

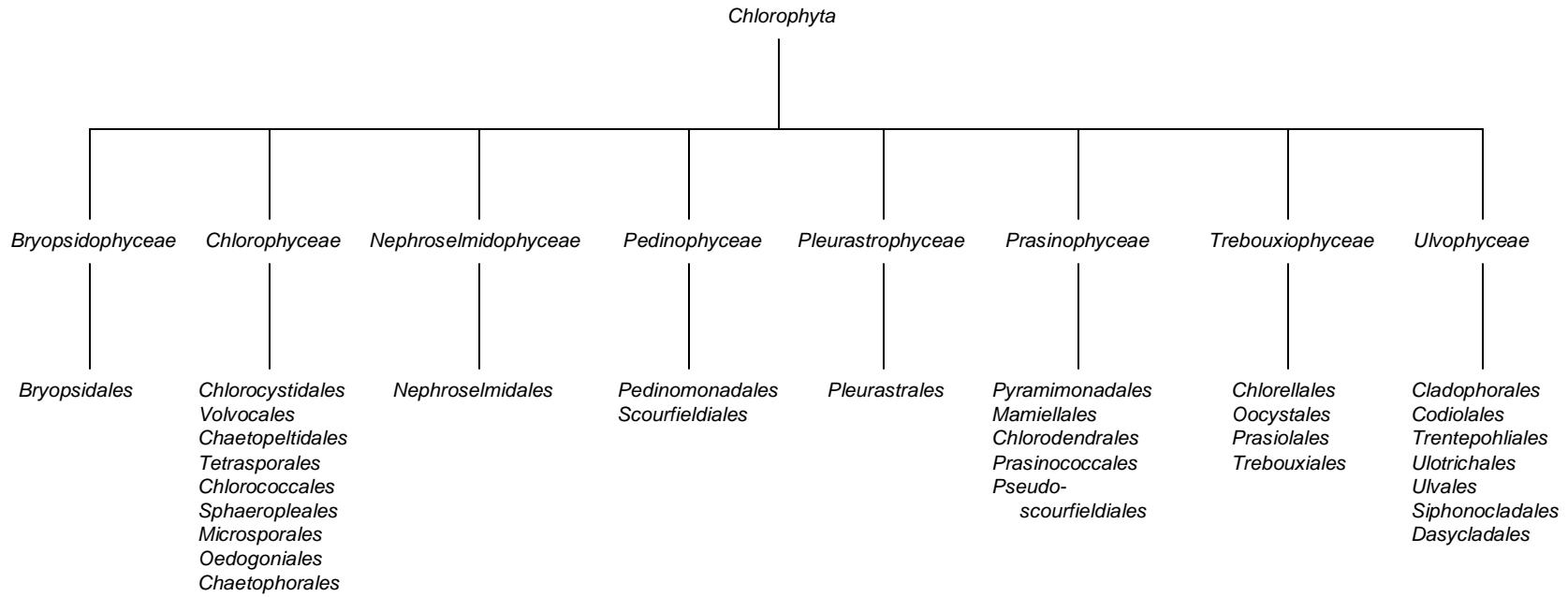
PHYLUM
Chlorophyta

Phylum Chlorophyta to Order Level

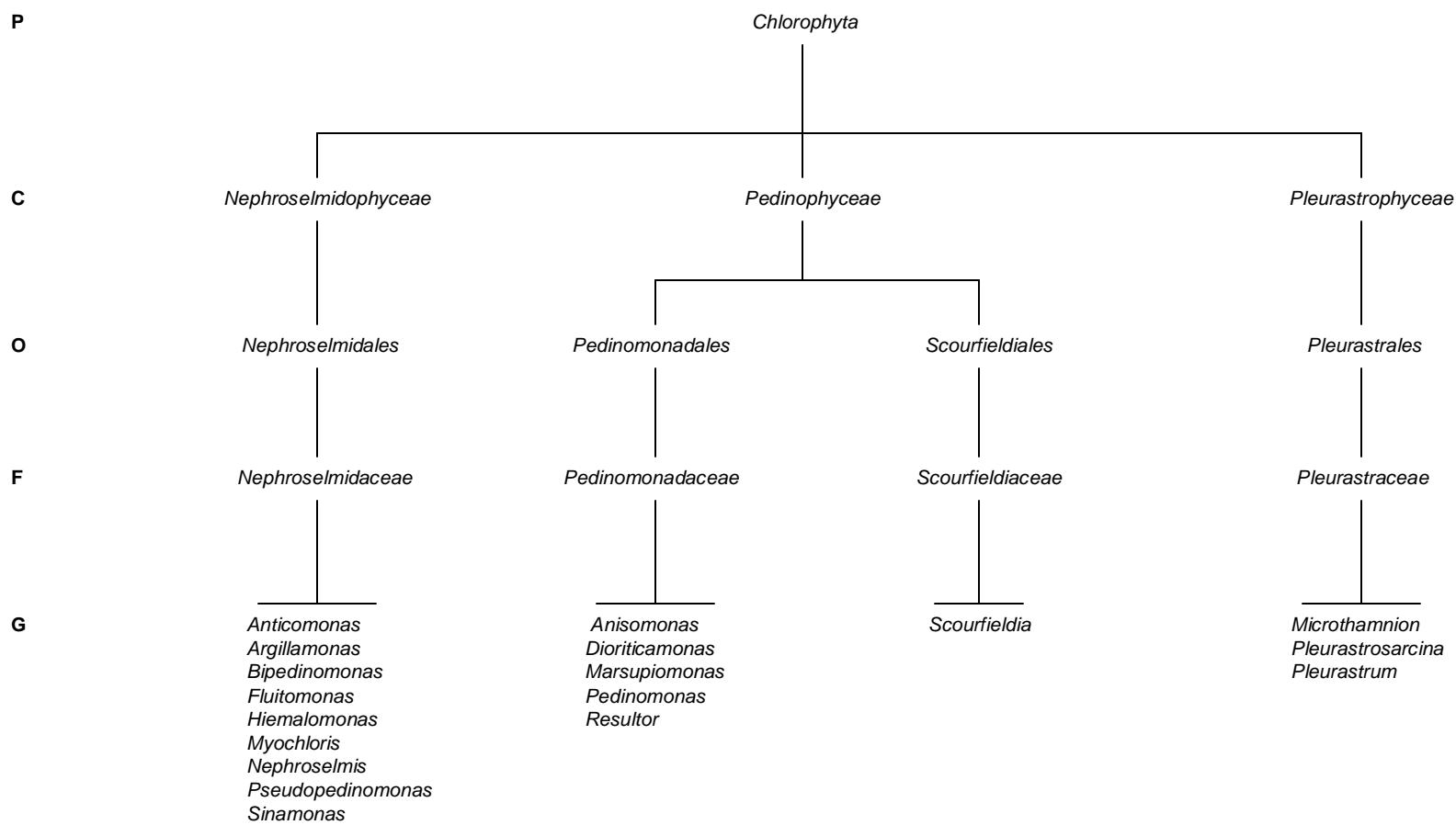
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Chlorophyta

Prasinophyceae

Pyramimonadales

Mamiellales

Chlorodendrales

Prasinoccales

Pseudoscourfieldiales

Polyblepharidaceae

Halosphaeraceae

Mesostigmataceae

Mamiellaceae

Monomastigaceae

Chlorodendraceae

Prasinococcaceae

Pycnococcaceae

Polyblepharides

Selenochloris

Stepanoptera

Sycamina

Prasinochloris

Protoaceromonas

Tasmanites

Angulomonas

Cymbomonas

Pocillomonas

Trichloridella

Pterosperma

Pachysphaera

Pyramimonas

Halosphaera

Mesostigma

Bathycoccus

Crustomastix

Dolichomastix

Mamiella

Mantoniella

Micromonas

Ostreococcus

Monomastix

Prasinocladus

Scherffelia

Tetraselmis

Prasinococcus

Prasinoderma

Pycnococcus

Pseudoscourfieldia

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*Chlorophyta**Chlorophyceae*
(1)*Chlorocystidales**Chaetopeltidales**Sphaeropleales**Microsporales**Oedogoniales*
Chaetophorales
Chlorococcales
Tetrasporales
Volvocales
 (see following pages)
*Tetracystaceae**Chlorocystidaceae**Chaetopeltidaceae**Ankistrodesmaceae* *Neochloridaceae**Microsproaceae**Oedogonaceae*
Borodinellopsis
Spongiococcum
Desmotetra
Halochlorococcum
Chaetopeltis
Dicranochaete
Floydella
Hormotilopsis
Schizochlamys
Ankistrodesmus
Chlorolobion
Closteriopsis
Diplochloris
Hyaloraphidium
Keratococcus
Kirchneriella
Monoraphidium
Pseudokirchneriella
Quadrigula
Chlorotetraedron
Planktosphaeria
Schroederia
Tetraedron
Microspora
Bulbochaete
Oedocladium
Oedogonium

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*Chlorophyta**Chlorophyceae*
(2)*Chaetophorales**Chaetophoraceae**Aphanochaetaceae*

<i>Entodictyon</i>	<i>Desmococcus</i>	<i>Gloelplax</i>	<i>Pleurangium</i>
<i>Myxonemopsis</i>	<i>Gongrosira</i>	<i>Gongrosirella</i>	<i>Pleurococcus</i>
<i>Pseudodictyon</i>	<i>Trichosarcina</i>	<i>Hazenia</i>	<i>Protoderma</i>
<i>Pseuduvella</i>	<i>Dermatohpyton]</i>	<i>Helicodictyon</i>	<i>Pseudochaete</i>
<i>Acroblaste</i>	<i>Diaphragma</i>	<i>Herposteiron</i>	<i>Pseudopleurococcus</i>
<i>Arthrochaete</i>	<i>Didymospor-</i>	<i>Internoretia</i>	<i>Pseudulvella</i>
<i>Cedercreutziella</i>	<i>angium</i>	<i>Ireksokonia</i>	<i>Rhexinema</i>
<i>Chaetomnion</i>	<i>Dilabifilum</i>	<i>Iwanoffia</i>	<i>Skvortzoviothris</i>
<i>Chaetonemopsis</i>	<i>Draparnaldia</i>	<i>Jaagiella</i>	<i>Sporocladopsis</i>
<i>Chaetophora</i>	<i>Draparnaldiopsis</i>	<i>Klebahniella</i>	<i>Stigeoclonium</i>
<i>Chamaetrichon</i>	<i>Ectochaete</i>	<i>Kymatotrichon</i>	<i>Streptochlora</i>
<i>Chlorotylium</i>	<i>Elaterodiscus</i>	<i>Leptosira</i>	<i>Stromatella</i>
<i>Choreoclonium</i>	<i>Endoclonium</i>	<i>Leptosiropsis</i>	<i>Thamniocloris</i>
<i>Cloniophora</i>	<i>Endoderma</i>	<i>Nayalia</i>	<i>Trichdiscus</i>
<i>Coccobotrys</i>	<i>Endophyton</i>	<i>Periplegmatium</i>	<i>Tumulofilum</i>
<i>Crenacantha</i>	<i>Epibolium</i>	<i>Pilinella</i>	<i>Uronema</i>
<i>Ctenocladus</i>	<i>Fritschella</i>		<i>Zoddaea</i>
			<i>Zygomitus</i>

Aphanochaete
Chaetonema
Thamniochaete

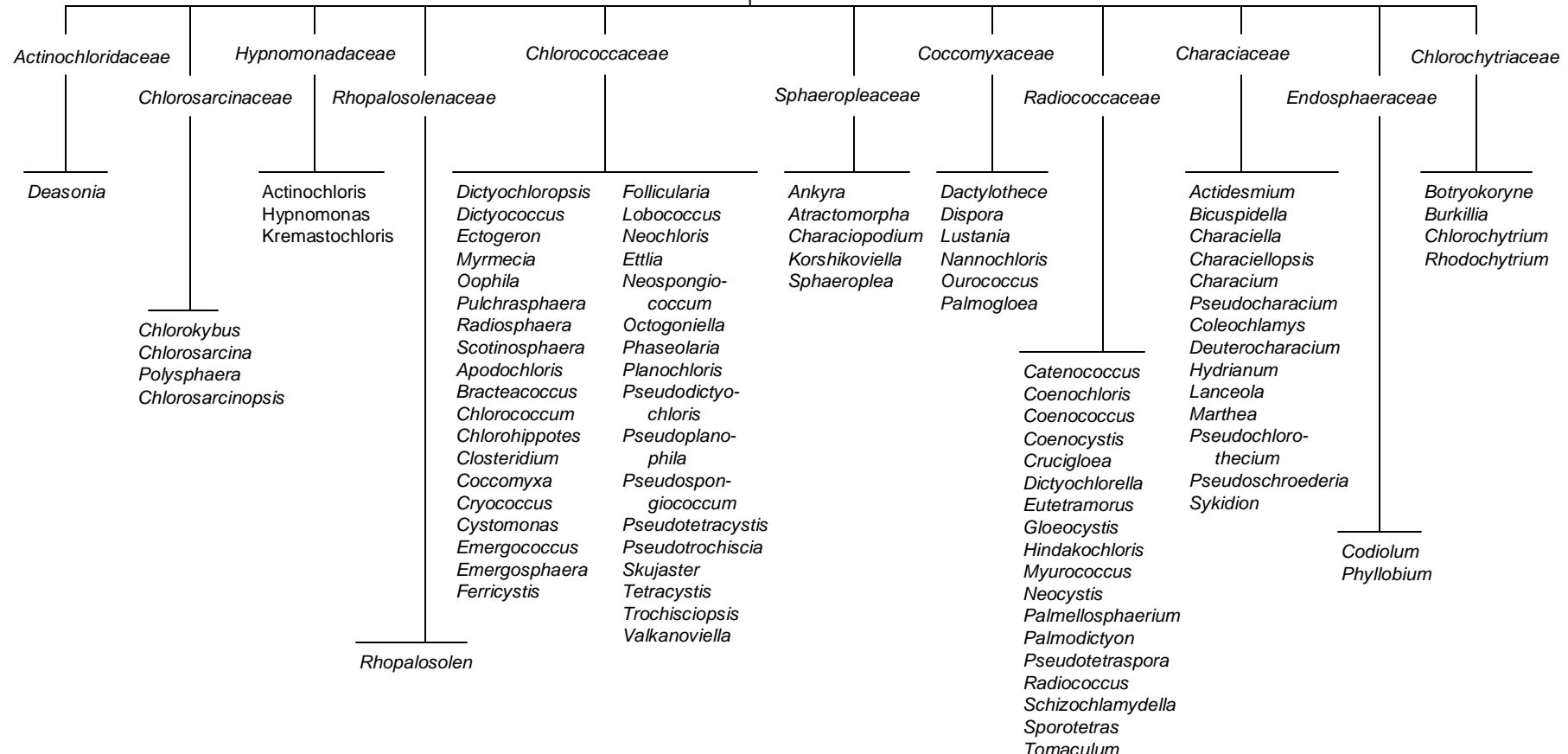
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*Chlorophyta**Chlorophyceae*
(3)*Chlorococcales*
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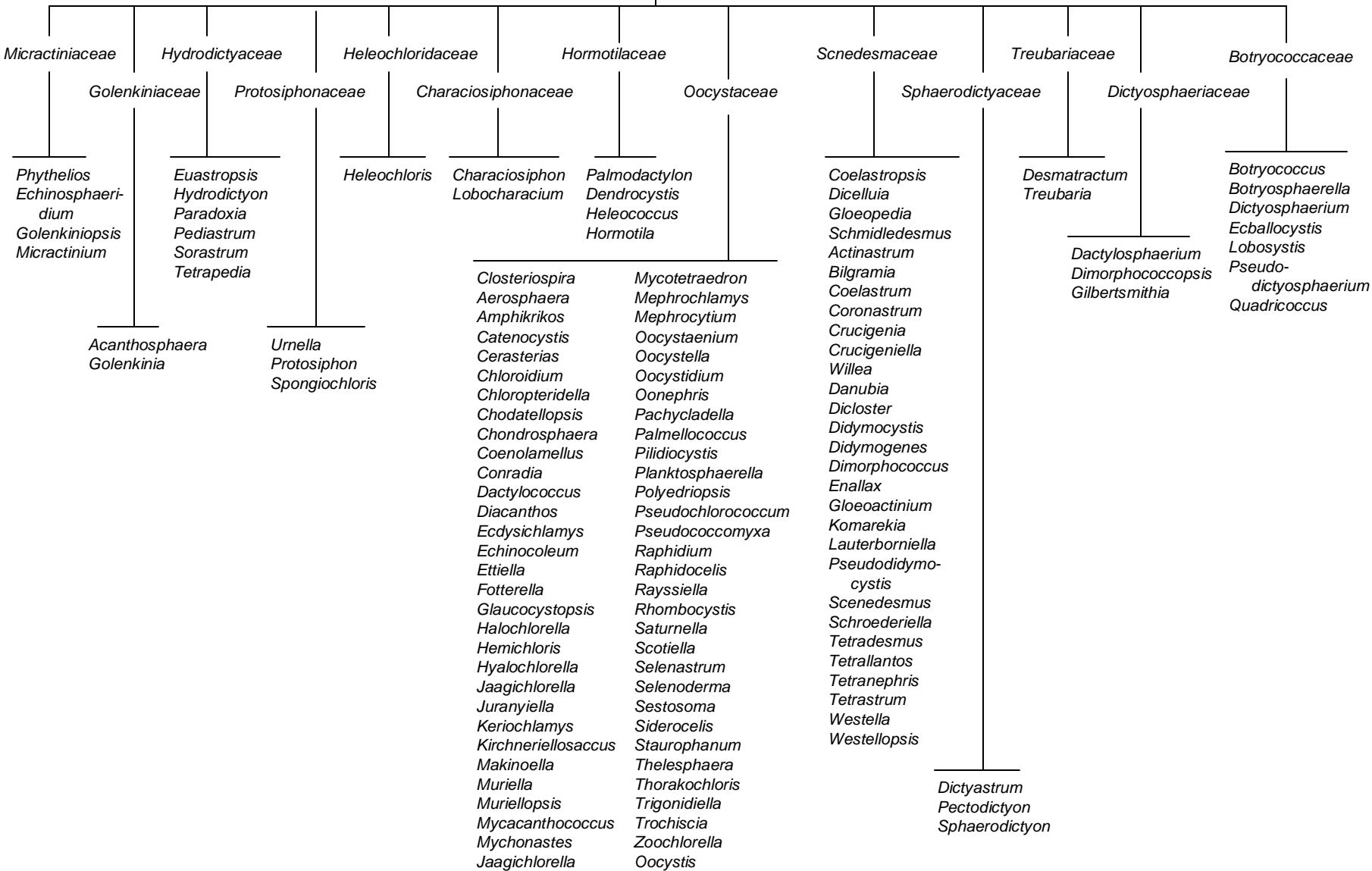
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Chlorophyta

Chlorophyceae
(3)Chlorococcales
(page 2)

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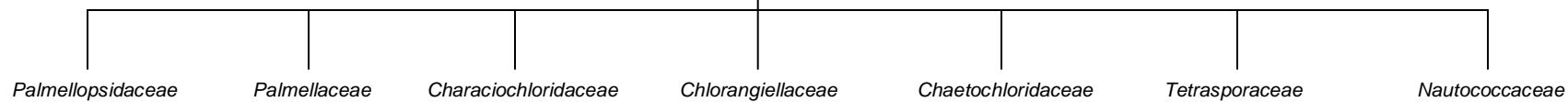
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Chlorophyta

Chlorophyceae
(4)

Tetrasporales



Palmellopsidaceae

Palmellaceae

Characiochloridaceae

Chlorangiellaceae

Chaetochloridaceae

Tetrasporaceae

Nautococcaceae

Asterococcus

Chlamydocapsa

Gloeococcus

Nautocapsa

Palmellopsis

Palmophyllum

:loetilla

Pseudosphaeri-

cysts

Tetrasporidium

Vergigellas

Askenasyella

Chalarodora

Gloeanomala

Gloiodictyon

Gyoerffyana

Oncosaccus

Palmella

Palmoclathrus

Planctococcus

Poloidion

Sphaerocystis

Characiochloris

Chlamydomodium

Malleochloris

Metapolytoma

Physocitium

Pseudochlorangium

Cecidochloris

Chlamydomona-

dopsis

Chlorangiella

Chlorangiopsis

Chlorophysema

Stylosphaeridiella

Stylosphaeridium

Chaetochloris

Chlorangiochaete

Polychaetochloris

Porochloris

Fottiella

Stapfia

Apicystis

Gloeodendron

Octosporiella

Paulschulzia

Phacomyxia

Placosphaera

Schulziella

Tetraspora

Apiococcus

Nautococcopsis

Nautococcus

Signiosphaera

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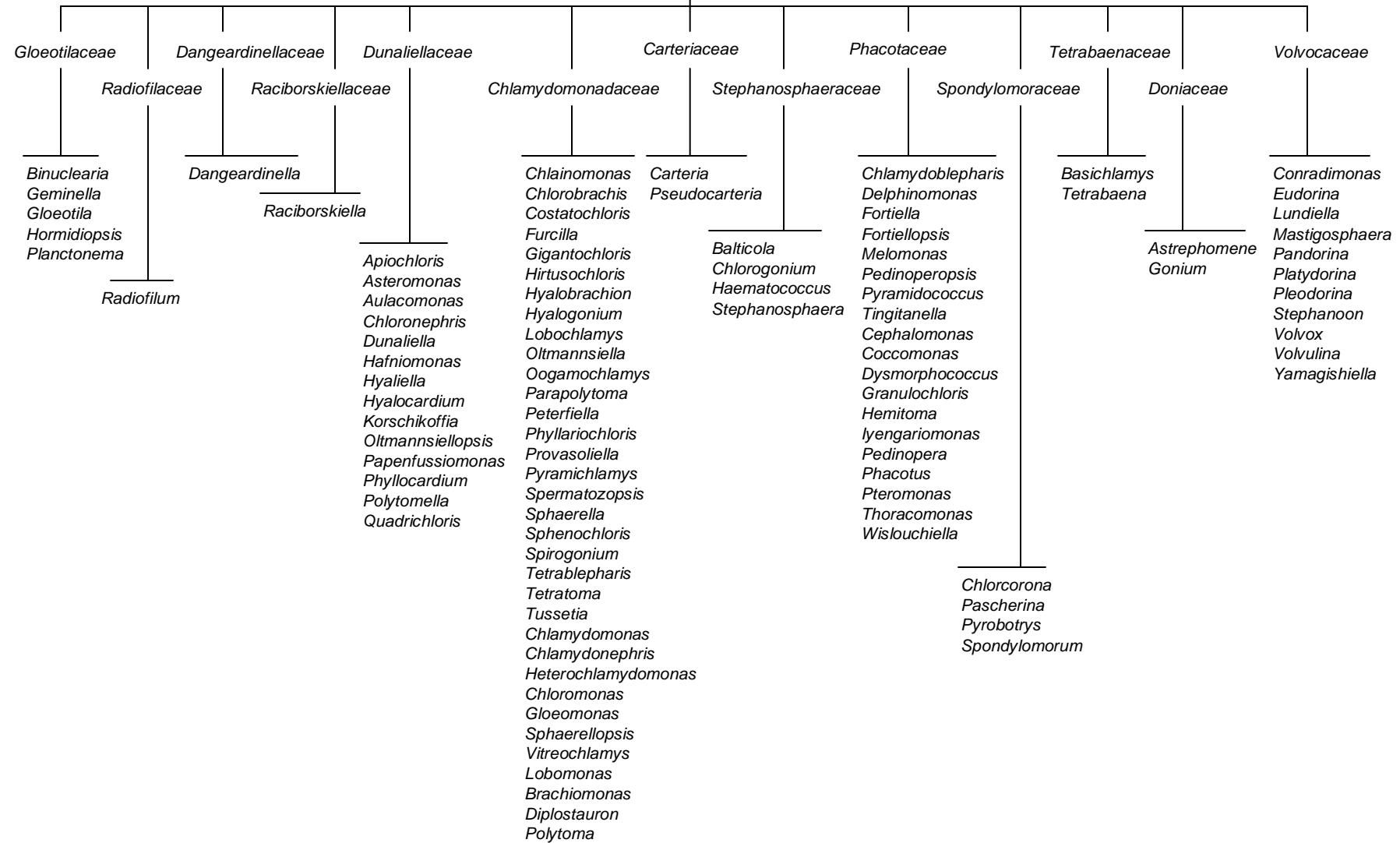
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Chlorophyta

Chlorophyceae
(5)

Volvocales



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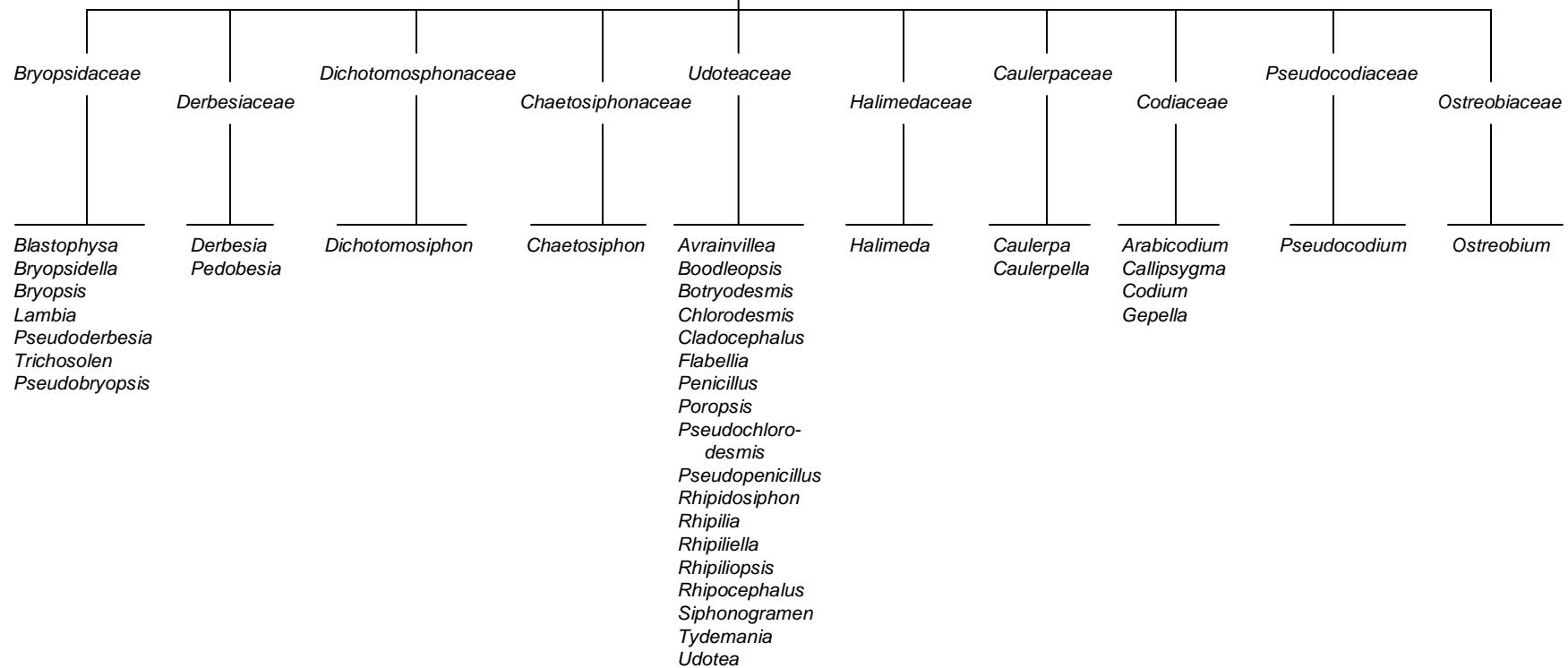
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Chlorophyta

Bryopsidophyceae

Bryopsidales



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Chlorophyta

Trebouxiophyceae

Chlorellales

Oocystales

Prasiolales

Trebouxiales

Chlorellaceae

Eremosphaeraceae

Prasiolaceae

Trebouxiaceae

Apatococcus
Apodococcus
Auxenochlorella
Catena
Chlorella
Siderocelopsis
Chorcytis
Coelastrella
Graesiella
Kentrosphaera
Kermatia
Lobosphaera
Marinochlorella
Marvania
Nanochlorm
Parachlrella
Prototheca
Pseudochlorella
Viridiella

Eremosphaera
Excentrosphaera

Diplosphaera
Hormidium
Prasiococcus
Prasiola
Prasiolopsis
Rosenvingiella
Stichococcus

Pabia
Trebouxia

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*Chlorophyta**Ulvophyceae*

(1)

Ulotrichales
Ulvales
 (see following pages)

*Cladophorales**Codiolales**Trentepohliales**Dasycladales**Siphonocladales*

Anadyomenaceae Cladophoraceae

Trentepohliaceae

Dasycladaceae

Polyphysaceae

Boodleaceae

Siphonocladaceae

Valoniaceae

Anadyomena
Macrodictyon
Microdictyon
Rhipidiphyllon
Willeella

Aarnoldiella
Lola
Aegagropila
Basicladia
Bryobesia
Chaetomorpha
Cladogonium
Cladophora
Cladophorella
Gemmiphora
Hormiscia
Pithophora
Prolifera
Rhizoclonium
Wittrockiella

Pilinia
Cephaluros
Friedaea
Lochmium
Mycoidea
Phycopeltis
Printzina
Pseudendoclon-
iopsis
Rhizothallus
Sporocladus
Stomatochroon
Trentepohlia

Batophora
Bornetella
Chlorocladus
Cymopolia
Dasycladus
Halicoryne
Neomeris
Xainzanella

Acetabularia
Chalmasia
Parvocaulis
Polyphysa

Boodea
Cladophoropsis
Phyllocladion
Struvea
Symbiononas

Apjohnia
Boergesenia
Chamaedoris
Dictyosphaeria
Nereodictyon
Siphonocladus
Struveopsis

Ventricaria
Ernadesmis
{etrpsoljpm
Valonia
Valoniopsis

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Chlorophyta

Ulvophyceae

Ulotrichales

Cylindrocapsaceae

Schizomeridaceae

Collinsiellaceae

Borodinellaceae

Ulotrichaceae

Gomontiaceae

Cylindrocapsa
Cylindrocapsopsis

Schizomeris

Collinsiella
Collinsiellopsis

Borodinella
Chloroplana
Planophila

Heterogonium
Heterothrichopsis
Hormidium
Hormotrichopsis
Microsporopsis
Acrosiphonia
Chlorhormidium
Chlorocystis
Chlorothrix
Didymothrix
Fottea
Gloeotilopsis
Hormidiella
Hormidiopora
Ignatius
Pearsoniella
Psephotaxus
Pseudoneochloris
Pseudoschizomeris
Raphidonemopsis
Spongomorpha
Ulothrix
Ulotrichopsis
Urospora

Eugomontia
Gomontia
Monostroma
Protomonostroma
Ulvaria

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*Chlorophyta**Ulvophyceae**Ulvales*

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graph TD
    Chlorophyta --- Ulvophyceae
    Ulvophyceae --- Ulvales
    Ulvales --- Bolbocoleonaceae
    Ulvales --- Jaoaceae
    Ulvales --- Phaeophilaceae
    Ulvales --- Ulvellaceae
    Ulvales --- Capsosiphonaceae
    Ulvales --- Gayraliaceae
    Ulvales --- Ulvaceae
    Ulvales --- Kornmanniaceae
    Bolbocoleonaceae --- Bolbocoleon
    Jaoaceae --- Jaoa
    Phaeophilaceae --- Phaeophila
    Ulvellaceae --- Chaetobolus
    Ulvellaceae --- Pseudodendocionum
    Ulvellaceae --- Acrochaete
    Ulvellaceae --- Entocladia
    Ulvellaceae --- Epicladia
    Ulvellaceae --- Pringsheimiella
    Ulvellaceae --- Pseudoplingsheimiella
    Ulvellaceae --- Syncoryne
    Ulvellaceae --- Trichothyra
    Ulvellaceae --- Ulvella
    Capsosiphonaceae --- Capsosiphon
    Gayraliaceae --- Gayralia
    Ulvaceae --- Chloropelta
    Ulvaceae --- Lobata
    Ulvaceae --- Ulvopsis
    Ulvaceae --- Enteromorpha
    Ulvaceae --- Gemina
    Ulvaceae --- Letterstedtia
    Ulvaceae --- Ochlochaete
    Ulvaceae --- Percursaria
    Ulvaceae --- Ruthnielsenia
    Ulvaceae --- Ulva
    Ulvaceae --- Umbraulva
    Kornmanniaceae --- Blidingia
    Kornmanniaceae --- Kornmannia
    Kornmanniaceae --- Pseudodendocionum
    Kornmanniaceae --- Tellamia
  
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Bolbocoleonaceae

Jaoaceae

Phaeophilaceae

Ulvellaceae

Capsosiphonaceae

Gayraliaceae

Ulvaceae

Kornmanniaceae

Bolbocoleon

Jaoa

Phaeophila

Chaetobolus
Pseudodendocionum
Acrochaete
Entocladia
Epicladia
Pringsheimiella
Pseudoplingsheimiella
Syncoryne
Trichothyra
Ulvella

Capsosiphon

Gayralia

Chloropelta
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Enteromorpha
Gemina
Letterstedtia
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Percursaria
Ruthnielsenia
Ulva
Umbraulva

Blidingia
Kornmannia
Pseudodendocionum
Tellamia