308202-T-13-50-03\_033.jpg  
Note HUM- fish trap ghost