

[Label]

DR HARVEY'S AUSTRALIAN ALGAE

Collection, No. 51 containing 259 species

J. Van Voorst

SUBSCRIPTION PROSPECTUS  
OF  
SPECIMENS OF AUSTRALIAN ALGAE.

DR. HARVEY of Trinity College, Dublin, being about to visit Australia, under the joint auspices of the University and of the Royal Dublin Society, for the purpose of exploring the natural history of the southern coasts of that continent, has made arrangements for extensively collecting *Marine Algae*, a portion of which (not required for the University Herbarium) will be offered for sale.

The Australian shores are well known to be rich in varied and curious forms of Algae. Among the *Olive Coloured Algae*, many of the most remarkable *Fucoids* are either peculiar to those shores, or there assume their most remarkable development. The Fucaceous genera *Sarcophycus*, *Myriodesma*, *Carpoglossum*, *Landsburgia*, *Hormosira*, *Notheia*, *Cystophora*, *Scaberia*, *Marginaria*, *Scytothalia*, *Seirococcus*, and *Carpophyllum*, are peculiar to New Holland and New Zealand. Among Laminarieae several *Eckloniae*, and among Sporochnoideae some remarkable *Sporochni* and *Carpomitrae* occur. Of the other Orders of the olive series there are also several beautiful forms, though less characteristically peculiar than those just named.

Among Rhodosperms, the remarkable forms are much too many to enumerate. Here occur the most beautiful of the *net-work Algae*, as *Claudea*, *Thuretia*, *Hanowia*, *Halophlegma*, &c. The genera *Amansia*, *Pollexfenia*, *Dictymenia*, *Epineuron*, *Lenormandia*, *Jeannerettia*, *Polyphacum*, *Polyzonia* are among the most interesting Rhodomelieae; while numerous beautiful species of *Dasya* and *Polysiphonia* complete that Order. Among Laurenciaceae, the exquisite *Delisiae* with *Asparagopsis*, *Ptilonia*, *Champia*, and numerous *Laurenciae*, are found. Of Sphaerococcoideae, many beautiful *Delesseriae* and *Nitophylla*, *Hemineura*, *Thysanocladia*, *Dicranema*, *Sarcodia*, *Melanthalia*, *Eucheuma*, *Phacelocarpus*, &c. Several fine *Wrangeliae*; *Gelidium*, *Pterocladia*; *Apophloea*, *Gurdiea*; many superb *Plocamia*; *Stenogramma*, *Rhiodophyllis*, *Areschiovgia*, *Rhabdonia*; several beautiful *Callithamnia*, *Ceramia*, *Griffithsiae*, and *Ptiloae*; *Ballia*, *Dasyphila*, *Ptilocladia*, &c., are included in the extensive catalogue.

Among *Chlorosperms*, numerous and very curious *Caulerpae*, and several genera of *Siphoneae* with the usual proportion, of Confervaceae, may be noticed.

As yet, the Australian Coasts have been very imperfectly explored:—naturalists and collectors who have hitherto visited Australia having chiefly attended to other departments, and but cursorily collected and often carelessly preserved the Marine Algae. While Dr. Harvey's duties will comprise the collection of all marine productions, his *attention* will be more particularly fixed on the Algae among which, therefore, it is hoped he will reap an abundant harvest of new and beautiful forms, particularly among the more delicate and perishable kinds. The specimens will be all collected and carefully preserved either by

himself or under his immediate oversight, with as much attention to neatness in displaying them as circumstances will admit. The filiform kinds will be displayed on white paper.

Dr. Harvey's first collections will be made in Western Australia, at various points along the coast from Swan River to King George's Sound. Three or four months will be devoted to this locality, from which it is intended to ship for England about *March*, 1854, the collections that shall have been made there. Dr. Harvey will then proceed (perhaps touching for a short time at Adelaide) to Sydney and Van Dieman's Land, from which a second shipment may be expected to be made about *December*, 1854; but no distribution of the collections will take place till Dr. Harvey's return to Europe in 1855.

It is impossible at present to state the number of *species* which may be offered for sale. The number of subscription *sets* will be limited, *at the most* to 50:—which will probably be of very unequal extent, the larger sets containing possibly 400 to 600 species, the smaller 200 to 300. Subscribers who desire full *suites* will be entered for them in the order in which their names are received, the earlier consequently being entitled to the most numerous and valuable sets. The subscription will be at the rate of £2 5s. per 100 species; delivered, free of all charges for freight, commission, &c., either in Dublin, London, or Glasgow, as desired ; and, to accommodate persons who do not wish for more than a sample of the Australian marine vegetation, small sets of 100 or 200 species, at the same rate, will be selected from the duplicates which may remain after supplying the general subscribers.

The specimens will be *numbered*, and printed lists of numbers, with the habitat and a provisional name, will be furnished with the sets; these provisional names being subject to revision and correction, when time shall allow of the preparation and publication of a full synoptic table, which will then be distributed to subscribers.

I authorize my name to be entered as a subscriber to Dr. Harvey's collections of Australian Algae, at £2 5s. per hundred species.

\_\_\_\_\_ Name.

\_\_\_\_\_ Address.

To

THOMAS HARVEY TODHUNTER, ESQ.

*Dublin.*

Persons signing this form will please to state whether they desire to receive *as full a series* of the Algae as can be supplied to them ; or a *less full* set; in order that their names may be entered accordingly.

SUBSCRIPTION PAYABLE ON DELIVERY.

CIRCULAR – DR. HARVEY’S AUSTRALIAN ALGAE

*Trin. Coll., Dublin,  
January, 1857.*

J. Van Voorst

SIR,

In the year 1853 I was favoured with your name as a subscriber to a projected collection of Australian Algae, at the rate of £2 5s. per hundred species. The sets of specimens, numbered and named, are now ready for distribution, and you will be entitled to a set containing 259- species, acct. of paper. I shall feel obliged, therefore, if you will inform me at your earliest convenience *to what address*, and *by what conveyance*, you wish your packet to be forwarded. By the terms of subscription the packets were to be delivered free of carriage either in Dublin, London, or Glasgow; but if sent to the country, it must be at the expense of the subscriber.

I take this opportunity to inform you that two other collections of Algae, each of about a hundred species, made respectively at Ceylon and at the Friendly Island Group, will be distributed about midsummer next. If you wish to subscribe at the same rate for one or both of these, please to inform me when replying to this circular.

I am,

Your obedient servant,

W.H. Harvey

P.S.—On receipt of the collection a remittance, either by post office order on the Post Office, Dublin, or by crossed cheque on a London Bank, will oblige.

LIST OF DR. HARVEY'S DUPLICATE AUSTRALIAN ALGAE

NOTE.—The specimens distributed are all *numbered* and lettered. The *numbers* refer to the names given in the subjoined list of species ; and the *letters* to the habitat of each particular specimen. -The habitats, indicated by the letters, are as follows :—A refers to the neighbourhood of Fremantle, Western Australia. B, King George's Sound. C, Cape Riche, Western Australia. D, Port Fairy, Victoria. E, Port Phillip Heads, Victoria. F, Brighton beach, Port Phillip. G, Geelong, Port Phillip. H, Western Port, Victoria. J, Georgetown, Van Diemen's Land. K, Port Arthur, Van Diemen's Land. L, Port Jackson, New South Wales. M, Newcastle, New South Wales. N, Kiama, New South Wales. O, Auckland, New Zealand.

MELANOSPERMEAE.	39. CARPOGLOSSUM angustifolium, <i>Sond.</i>	78. ZONARIA variegata ? <i>Lx.</i>
1. CYSTOPHORA polycystidea, <i>Aresch.</i>	40. CARPOGLOSSUM confluens, <i>E. Br.</i>	79. ZONARIA nigrescens, <i>Sond.</i>
2. CYSTOPHORA subfarcinata, <i>Mert.</i>	41. MYRIODESMA serrulatum, <i>Lx.</i>	80. ZONARIA interrupta, <i>Lx.</i>
3. CYSTOPHORA Brownii, <i>Turn.</i>	42. MYRIODESMA latifolium, <i>n. sp.</i>	81. ZONARIA microphylla, <i>n. sp.</i>
4. CYSTOPHORA monilifera, <i>J. Ag.</i>	43. MYEIODESMA integrifolium, <i>n. sp.</i>	82. ZONARIA Sinclairii, <i>H. &amp; H.</i>
5. CYSTOPHORA racemosa, <i>n. sp.</i>	44. SAECOPHYCUS potatorum, <i>Labill.</i>	83. ZONARIA sp.
6. CYSTOPHORA retroflexa, <i>Labill.</i>	45. SPLACHNIDIUM rugosum, <i>L.</i>	84. PADINA Frazeri, <i>Grev.</i>
7. CYSTOPHORA torulosa, <i>E. Br.</i>	46. POTHEIA anomala, <i>Bail. &amp; Harv.</i>	85. PADINA Pavonia, <i>L.</i>
8. CYSTOPHORA spartioides, <i>Turn.</i>	47. DESMARESTIA ligulata, <i>Lightf.</i>	86. HALISERIS pardalis, <i>n. sp.</i>
9. CYSTOPHORA Xiphocarpa, <i>n. sp.</i>	48. BELLOTIA eriophorum, <i>nov. g. &amp; sp.</i>	87. HALISERIS Muellerei, <i>Sond.</i>
10. CYSTOPHORA platylobium, <i>Mert.</i> ( <i>C. Lyallii</i> , <i>Harv. in Fl. N. Zeal. t.108.</i> )	49. SPOROCHNUS pedunculatus, <i>Huds.</i>	88. LIEBMANNIA australis, <i>n. sp.</i>
11. CYSTOPHORA Grevillii, <i>Ag.</i>	50. SPOROCHNUS comosus, <i>Ag.</i>	89. LIEBMANNIA australis, <i>var. simplidus- cula.</i>
12. CYSTOPHORA cephalornithos, <i>Lab.</i>	51. SPOROCHNUS Moorei, <i>n. sp.</i>	90. MYEIOCLADIA Sciurus, <i>n. sp.</i>
13. CYSTOPHORA uvifera, <i>Ag.</i>	52. SPOROCHNUS radiceformis, <i>E. Br.</i>	91. MESOGLOIA sp.
14. CYSTOPHORA botryocystis, <i>Sond.</i>	53. SPOROCHNUS sconarius, <i>n. sp.</i>	92. MESOGLOIA virescens, <i>Cam.</i>
15. CYSTOPHORA Sonderi, <i>J. Ag.</i>	54. CARPOMITRA Cabrerse, <i>Clem.</i>	93. MESOGLOIA filum, <i>n. sp.</i>
16. CYSTOPHORA paniculata, <i>Turn.</i>	55. CARPOMITRA inermis, <i>B. Br.</i>	94. CLADOSIPHON nigrescens, <i>n. sp.</i>
17. SARGASSUM decurrens, <i>R. Br.</i>	56. MACROCYSTIS pyriferia, <i>Turn.</i>	95. CLADOSIPHON Chordaria, <i>n. sp.</i>
18. SARGASSUM varians, <i>Sond.</i>	57. ECKLONIA Richardiana, <i>J. Ag.</i>	96. CLADOSIPHON sp.
19. SARGASSUM fallax, <i>Sond.</i>	58. ECKLONIA radiata, <i>Turn.</i>	97. CLADOSIPHON Dictyosiphon, <i>n. sp.</i>
20. SARGASSUM lacerifolium, <i>Turn.</i>	59. ADENOCYSTIS Lessonii, <i>H. &amp; H.</i>	98. CLADOSIPHON zostericolus, <i>n. sp.</i>
21. SARGASSUM biforme, <i>Sond.</i>	60. CHORDA Lomentaria, <i>Lyngb.</i>	99. SCYTOTHAMNUS australis, <i>H. &amp; H.</i>
22. SARGASSUM paradoxum, <i>R. Br.</i>	61. ASPEROCOCCUS Turneri, <i>Hook.</i>	100. LEATHESIA tuberiformis, <i>Sm.</i>
23. SARGASSUM carpophyllum ? <i>J. Ag.</i>	62. ASPEROCOCCUS sinuosus, <i>Roth.</i>	101. LEATHESIA sp. nov. ?
24. SARGASSUM Raoulii, <i>H. &amp; H.</i>	63. HYDROCLATHRUS cancellatus, <i>Bory.</i>	102. LEATHESIA sp. nov. ?
25. SARGASSUM sp.	64. PUNCTAEIA latifolia, <i>Grev.</i>	103. MYRIONEMA Leclancherii, <i>Lenorm.</i>
26. CARPOPHYLLUM phyllanthus, <i>Turn.</i>	65. STILOPHORA Lyngbysei, <i>J. Ag.</i>	104. CLADOSTEPHUS spongiosus, <i>Ay.</i>
27. SEIROCOCCUS axillaris, <i>R. Br.</i>	66. STILOPHORA australis, <i>Harv.</i>	105. SPHACELARIA paniculata, <i>Suhr.</i>
28. SCYTOTHALIA dorycarpa, <i>Turn.</i>	67. DICTYOTA furcellata, <i>Ag.</i>	106. SPHACELARIA cirrhosa, <i>Ag.</i>
29. SCYTOTHALIA xiphocarpa, <i>J. Ag.</i>	68. DICTYOTA ciliata, <i>J. Ag.</i>	107. SPHACELARIA Nova; Hollandia, <i>Sond.</i>
30. PHYLLOSPORA comosa, <i>Lab.</i>	69. DICTYOTA radicans, <i>n. sp.</i>	108. ECTOCARPUS siliculosus, <i>Ag.</i>
31. SCABERIA Agardhii, <i>Grev.</i>	70. DICTYOTA dichotomy <i>Huds.</i>	RHODOSPERMEAE.
32. CYSTOPHYLLUM muricatum, <i>Turn.</i>	71. DICTYOTA fastigiata, <i>Sond.</i>	109. CLAUDEA elegans, <i>Lx.</i>
33. FUCODIUM gladiatum, <i>Lab.</i>	72. DICTYOTA paniculata, <i>Ag.</i>	110. MARTENSIA elegans, <i>Her.</i>
34. FUCODIUM chondrophyllum, <i>R. Br.</i>	73. DICTYOTA Kunthii, <i>Ag.</i> ( <i>Specimens mostly immature.</i> )	111. MARTENSIA australis, <i>n. sp.</i>
35. HORMOSIRA Banksii, <i>Turn.</i>	74. DICTYOTA naevosa, <i>Suhr ?</i>	112. MARTENSIA denticulata, <i>n. sp.</i>
36. HORMOSIRA Banksii, <i>var. Sieberi.</i>	75. METACHROMA thuyoides, <i>n. g.</i>	113. THURETIA quercifolia, <i>Dne.</i>
37. HORMOSIRA Banksii, <i>var. Billardieri.</i>	76. CUTLERIA multifida, <i>Grev.</i>	114. THURETIA teres, <i>Harv.</i>
38. CARPOGLOSSUM quercifolium, <i>Turn.</i>	77. ZONARIA flava? <i>Ag.</i>	115. HANOWIA australis, <i>Sond.</i>

116. HANOWIA araclmoidea, *n. sp.*
117. HANOWIA robusta, *n. sp.*
118. AMANSIA liiearar, *Harv.*
119. AMANSIA? pinnatifida, *n. sp.*
120. DICTYMENIA spirolis, *Lx.*
121. DICTYMENIA Ilarveyana, *Sond.*  
(*D.fimbriata*, *Harv non. Turn.*)
122. DICTYMENIA Sonderi, *Harv.*  
(*D.fimbriata*, *Harv W. Austr. Alg., No. 58, non. Turn. v. Grev.*)
123. DICTYMENIA fraxinifolia, *Turn.*
124. DICTYMENIA tridens, *Turn.*
125. JEANNERETTIA lobata, *H & H.*  
(*J. frondosa*, *Harv. is included*)
126. POLLEXFENIA pedicellata, *Hun:*
127. LENOEMANDIA spectabilis, *Sond.*
128. LENORMANDIA Muelleri, *Sond.*
129. LENORMANDIA marginata, *Harv.*
130. KUETZINGIA canaliculata, *Grev.*
131. KUETZINGIA angusta, *n. sp.*
132. KUETZINGIA serrata, *n. sp.*
133. RYTIPHLAEA ? simplicifolia, *n. sp.*
134. KYTIPHLAEA Australasica, *Mont.*
135. KYTIPHLAEA elata, *Sond.*
136. KHODOMELA simpliciuscula. *n. y.*
137. TRIGENIA australis, *Sond.*
138. ALSIDIUM spinulosum, *n. sp.*
139. ACANTHOPHORA dendroides, *n. sp.*
140. ACANTHOPHORA Tasmanica, *Sond.*
141. SARCOMENIA delessiroides, *Sond*
142. SARCOMENIA hypnaeoides, *n.sp.*
143. SARCOMENIA dasyoides, *n. sp.*
144. POLYZONIA incisa, *J. Ag.*
145. POLYZONIA Sonderi, *Harv.*
146. POLYZONIA flaoicida, *n. sp.*
147. BOSTRYCFIIA rivularis, *Harv.*
148. BOSTRYCHIA *sp.*
149. LEVEILLIA jungennaiinioides, *H.*
150. POLYPHACUM proliferum, *-Ag.*
151. POLYPHACUM Smithiie, *Harv.*
152. THAMNOCLONIUM proliferum, *Sond.*
153. THAMNOCLONIUM flabelliforme, *Sond.*
154. THAMNOCLONIUM Lemanianum, *n. sp.*
155. THAMNOCLONIUM hirsutum, *Kg.*
156. CHONDRIA lanceolata, *n. sp.*
157. CHONDRIA sedifolia, *Harv.*
158. CHONDRIA dasyphylla, *Woodw.*
159. CHONDRIA corynephora, *n. sp.*
160. CHONDRIA dendroides, *n. sp.*
161. CHONDRIA umbellula, *n. sp.*
162. CHONDRIA verticillata, *n. sp.*
163. CHONDRIA opuntioides, *Harv.*  
(*Chylocladia ? opuntioides, Harv. in West, Austr. Alg. — Catenella major, Sond! — Chylocladia Tasmanica Harv. olim.*)
164. POLYSIPHONIA Hookeri, *Harv.*
165. POLYSIPHONIA *sp. nov?*
166. POLYSIPHONIA Mallardiae, *Harv.*
167. POLYSIPHONIA Hystrix, *Harv.*
168. POLYSIPHONIA mollis, *Harv.*
169. POLYSIPHONIA Roicana, *n. sp.*
170. POLYSIPHONIA Blandi, *n. sp.*
171. POLYSIPHONIA forcipata, *n. sp.*
172. POLYSIPHONIA frutex, *Harv.*
173. POLYSIPHONIA spinosissima, *n. sp.*
174. POLYSIPHONIA nigrita, *Sond.*
175. POLYSIPHONIA cancellata, *Harv.*
176. POLYSIPHONIA fuscescens, *Harv.*
177. POLYSIPHONIA neglecta, *n. sp.*
178. POLYSIPHONIA calothrix, *n. sp.*
179. POLYSIPHONIA implexa, *H & H.*
180. POLYSIPHONIA infestans, *n. sp.*
181. POLYSIPHONIA prorepens, *Harv.*
182. POLYSIPHONIA obscura, *Ag.*
183. POLYSIPHONIA vagabunda, *H. sp.*
184. POLYSIPHONIA rufolanosa, *n. sp.*
185. POLYSIPHONIA breviariculata, *Ag.*
186. POLYSIPHONIA scopulorum, *n. sp.*
187. POLYSIPHONIA Havanensis? *Mont.*
188. POLYSIPHONIA Victoriae, *n. sp.*
189. POLYSIPHONIA, *n. sp.?*
190. POLYSIPHONIA, *n. sp.?*
191. POLYSIPHONIA, *n. sp.?*
192. POLYSIPHONIA mutabilis, *n. sp.*
193. POLYSIPHONIA filipendula, *n. sp.*
194. POLYSIPHONIA pectinata, *n. sp.*
195. POLYSIPHONIA pennata, *Ag.*
196. POLYSIPHONIA rostrata, *Sond.*
197. POLYSIPHONIA *sp.*
198. POLYSIPHONIA versicolor, *Harv.*
199. POLYSIPHONIA cladostepms, *Mont.*
200. DASYA Cliftoni, *n. sp.*
201. DASYA hapalathrix, *n. sp.*
202. DASYA dongata, *Sond.*
203. DASYA naccarioides, *Harv.*
204. DASYA Lawrenciana, *Harv*
205. DASYA. Gunniana, *Harv*
206. DASYA capillaris, *Harv*
207. DASYA wrangelioides, *n. sp.*
208. DASYA plumigera, *Harv.*
209. DASYA tenera, *n. sp.*
210. DASYA pellucida, *Harv.*
211. DASYA subsecunda? *Suhr.*
212. DASYA mollis, *Harv.*
213. DASYA crassipes, *n. sp.*
214. DASYA Callitluimnion, *Sond.*
215. DASYA multiceps, *n. sp.*
216. DASYA Lallemandi, *Mont.*
217. DASYA urceolata, *n. sp.*
218. DASYA villosa, *Harv.*
219. DASYA frutescens, *n. sp.*
220. DASYA Feredayo:, *n. sp.*
221. DASYA Feredayo:, *var. B.*
222. DASYA Haffiae, *n. sp.*
223. DASYA verticillata, *Harv.*
224. DASYA bulbocliajate, *Harv.*
225. DASYA hormocladus, *J. Ag.*  
(including *D. ceramioides, Harv.*)
226. LAURENCIA elata, *Harv.*
227. LAURENCIA Grevilliana, *n. sp.*
228. LAURENCIA disticha? *Ag.*
229. LAURENCIA Forsteri, *Turn.*
230. LAURENCIA obtusa, *Huds.*
231. LAURENCIA cruciata. *n. sp.*
232. LAURENCIA affinis? *Sond.*
233. LAURENCIA arbuscula, *Sond.*
234. LAURENCIA heteroolada, *n. sp.*
235. LAURENCIA heteroclada? *var.*
236. LAURENCIA *sp.*
237. LAURENCIA regia, *n. sp.*  
(*L. Tasmanica, H. West. Austr., No.131*)
238. LAURENCIA Tasmanica, *Harv.*
239. LAURENCIA botryoides, *Turn.*
240. LAURENCIA papillosa, ? *var.*
241. ASPARAGOPSIS Sanfordiana, *n. sp.*
242. ASPARAGOPSIS armata, *n. sp.*  
(*A. Delilei, Harv. Alg. Tasm.*)
243. ASPARAGOPSIS Delilei ? *var. australis.*
244. PTILONIA ? Australasica, *n. sp.*
245. CLADHYMENIA conferta, *B. Br.*  
(*Dictymenia conferta, Ner. Austr.*)
246. DELISIA pulchra, *Grev.*
247. DELISIA elegans, *Lx.*
248. DELISIA hypneoides, *n. sp.*
249. LOMENTARIA zostericola, *n. sp.*
250. CHAMPPIA compressa, *Harv.*
251. CHAMPPIA Tasmanica, *Harv.*
252. CHAMPPIA obsoleta, *H & H.*
253. CHAMPPIA affinis, *Harv.*

254. CHAMPIA parvula, Ag.  
(*Chylocladia parvula*, Grev.)
255. WRANGELIA penicillata, Ag.
256. WRANGELIA plumosa, Harv.
257. WRANGELIA princeps, n. sp.
258. WRANGELIA nitella, n. sp.
259. WRANGELIA myriophylloides, n. sp.
260. WRANGELIA verticillata, n. sp.
261. WRANGELIA crassa, Harv.
262. WRANGELIA Halurus, n. sp.
263. WRANGELIA protensa, n. sp.
264. WRANGELIA setigera, Harv.  
(*Spyridia, Tasmanica*, Kutz.)
265. WRANGELIA velutina, H.  
(*Dasya velutina*, Sand.)
266. WRANGELIA ? sp.
267. WRANGELIA abietina, n. sp.
268. WRANGELIA clavigera, n. sp.  
(*tilt W. nobilis* var. f)
269. WRANGELIA nobilis, Harv.
270. WRANGELIA ? tenella, n. sp.  
(*Can Cattikamii* sp. ?)
271. DELESSERIA Lyallii, H. & H.
272. DELESSERIA Tasmanica, F. Muell.
273. DELESSERIA coriifolia, n. sp.
274. DELESSERIA denticulata, n. sp.
275. DELESSERIA endiviaefolia, H. & H.  
(*an D. frondusae* var. ?)
276. DELESSERIA rigida, Harv.
277. DELESSERIA serrata, n. sp.
278. DELESSERIA dendroides, n. sp.
279. DELESSERIA revoluta, n. sp.
280. DELESSERIA crispata, n. sp.
281. DELESSERIA spathulata, Sond.
282. DELESSERIA hypoglossoides, n. sp.
283. DELESSERIA Leprieurii, Mont.
284. DELESSERIA frondosa, Harv.  
(*Hemineura frondosa*, Ner. Austr.)
285. NOV. GEN. ?— prope Nitophyllum.
286. NITOPHYLLUM crispum, Kutz.
287. NITOPHYLLUM Gunnianum, Harv.
288. NITOPHYLLUM affine, Harv.
289. NITOPHYLLUM affine, var. lobatum.
290. NITOPHYLLUM multipartitum, H.
291. NITOPHYLLUM Curdieanum, n. sp.
292. NITOPHYLLUM pristoideum, Harv.
293. NITOPHYLLUM erosum, n. sp.  
(*N. fimbriatum*, Harv. non. Grev.)
294. NITOPHYLLUM cartilagineum, Harv.
295. NITOPHYLLUM pulchellum, Harv.
296. NITOPHYLLUM minus, Sond.
297. NITOPHYLLUM ciliolatum, n. sp.
298. NITOPHYLLUM uncinatum, J. Ag.
299. NITOPHYLLUM monanthos, J. Ag.
300. CALLIBLEPHARIS conspera, n. sp.
301. RHODOPHYLLIS blepharicarpa, n. sp.  
(*Calliblepharis Preissiana*, Barv. Swan. R., No. 192, non. Sond.)
302. CALLIBLEPHARIS Preissiana, Sond.  
(*Calliblepharis pinnosa*, Harv.)
303. CURDIEA laciniata, nov. gen.
304. PHACELOCARPUS Labillardieri, Turn.
305. PHACELOCARPUS alatns, Harv.
306. PHACELOCARPUS complanatus, Harv.
307. THYSANOCLADIA coriacea, Sond.
308. THYSANOCLADIA costata, -n. sp.
309. THYSANOCLADIA oppositifolia, Ag.
310. THYSANOCLADIA laxa, Sond.
311. HERINGIA furcata, n. sp.
312. HERINGIA filiformis, n. sp.
313. DICRANEMA pusillum, n. sp.
314. DICRANEMA revolutum, Aa.
315. DICRANEMA Grevillii, Sond.
316. DICRANEMA filiforme, Sond.
317. DICRANEMA? furcellatum, H. & H.
318. MELANTHALIA abscissa, Turn.
319. MELANTHALIA intermedia, H.
320. MELANTHALIA obtusata, LaMl.
321. GRACILARIA dactyloides, Sond.
322. GRACILARIA fruticosa, n. sp.
323. GRACILARIA confervoides, Auct.
324. GRACILARIA sp.
325. GRACILARIA sp.
326. SARCOCLADIA obesa, nov. gen.
327. PEYSSONELIA rubra, Grev.
328. PEYSSONELIA australis, Sond.
329. PEYSSONELIA multifida, n. sp.
330. ACROTYLUS australis, J. Ag.  
(*Curdiea australis*, Harv. MS. in Herb. T.C.D.)
331. HENNEDYA crispa, nov. gen.
332. PTEROCLADIA lucida, R. Br.
333. GELIDIUM asperum, Ag.
334. GELIDIUM corneum, Huds.
335. GELIDIUM glandulaefolium, Harv.
336. GELIDIUM proliferum, n. sp.
337. HYPNEA musciformis, Lx.
338. HYPNEA divaricata, Sond.
339. HYPNEA seticulosa, Ag.
340. HYPNEA sp.
341. HYPNEA episcopalis, Harv.
342. HYPNEA planicaulis, n. sp.
343. HYPNEA fastigiata, n. sp.
344. HYPNEA sp.
345. SOLIERIA chordalis, Ag.
346. SOLIERIA australis, n. sp.
347. EUCHEUMA speciosum, Sond.
348. SCINAIA furcellata, Turn.
349. HELMINTHORA divaricata, Ag.
350. MICROTHOE lapidescens, Dne.
351. MICROTHOE marginata, Dne.
352. LIAGORA Cheyniana, n. sp.
353. LI AGORA distenta, Ag.
354. LIAGORA viscida, Ag.
355. PLOCAMIUM coccineum, Huds.
356. PLOCAMIUM coccineum B. flexuosum.
357. PLOCAMIUM angustum, Ag.
358. PLOCAMIUM costatum, Ag.
359. PLOCAMIUM Mertensii, Grev.
360. PLOCAMIUM procerum, A.g.
361. PLOCAMIUM procerum B. proliferum.
362. PLOCAMIUM Preissii, Sond.
363. HYMENOCLADIA Ramalina, n. sp.
364. HYMENOCLADIA divaricata, n. sp.
365. HYMENOCLADIA Usnea, R. Br.
366. RHODOPHYLLIS bifida, Good. & Woodw.
367. RHODOPHYLLIS volans, n. sp.
368. RHODOPHYLLIS sp.
369. RHODOPHYLLIS sp.
370. RHODOPHYLLIS multipartita, n. sp.
371. RHODOPHYLLIS membranacea, var. fimbriata. (R. fimbriata. H. & H. Tasm.)
372. RHODOPHYLLIS membranacea, Harv.
373. RHODOPHYLLIS, membranacea, var. elongata Harv
374. RHODOPHYLLIS Gunnii, Harv.  
(*Cladhymania Gunnii*, Ner Aust.)
375. CORDYLECLADIA ? australis, Harv.
376. STENOGRAMME interrupta, Ag.
377. STENOGRAMME interrupta, var. sterilis ?
378. RHODYMENIA elata, H. sp.
379. RHODYMENIA phyllophora, H. & H.
380. RHODYMENIA australis, Sond.
381. RHODYMENIA corallina ? Bory,
382. RHODYMENIA? obtusata, Sond.
383. RHODYMENIA polymorpha, n. sp.  
(*an .ft. sanguinea*, var.)
384. ARESCHOUGIA australis, H.  
(*Halymenia australis*, Sond!)
385. ARESCHOUGIA conferta, n. sp.  
(*an A. australis*, var.)
386. ARESCHOUGIA Laurencia, Harv.
387. RHABDONIA coccinea, Harv.



388. RHABDONIA mollis, *n. sp.*  
389. RHABDONIA nigrescens, *Harv.*  
390. ERYTHROCLONIUM MueUeri, *Sand.*  
391. ERYTHROCLONIUM Sonderi, *re. sp.*  
392. ERYTHROCLONIUM *sp. nov. ?*  
893. ERYTHROCLONIUM charoides, *n. sp.*  
394. ERYTHROCLONIUM angustatum, *Bond.*  
395. GYMNOGONGRUS furoellatus, *Ag.*  
396. GYMNOGONGRUS foliosus, *n. sp.*  
397. GIGARTINA brachiata, *n. sp.*  
398. GIGARTINA flabellata, *J. Ag.*  
399. GIGAETINA pinnata, *J. Ag.*  
400. GIGARTINA disticha, *Sond.*  
401. GIGAETINA ancistroclada, *Mont.*  
402. CRYPTONEMIA luxurians, *Ag.*  
403. CALLOPHYLLIS obtusifolia? *J. Ag.*  
404. CALLOPHYLLIS *sp. nov.*  
405. CALLOPHYLLIS Lamberti, *Turn.*  
406. CALLOPHYLLIS coronata, *n. sp.*  
407. CALLOPHYLLIS fastiagata, *n. sp.*  
408. CALLOPHYLLIS coccinea, *Harv.*  
409. CALLOPHYLLIS coccinea, *var.*  
410. CALLOPHYLLIS coccinea, *var. crinalis.*  
411. MYCHODEA carnosia, *Harv.*  
412. MYCHODEA membranacea, *Harv.*  
413. MYCHODEA terminalis, *n. sp.*  
414. MYCHODEA compressa, *n. sp.*  
415. MYCHODEA hamata, *n. sp.*  
416. MYCHODEA disticha, *n. sp.*  
417. KALLYMENIA cribrosa, *n. sp.*  
418. KALLYMENIA *sp.*  
419. HALOSACCION Hydrophora, *P. & R.*  
420. HALOSACCION firmum ? *P. & R.*  
421. CATENELLA Opuntia, *Turn.*  
422. GATTYA pinnella, *nov. gen.*  
423. GULSONIA annulata, *nov. gen.*  
424. DASYPHLAEA Tasmanica, *H. & H.*  
425. CHYLOCLADIA ? Cliftoni, *n. sp.*  
426. CHYLOCLADIA clavellata, *Grea.*  
427. CHYLOCLADIA secunda, *H. & H.*  
428. CHRYSYMENIA Uvaria, *Ag.*  
429. CHEYSYMENIA obovata, *Sond.*  
430. NEMASTOMA Feredayae, *n. sp.*  
431. NEMASTOMA densa, *n. sp.*  
432. NEMASTOMA comosa, *n. sp.*  
433. NEMASTOMA ? gelinarioides, *n. sp.*  
434. GELINAEIA ulvoidea, *Sond.*  
435. HALYMENIA Floresia, *Turn.*  
436. HALYMENIA ? digitata, *n. sp.*  
437. HOEEA Halymenioides, *nov. sp.*  
438. HOEEA polycarpa, *n. sp.*  
439. HOREA speciosa, *n. sp.*  
440. HOREA fruticulosa, *n. sp.*  
441. MASTOPHORA Lamourouxii, *Dne.*  
442. MASTOPHORA plana, *Sond.*  
443. MASTOPHORA, *sp. nov. ?*  
444. MELOBESIA Patena, *H. & H. (parasitic on Ballia callitricha.)*  
445. CHEILOSPORUM elegans, *Harv.*  
446. CHEILOSPORUM pulchellum, *n. sp.*  
447. JANIA micrarthrodia, *Lx.*  
448. JANIA *sp. ?*  
449. JANIA affinis, *Harv.*  
450. JANIA Cuvieri, *Lx.*  
451. JANIA Cuvieri, *var. crispata.*  
452. CORALLINA *sp.*  
453. AMPHTROA Wardii, *Harv.*  
454. AMPHIROA anceps, *Lx.*  
455. AMPHIROA australis, *Sond.*  
456. AMPHIROA *sp.*  
457. AMPHIROA intermedia, *n. sp.*  
458. AMPHIROA ephedra, *Lx.*  
459. AMPHIROA gracilis, *n. sp.*  
460. AMPHIROA granifera, *n. sp.*  
461. AMPHIROA stelligera, *Dne.*  
462. AMPHIROA charoides, *Lx.*  
463. SPYRIDIA filamentosa, *Ag.*  
464. SPYRIDIA opposita, *Harv.*  
465. CENTRO CERAS clavulatum, *Ag.*  
466. CERAMIUM miniatum, *Suhr.*  
467. CERAMIUM rubrum, *Auct.*  
468. CERAMIUM diaphanum, *Lightf.*  
469. CERAMIUM ramulosum, *H. & H.*  
470. CERAMIUM fastigiatum, *Harv.*  
471. CERAMIUM australe, *Sond.*  
472. CERAMIUM gracillimum, *Kütz.*  
473. CERAMIUM isogonum, *n. sp.*  
474. CERAMIUM pusillum, *n. sp.*  
475. CERAMIUM puberulum, *Sond. (C. monile, Hook. & Harv.)*  
476. PTILOTA siliculosa, *n. sp.*  
477. PTILOTA striata, *n. sp.*  
478. PTILOTA Rhodocalis, *Harv. (Rhodocalis elegans, Kütz.)*  
479. PTILOTA Jeannerettii, *H. & H.*  
480. PTILOTA coralloidea, *J. Ag.*  
481. PTILOTA articulata, *J. Ag.*  
482. THAMNOCARPUS Gunnianus, *Harv.*  
483. DASYPHILA Preissii, *Sond.*  
484. PTILOCLADIA pulchra, *Sond.*  
485. CROUANIA attenuata, *var. australis.*  
486. CROUANIA vestita, *re. sp.*  
487. CROUANIA ? Agardhiana, *Harv. (Wrangelia Agardhiana, H. Sw. R.)*  
488. CROUANIA insignis, *n. sp.*  
489. HALOPHLEGMA Preissii, *Sond.*  
490. HALOPHLEGMA Preissii, *var. flabelliformis.*  
491. GRIFFITHSIA corallina, *L.*  
492. GRIFFITHSIA *sp.*  
493. GRIFFITHSIA ovalis, *n. sp.*  
494. GRIFFITHSIA Binderiana, *Sond.*  
495. GRIFFITHSIA monilis, *n. sp.*  
496. GRIFFITHSIA Teges, *n. sp.*  
497. GRIFFITHSIA *sp.*  
498. GRIFFITHSIA setacea, *Ag.*  
499. BALLIA Mariana, *n. sp.*  
500. BALLIA Robertiana, *n. sp.*  
501. BALLIA callitricha, *Ag. (B. Bruivms, Harv.)*  
502. BALLIA scoparia, *Harv. (Callithamnion scoparium, H. & H.)*  
503. CORYNESPOA gracilis, *Harv.*  
504. CORYNESPOA pedicellata, *Sm.*  
50 j. CALLITHAMNION dasyurum, *n. sp.*  
506. CALLITHAMNION superbians, *n. sp.*  
507. CALLITHAMNION plumigerum, *n. sp.*  
508. CALLITHAMNION tingens, *n. sp.*  
509. CALLITHAMNION dispar, *n. sp.*  
510. CALLITHAMNION laricinum, *n. sp.*  
511. CALLITHAMNION Brounianum, *n. sp.*  
511. CALLITHAMNION Brounianum? (*var. majus, vel sp. nov. ?*)  
512. CALLITHAMNION latissimum, *Harv.*  
513. CALLITHAMNION Wollastonianum, *n. sp.*  
514. CALLITHAMNION angustatum, *Harv.*  
515. CALLITHAMNION formosum, *Harv.*  
516. CALLITHAMNION penicillatum, *n. sp.*  
517. CALLITHAMNION *sp.*  
518. CALLITHAMNION floridulum, *Dillw.*  
519. CALLITHAMNION sparsum ? *Harv.*  
520. CALLITHAMNION polyrhizum, *n. sp.*  
521. CALLITHAMNION *sp.*  
522. CALLITHAMNION radicans, *n. sp.*  
523. CALLITHAMNION botryocarpum, *n. sp.*  
524. CALLITHAMNION cymosum, *n. sp.*

525. CALLITHAMNION minimum, *n. sp.*
526. CALLITHAMNION Muelleri, *Sond.*
527. CALLITHAMNION multifidum, *n. sp.*
528. CALLITHAMNION aculeatum, *n. sp.*
529. CALLITHAMNION delicatulum, *n. sp.*
530. CALLITHAMNION gracilentum, *n. sp.*
531. CALLITHAMNION scopula, *n. sp.*
532. CALLITHAMNION crispulum, *n. sp.*
533. CALLITHAMNION thyrigerum, *Thw.*
534. CALLITHAMNION elongatum, *n. sp.*
535. CALLITHAMNION Griffithsiie, *n. sp.*
536. CALLITHAMNION licmophorum, *n. sp.*
537. CALLITHAMNION flabelligerum, *n. sp.*
538. CALLITHAMNION comosum, *Harv.*
539. CALLITHAMNION pulchellum, *Harv.*  
(*an C. australe, Ag. 1*)
540. CALLITHAMNION spinescens, *Kutz.*
541. CALLITHAMNION veitiale, *n. sp.*
542. CALLITHAMNION horizontale, *n. sp.*
543. CALLITHAMNION simile, *H. & H.*
544. CALLITHAMNION Plumula, *Ellis.*
545. CALLITHAMNION cruciatum ? *Ag.*
546. CALLITHAMNION mucronatum, *J. Ag.*  
(*Spyridia pellucida, Harv. Tasm.*)
547. CALLITHAMNION flaccidum, *H. & H.*
- CHLOROSPERMEAE.
548. CAULERPA parvifolia, *n. sp.*
549. CAULERPA scalpelliformis, *R. Br.*
550. CAULERPA hypnoides, *R. Br.*
551. CAULERPA Muelleri, *Sond.*
552. CAULERPA obscura, *Sond.*
553. CAULERPA distichophylla, *Sond.*  
(*C. tenella, Harv. Swan R.*)
554. CAULERPA Harveyi, *F. Muell.*  
(*C. ficifolia, Harv. in Herb.*)
555. CAULERPA furcifolia, *H. & H.*
556. CAULERPA corynephora, *Mont.*  
(*an C. cactoides, R. Br. \*?*)
557. CAULERPA cylindracea, *Sond?*  
(*C. laetevirens, Harv. ! Swan R.*)
558. CAULERPA cylindracea, *var. B.*  
(*C. cylindracea, Harv., Swan R.*)
559. CAULERPA sedoides, *Lx.*  
(*C. geminata, Harv., Swan R.*)
560. CAULERPA vesiculifera, *n. sp.*
561. CAULERPA simpliciuscula, *R. Br.*
562. HALIMEDA macroloba, *Dne.*
563. DYCTYOSPHAERIA sericea, *n. sp.*
564. PENICILLUS arbuscula, *Mont.*
565. POLYPHYSA peniculus, *R Br.*
566. APJOHNSIA laetevirens, *Nov. Gen.*
567. STRUVEA plumosa, *Sond.*
568. MICRODICTYON *sp. nov. ?*
569. BRYOPSIS *sp.*
570. BRYOPSIS *sp.*
571. BRYOPSIS *sp.*
572. BRYOPSIS *sp.*
573. CODIUM tomentosum, *Stack.*
574. CODIUM laminarioides, *n. sp.*
575. CODIUM Bursa ? *var. australis.*
576. CODIUM adhaerens, *Ag.*
577. CODIUM spongiosum, *n. sp.*
578. CODIUM mamillosum, *n. sp.*
579. CLADOPHORA Bainesii, *H & Muell.*
580. CLADOPHORA *sp.*
581. CLADOPHORA *sp.*
582. CLADOPHORA anastomosaus, *n. sp.*
583. CLADOPHORA (prope *C. pellucidam.*)
584. CLADOPHORA Feredayi, *n. sp.*
585. CLADOPHORA *sp.*
586. CLADOPHORA *sp.*
587. CLADOPHORA valonioides, *Sond.*
588. CLADOPHORA *sp.*
589. CONFERVA Darwinii, *Kiitz.*
590. CONFERVA valida, *H. & H.*
591. RIVULARIA plicata, *Carm.*
592. RIVULARIA australis, *n. sp.*
593. RIVULARIA nitida, *Ag.*
594. LYNGBYA *sp.*
595. CALOTHRUX caespitula? *Harv.*
596. CALOTHRUX limbata, *n. sp.*
597. CALOTHRUX *sp.*
598. CALOTHRUX *sp.*
599. PORPHYRA laciniata, *Ag.*
600. ENTEROMORPHA compressa, *Ag.*
601. ULVA latissima? *var.*

## ERRATUM.

For No. 26. CARPOPHYLLUM phyllanthus, *read*, 26. CARPOPHYLLUM maschalocarpus, *Turn.*