

Comments by Carolyn Bird on seaweed collections made with or by Catherine Pross 2002-2004

Note (2015): There have been a lot name changes in the 13 odd years since these specimens were identified and some of the species listed below may be cited in the photo galleries under different names corresponding to the most recent nomenclature as indicated by WoRMS (<http://www.marinespecies.org/>). That site can be consulted for synonyms which would include names cited below in instances where the accepted names have been changed.

GAFF POINT

Seaweeds found 2002-2004

s - specimen

p - picture

Hirtles Beach west end, 17 August 2002

Chlorophyta

s,p *Codium fragile* (Suringar) Har. Ssp. *tomentosoides* (Goor) P.C.Silva

s *Cladophora sericea* (Huds.) Kutz.

Phaeophyta

Laminaria saccharina

s *Elachista fucicola* (Velley) Aresch. – epiphytic on *Fucus evanescens*

s,p *Eudesme virescens* (Carmich. Ex Berk.) J. Agardh -- with unilocular sporangia

Rhodophyta

Porphyra sp. [probably *P. umbilicalis* (L.) Kutz.] epiphytic on *Chondrus*

s *Ahnfeltia plicata* (Huds.) Fr. - attached, in sandy intertidal pools

s *Phyllophora pseudoceranoides* (S.G. Gmel.) Newroth & A. Taylor

s,p *Ceratocolax hartzii* Rosenv. – parasitic on *Phyllophora pseudoceranoides*

s *Bonnemaisonia hamifera* Har. – diploid *Trailliella*-phase, epiphytic on

Ahnfeltia and other algae

s *Polysiphonia harveyi* Bailey

s *Polysiphonia fucoides* (Huds.) Grev.

s *Polysiphonia fibrillosa* (Dillwyn) Spreng. – female plant with cystocarps

s,p *Ceramium rubrum* (Huds.) C.Agardh

p *Palmaria palmata*

s *Callophyllis cristata*

p *Clathromorphum*

p *Chondrus crispus*

s,p *Porphyra* sp.

Ledges opposite West Ironbound Island, early September 2002

Phaeophyta

Leathesia difformis

Grabble Cove, August 17, 2002

Chlorophyta

- s,p *Enteromorpha intestinalis* (L.) Nees – attached in high tidepool
- s,p *Spongomorpha aeruginosa* (L.) C. Hoek – attached, in high tidepool

Phaeophyta

- s,p *Chordaria flagelliformis* (O.F.Mull.) C.Agardh - attached in high tidepool
- s *Dictyosiphon foeniculaceus* (Huds.) Grev.
- s,p *Fucus vesiculosus*

Rhodophyta

- s *Ptilota serrata* Kutz.
- s,p *Callophyllis cristata* (L. Ex Turner) Kutz. – with cystocarps
- s,p *Cystoclonium purpureum* (Huds.) Batters
- p *Hildenbrandia prototypus*

west end Hirtles Beach Sept. 9 2002

- p *Chondrus crispus*

Grabble Cove, Sept. 9, 2002

- p *Hildenbrandia prototypus*
- p *Palmaria palmata*
- p *Rhizoclonium*

Grabble Cove, May 5, 2004

Chlorophyta

- s,p *Blidingia minima* (Naegeli ex Kuetz) Kylin - cells irregularly arranged, not in longitudinal rows as in *B. marginata*
- s *Chaetomorpha melagonium*
- s *Codium fragile* ssp. *tomentosoides*
- p *Monostroma grevillei*
- s,p *Monostroma pulchrum*
- s,p *Acrosiphonia arcta* (Dillwyn) Gain

Phaeophyta

- s,p *Agarum clathratum*
- Alaria esculenta*
- s,p *Ascophyllum nodosum* - we sampled the fertile “receptacles” of this seaweed, as sea grapes
- p *Chorda filum* or *Halosiphon tomentosa*
- s,p *Desmarestia aculeata*
- s,p *Elachista fucicola*
- s,p *Fucus evanescens*
- s,p *Fucus spiralis*
- s,p *Fucus vesiculosus*
- p *Laminaria saccharina*

- s,p *Petalonia fascia*
Pilayella littoralis
s,p *Punctaria plantaginea*
p *Ralfsia verrucosa* – crustose
s,p *Scytosiphon lomentaria*

Rhodophyta

- s,p *Ceramium rubrum*
s,p *Chondrus crispus*
p *Clathromorphum* sp.
s,p *Corallina officinalis*
s,p *Devaleraea ramentacea*
s,p *Polysiphonia lanosa*
Polysiphonia urceolata
s,p *Porphyra miniata*
s,p *Ptilota serrata*
s,p *Rhodomela confervoides*

Salt-marsh pond behind west end of Hirtles Beach, 17 August 2002

Cyanobacteria

- p *Cyanobacteria*

Chlorophyta

- s,p *Cladophora ruchingeri* (C.Agardh) Kutz. – fine filamentous masses, loose-lying and entangled with fucoids

Xanthophyta

- p *Vaucheria compacta*

Location not noted, August 17 and September 9 2002

Phaeophyta

Fucus serratus - lowest intertidal zone. Flat with serrated edges

2004-05-16

Report of Seaweed collected at Grabble Cove (the Manure Yard) on Gaff Point C. Bird & C. Pross

2004-05-05

Brown Seaweeds (Phaeophyta)

B	<i>Agarum clathratum</i>
B	<i>Alaria esculenta</i> – we had only a piece of the main blade or lamina, as a cast specimen
B	<i>Ascophyllum nodosum</i> – we sampled the fertile ‘receptacles’ of this seaweed, as sea grapes

B	<i>Chorda filum</i> I don't know where this came from. It is common in the area in summer, meaning that it is too soon for it to appear here in May, and I am wondering if it was a <i>Halosiphon (Chorda) tomentosa</i> , an early-spring species, that had lost its exterior dark hairs. It would take a pretty searching examination to tell. The plants were large and therefore had been about for some time.
B	<i>Desmarestia aculeata</i>
B	<i>Elachista fucicola</i>
B	<i>Fucus evanescens</i>
B	<i>Fucus spiralis</i>
B	<i>Fucus vesiculosus</i>
B	<i>Laminaria saccharina</i>
B	<i>Petalonia fascia</i>
B	<i>Pilayella littoralis</i>
B	<i>Punctaria plantaginea</i> (OK, I have confirmed this species)
B	<i>Ralfsia verrucosa</i> – we didn't collect this; Catherine took a picture. It is a crustose brown alga.
B	<i>Scytosiphon lomentaria</i>

Green Seaweeds (Chlorophyta)

G	<i>Blidingia minima</i> (?)
G	<i>Chaetomorpha melagonium</i>
G	<i>Codium fragile</i> ssp. <i>tomentosoides</i>
G	<i>Monostroma grevillei</i>
G	<i>Monostroma pulchrum</i>
G	<i>Spongomorpha arcta</i>

Red Seaweeds (Rhodophyta)

R	<i>Ceramium rubrum</i>
R	<i>Chondrus crispus</i>
R	<i>Devaleraea ramentacea</i>
R	<i>Polysiphonia lanosa</i>
R	<i>Polysiphonia urceolata</i>
R	<i>Porphyra miniata</i>
R	<i>Ptilota serrata</i>
R	<i>Rhodomela confervoides</i>

Other animal	Sponge -- 'dead-man's fingers'
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