

NOMENCLATURAL AND TAXONOMIC CHANGES FOR CALIFORNIA SEAWEEDS

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Kathy Ann Miller
Wrigley Marine Science Center
Santa Catalina Island

NAME

In *Marine Algae of California* (1976)

CURRENT NAME

If both names are italicized, then only the author has changed. The synonym ("old" name now updated) is in non-italics.

Green Algae

Blidingia minima var. *subsalsa* (Kjellman) Scagel

=> *Blidingia subsalsa* (Kjellm.) Kornmann & Sahling ex Scagel *et al.*

Chlorochytrium porphyrae Setchell & Gardner

=> *Halochlorococcum porphyrae* (Setchell & Gardner) J.A. West, C.M. Smith & McBride

Cladophora albida (Hudson) Kützing

=> *Cladophora albida* (Nees) Kützing

Cladophora sakaii Abbott

=> *Cladophora elmorei* Dawson

Enteromorpha clathrata var. *crinita* (Nees) Hauck

=> *Enteromorpha muscoides* (Clemente y Rubio) Cremades

Enteromorpha compressa (Linnaeus) Greville

=> *Enteromorpha compressa* (Linnaeus) Nees

Enteromorpha flexuosa (Roth) J.Agardh

=> *Enteromorpha flexuosa* (Wulfen) J.Agardh

Enteromorpha intestinalis (Linnaeus) Link

=> *Enteromorpha intestinalis* (Linnaeus) Nees

Halicystis ovalis (Lyngbye) Areschoug

=> *Derbesia marina* (Lyngbye) Solier

Monostroma oxyspermum (Kützing) Doty

=> *Gayralia oxysperma* (Kützing) Vinogradov & Scagel *et al.*

Monostroma zostericola Tilden

=> *Kornmannia leptoderma* (Kjellman) Bliding

Prasinocladus ascus Proskauer

=> *Tetraselmis ascus* (Proskauer) Norris, Hori & Chihara

Prasinocladus marinus (cienk.) Waern	=> <i>Tetraselmis marinus</i> (Cienk.) Norris, Hori & Chihara
Pseudodictyon geniculatum Gardn.	=> <i>Acrochaete geniculata</i> (Gardn.) O'Kelly
Pseudulvella applanata Setchell & Gardner	=> <i>Ulvella applanata</i> (Setchell & Gardner) South & Tittley
<i>Rhizoclonium implexum</i> (Dillwyn) Kützing	=> <i>Rhizoclonium riparium</i> var. <i>implexum</i> (Dillwyn) Rosenvinge
Spongomorpha <i>coalita</i> (Ruprecht) Collins	=> <i>Acrosiphonia coalita</i> (Ruprecht) Scagel <i>et al.</i>
Spongomorpha <i>mertensii</i> (Ruprecht) Setchell & Gardner	=> <i>Acrosiphonia mertensii</i> (Ruprecht) Yendo
Spongomorpha <i>saxatilis</i> (Ruprecht) Collins	=> <i>Acrosiphonia saxatilis</i> (Ruprecht) Vinogradova
<i>Ulothrix laetevirens</i> (Hooker) Collins	=> <i>Ulothrix flacca</i> (Dillwyn) Thuret <i>in</i> Lejolis
<i>Ulva angusta</i> Setchell & Gardner	=> <i>Ulva californica</i> Wille
<i>Ulva lobata</i> (Kützing) Setchell & Gardner	=> <i>Ulva lobata</i> (Kützing) Harvey

Brown Algae

<i>Colpomenia sinuosa</i> (Roth) Derbès & Solier	=> <i>Colpomenia sinuosa</i> (Mertens ex Roth) Derbès & Solier
<i>Cylindrocarpus rugosus</i> Okamura	=> <i>Petrospongium rugosum</i> (Okamura) Setchell & Gardner
<i>Desmarestia latifrons</i> Kützing	=> <i>Desmarestia latifrons</i> (Ruprecht) Kützing
<i>Desmarestia ligulata</i> (Lightfoot) Lamouroux	=> <i>Desmarestia ligulata</i> (Stackhouse) Lamouroux
	=> <i>Desmarestia munda</i> Setchell & Gardner
	=> <i>Desmarestia herbacea</i> (Turner) Lamouroux
	=> <i>Desmarestia tabacoides</i> Okamura
<i>Ectocarpus acutus</i> Setchell & Gardner	=> <i>Ectocarpus fasciculatus</i> Harvey
<i>Feldmannia cylindrica</i> (Saunders) Hollenberg & Abbott	=> <i>Feldmannia paradoxa</i> var. <i>cylindrica</i> (Saunders) H.S. Kim & I.K. Lee
<i>Feldmannia globifera</i> (Kützing) Hamel	=> <i>Feldmannia paradoxa</i> (Montagne) Hamel
<i>Fucus distichus</i> Linnaeus	=> <i>Fucus gardneri</i> P.C. Silva
<i>Giffordia granulosa</i> (J.E. Smith) Hamel	=> <i>Hincksia granulosa</i> (J.E. Smith) P.C. Silva

<i>Giffordia hincksiae</i> var. <i>californica</i> Hollenberg & Abbott	=> <i>Hincksia hincksiae</i> (Harvey) P.C. Silva
<i>Giffordia mitchelliae</i> (Harvey) Hamel	=> <i>Hincksia mitchelliae</i> (Harvey) P.C. Silva
<i>Giffordia sandriana</i> (Zanardini) Hamel	=> <i>Hincksia sandriana</i> (Zanardini) P.C. Silva
<i>Giffordia saundersii</i> (Setchell & Gardner) Hollenberg & Abbott	=> <i>Hincksia saundersii</i> (Setchell & Gardner) P.C. Silva
<i>Hapterophycus canaliculatus</i> Setchell & Gardner	=> <i>Scytosiphon canaliculatus</i> (Setchell & Gardner) Kogame
<i>Hesperophycus harveyanus</i> (Decaisne) Setchell & Gardner	=> <i>Hesperophycus californicus</i> P.C. Silva
<i>Hydroclathrus clathratus</i> (C.Agardh) Howe	=> <i>Hydroclathrus clathratus</i> (Bory ex C.Agardh) Howe
<i>Laminaria dentigera</i> Kjellman	=> <i>Laminaria setchellii</i> P.C. Silva (in California)
<i>Laminaria sinclairii</i> (Harvey) Farlow, Anderson & Eaton	=> <i>Laminaria sinclairii</i> (J.D. Hooker & Harvey) Farlow, Anderson & Eaton
<i>Leathesia nana</i> Setchell & Gardner	=> <i>Leathesia difformis</i> (Linnaeus) Areschoug
<i>Myrionema magnusii</i> (Sauvageau) Loiseaux	=> <i>Myrionema orbiculare</i> J.Agardh
<i>Nereocystis luetkeana</i> (Mertens) Postels & Ruprecht	=> <i>Nereocystis luetkeana</i> (Mertens f.) Post & Ruprecht
<i>Pelvetia fastigiata</i> (J. Agardh) DeToni	=> <i>Silvetia compressa</i> (J. Agardh) Serrão, Cho, Boo & Brawley
<i>Pilayella</i> Bory	=> <i>Pylaiella</i> Bory
<i>Pleurophycus gardneri</i> Setchell & Saunders	=> <i>Pleurophycus gardneri</i> Setchell & Saunders ex Tilden
<i>Sargassum agardhianum</i> J.Agardh	=> <i>Sargassum agardhianum</i> Farlow ex J.Agardh
<i>Scytosiphon lomentaria</i> (Lyngbye) J. Agardh	=> <i>Scytosiphon lomentaria</i> (Lyngbye) Link
<i>Sorocarpus pacifica</i> Hollenberg	=> <i>Botrytella pacifica</i> (Hollenberg) Hansen
<i>Sphacelaria californica</i> (Sauvageau) Setchell & Gardner	=> <i>Sphacelaria californica</i> Sauvageau
<i>Sphacelaria furcigera</i> Kützing	=> <i>Sphacelaria rigidula</i> Kützing
<i>Streblonema aecidioides</i> DeToni	=> <i>Laminariocolax aecidioides</i> (Rosenvinge) Burkhardt & Peters
<i>Taonia lennebackeriae</i> J. Agardh	=> <i>Taonia lennebackerae</i> J. Agardh

Red Algae

<i>Acrochaetium amphiroae</i> (Drew) Papenfuss	=> <i>Colaçonema amphiroae</i> (Drew) Gabrielson
<i>Acrochaetium coccineum</i> (Drew) Papenfuss	=> <i>Audouinella coccinea</i> (Drew) Garbary, Hansen & Scagel
<i>Acrochaetium daviesii</i> (Dillwyn) Nägeli	=> <i>Colaçonema daviesii</i> (Dillwyn) Stegenga
<i>Acrochaetium desmarestiae</i> Kylin	=> <i>Audouinella desmarestiae</i> (Kylin) Garbary, Hansen & Scagel
<i>Acrochaetium microscopicum</i> (Kützing) Nägeli	=> <i>Acrochaetium microscopicum</i> (Nägeli ex Kützing) Nägeli
<i>Acrochaetium pacificum</i> Kylin	=> <i>Colaçonema pacifica</i> (Kylin) Woelkerling
<i>Acrochaetium rhizoideum</i> (Drew) Rao	=> <i>Colaçonema rhizoideum</i> (Drew) Gabrielson
<i>Acrochaetium subimmersum</i> (Setchell & Gardner) Papenfuss	=> <i>Audouinella subimmersa</i> Garbary & Rueness
<i>Acrochaetium thuretii</i> (Bornet) Collins & Harvey	=> <i>Colaçonema thurettii</i> (Bornet) Gabrielson
<i>Acrochaetium vagum</i> (Drew) Jao	=> <i>Acrochaetium porphyrae</i> (Drew) Smith
<i>Acrosorium uncinatum</i> (Turner) Kylin	=> <i>Acrosorium venulosum</i> (Zanardini) Kylin
<i>Ahnfeltia gigartinoides</i> J. Agardh	=> <i>Ahnfeltiopsis gigartinoides</i> (J. Agardh) P.C. Silva & DeCew
<i>Ahnfeltia plicata</i> (Hudson) Fries	=> <i>Ahnfeltia fastigiata</i> (Endlicher) Makienko
<i>Amphiroa zonata</i> Yendo	=> <i>Amphiroa beauvoisii</i> Lamouroux
<i>Anisocladella pacifica</i> Kylin	=> <i>Erythroglossum californicum</i> (J. Agardh) J. Agardh
<i>Antithamnion defectum</i> Kylin	=> <i>Antithamnion densum</i> (Suhr) Howe
<i>Antithamnioniella breviramosa</i> (Dawson) Womersley & Bailey	=> <i>Antithamnionella elegans</i> (Berthold) Price & John
<i>Antithamnionella glandulifera</i> (Kylin) Wollaston	=> <i>Antithamnionella spirographidis</i> (Schiffner) Wollaston
<i>Antithamnionella pacifica</i> (Harv.) Wollaston	=> <i>Irtugovia pacifica</i> (Harvey) Perestenko
<i>Antithamnionella pacifica</i> var. <i>uncinata</i> (Gardner) Wollaston	=> <i>Antithamnionella pacifica</i> (Harvey) Wollaston
<i>Asterocytis ramosa</i> (Thwaites) Gobi ex F. Schmitz	=> <i>Chroodactylon ornatum</i> (C. Agardh) Basson
<i>Bangia fuscopurpurea</i> (Dillwyn) Lyngbye	=> <i>Bangia vermicularis</i> Harvey

<i>Bossiella californica</i> ssp. <i>schmittii</i> (Manza) Johansen	=> <i>Bossiella schmittii</i> (Manza) Johansen
<i>Bossiella orbigniana</i> ssp. <i>dichotoma</i> (Manza) Johansen	=> <i>Bossiella dichotoma</i> (Manza) P.C. Silva
<i>Botryoglossum farlowianum</i> (J. Agardh) DeToni	=> <i>Cryptopleura ruprechtiana</i> (J. Agardh) Kylin
<i>Botryoglossum farlowianum</i> var. <i>anomalum</i> Hollenberg & Abbott	=> <i>Cryptopleura ruprechtiana</i> (J. Agardh) Kylin
<i>Botryoglossum ruprechtianum</i> (J. Agardh) DeToni	=> <i>Cryptopleura ruprechtiana</i> (J. Agardh) Kylin
<i>Branchioglossum woodii</i> (J. Agardh) Kylin	=> <i>Branchioglossum bipinnatifidum</i> (Montagne) Wynne
<i>Calliarthron cheilosporioides</i> Manza	=> <i>Calliarthron tuberculosum</i> (Postels & Ruprecht) Dawson
<i>Callithamnion rupicolum</i> Anderson	=> <i>Callithamnion rupicola</i> Anderson
<i>Callophyllis firma</i> (Kylin) R.Norris	=> <i>Callophyllis okamurae</i> P.C.Silva
<i>Ceramium eatonianum</i> (Farlow) DeToni	=> <i>Corallophila eatoniana</i> (Farlow) Cho, Choi, Hansen & Boo
<i>Coeloseira compressa</i> Hollenberg	=> <i>Gastroclonium compressum</i> (Hollenberg) Chang & B. Xi
<i>Ceramium gracillimum</i> var. <i>byssoides</i> (Harvey) Mazoyer	=> <i>Ceramium flaccidum</i> (Kützing) Ardissonne
<i>Ceramium taylorii</i> E.Y.Dawson	=> <i>Ceramium flaccidum</i> (Kützing) Ardissonne
<i>Chondria californica</i> (Collins) Kylin	=> <i>Chondria acrorhizophora</i> Setchell & Gardner
<i>Choreocolax polysiphoniae</i> Reinsch	=> <i>Leachiella pacifica</i> Kugrens
<i>Coeloseira compressa</i> Hollenberg	=> <i>Gastroclonium compressum</i> (Hollenberg) Chang & Xia
<i>Coeloseira parva</i> Hollenberg	=> <i>Gastroclonium parvum</i> (Hollenberg) Chang & Xia
<i>Corallina bathybentha</i> E.Y.Dawson	=> <i>Corallina berteroi</i> Montagne ex Kützing
<i>Corallina officinalis</i> var. <i>chilensis</i> (Decaisne) Kützing	=> <i>Corallina chilensis</i> Decaisne
<i>Corallina polysticha</i> Dawson	=> <i>Corallina vancouveriensis</i> Yendo (fide SNM)
<i>Cruoria profunda</i> E.Y.Dawson	=> <i>Opuntiella californica</i> (Farlow) Kylin
<i>Cruoriopsis aestuarii</i> Hollenberg	=> <i>Farlowia mollis</i> (Harvey & Bailey) Farlow & Setchell
<i>Cryptonemia ovalifolia</i> Kylin	=> <i>Isabbottia ovalifolia</i> (Kylin) Balakrishnan

<i>Endocladia muricata</i> (Postels & Ruprecht) J. Agardh	=> <i>Endocladia muricata</i> (Endlicher) J. Agardh
<i>Erythrocladia subintegra</i> Rosenvinge	=> <i>Sahlingia subintegra</i> (Rosenvinge) Kornmann
<i>Erythrotrichia pulvinata</i> N.L.Gardner	=> <i>Erythrotrichia carnea</i> (Dillwyn) J.Agardh
<i>Farlowia compressa</i> J. Agardh	=> retained rather than merged with <i>F. mollis</i>
<i>Gastroclonium coulteri</i> (Harvey) Kylin	=> <i>Gastroclonium subarticulatum</i> (Turner) Kützing
<i>Gigartina agardhii</i> Setchell & Gardner	=> <i>Mastocarpus jardinii</i> (J. Agardh) West
<i>Gigartina papillata</i> (C. Agardh) J. Agardh	=> <i>Mastocarpus papillatus</i> (C. Agardh) Kützing
<i>Gigartina canaliculata</i> Harvey	=> <i>Chondracanthus canaliculatus</i> (Harvey) Guiry
<i>Gigartina corymbifera</i> (Kützing) J. Agardh	=> <i>Chondracanthus corymbiferus</i> (Kützing) Guiry
<i>Gigartina exasperata</i> Harvey & Bailey	=> <i>Chondracanthus exasperatus</i> (Harvey & Bailey) Hughey
<i>Gigartina harveyana</i> (Kützing) Setchell & Gardner	=> <i>Chondracanthus harveyanus</i> (Kützing) Guiry
<i>Gigartina leptorhynchos</i> J. Agardh	=> <i>Mazzaella leptorhynchos</i> (J. Agardh) Leister
<i>Gigartina spinosa</i> (Kützing) Harvey	=> <i>Chondracanthus spinosus</i> (Kützing) Guiry
<i>Gigartina tepida</i> Hollenberg	=> <i>Chondracanthus tepidus</i> (Hollenberg) Guiry
<i>Gigartina volans</i> (C. Agardh) J. Agardh	=> <i>Mazzaella volans</i> (C. Agardh) Fredericq
<i>Gloiosiphonia capillaris</i> (Hudson) Berkeley	=> <i>Gloiosiphonia californica</i> (Farlow) J. Agardh
<i>Goniotrichum alsidii</i> (Zanardini) Howe	=> <i>Stylonema alsidii</i> (Zanardini) K.M. Drew
<i>Goniotrichum cornu-cervi</i> (Reinsch) Hauck	=> <i>Stylonema cornu-cervi</i> Reinsch
<i>Gracilaria andersonii</i> (Grunow) Kylin	=> <i>Gracilaria papenfussii</i> Abbott
<i>Gracilaria sjoestedtii</i> (Kylin) Farlow	=> <i>Gracilariopsis lemaneiformis</i> (Bory) Dawson, Acleto & Foldvik
<i>Gracilaria verrucosa</i> (Hudson) Papenfuss	=> <i>Gracilaria pacifica</i> Abbott
<i>Grateloupia setchellii</i> Kylin	=> <i>Norrissia setchellii</i> (Kylin) Balakrishnan
<i>Griffithsia furcellata</i> J. Agardh	=> <i>Anotrichium furcellatum</i> (J.Agardh) Baldock

Gymnogongrus leptophyllus J. Agardh	=> <i>Ahnfeltiopsis leptophylla</i> (J. Agardh) P.C. Silva & DeCew
Gymnogongrus <i>linearis</i> (C. Agardh) J. Agardh	=> <i>Ahnfeltiopsis linearis</i> (C. Agardh) P.C. Silva & DeCew
<i>Gymnogongrus</i> platyphyllus Gardner	=> <i>Gymnogongrus chiton</i> (Howe) P.C. Silva & DeCew
<i>Gymnothamnion elegans</i> (C. Agardh) J. Agardh	=> <i>Gymnothamnion elegans</i> (Schousboe ex C. Agardh) J. Agardh
Haematocelis rubens J. Agardh	=> <i>Schizymenia dubyi</i> (Chauvin ex Duby) J. Agardh
<i>Halymenia coccinea</i> (Harvey) Abbott	=> <i>Halymenia gardneri</i> (Kylin) P.G. Parkinson
<i>Herposiphonia plumula</i> (J. Agardh) Hollenberg	=> <i>Herposiphonia plumula</i> (J. Agardh) Falkenberg
<i>Herposiphonia tenella</i> forma secunda (C. Agardh) Hollenberg	=> <i>Herposiphonia secunda</i> (C. Agardh) Ambronn
<i>Heterosiphonia japonica</i> Yendo	=> <i>Heterosiphonia densiuscula</i> Kylin
<i>Hildenbrandia</i> prototypus Nardo	=> <i>Hildenbrandia rubra</i> (Sommerfelt) Meneghini
Holmesia californica (Dawson) Dawson	=> <i>Loranthophycus californicus</i> Dawson
Hydrolithon <i>decipiens</i> (Foslie) W. Adey	=> <i>Pseudolithophyllum decipiens</i> (Foslie) Steneck & Paine
<i>Hymenena smithii</i> Kylin	=> <i>Hymenena setchelli</i> Gardner
<i>Iridaea cornucopiae</i> Postels & Ruprecht	=> <i>Mazzaella cornucopiae</i> (Postels & Ruprecht) Hommersand <i>in</i> Hommersand, Guiry, Fredericq & Leister
<i>Iridaea flaccida</i> (Setchell & Gardner) P.C. Silva	=> <i>Mazzaella flaccida</i> (Setchell & Gardner) Fredericq <i>in</i> Hommersand, Guiry, Fredericq & Leister
<i>Iridaea heterocarpa</i> Postels & Ruprecht	=> <i>Mazzaella heterocarpa</i> (Postels & Ruprecht) Fredericq <i>in</i> Hommersand, Guiry, Fredericq & Leister
<i>Iridaea cordata</i> var. <i>splendens</i>	=> <i>Mazzaella splendens</i> (Setchell & Gardner) Fredericq <i>in</i> Hommersand, Fredericq & Freshwater
<i>Iridaea cordata</i> var. <i>cordata</i>	=> <i>Mazzaella splendens</i> (Setchell & Gardner) Fredericq <i>in</i> Hommersand, Fredericq & Freshwater
<i>Iridaea lineare</i> (Setchell & Gardner) Kylin	=> <i>Mazzaella linearis</i> (Setchell & Gardner) Fredericq <i>in</i> Hommersand, Guiry, Fredericq & Leister
<i>Iridaea punicea</i> Postels & Ruprecht	=> <i>Mazzaella sanguinea</i> (Setchell & Gardner) Hommersand <i>in</i> Hommersand, Fredericq & Freshwater
<i>Jantinnella verrucaeformis</i> (Setchell & McFadden) Kylin	=> <i>Jantinnella verruciformis</i> (Setchell & McFadden) Kylin
<i>Kallymenia oblongifruca</i> Setchell	=> <i>Kallymeniopsis oblongifruca</i> (Setchell) Hansen
<i>Kylinia rosulata</i> Rosenvinge	=> <i>Acrochaetium rosulatum</i> (Rosenvinge) Papenfuss
<i>Laurencia blinksii</i> Hollenberg & Abbott	=> <i>Osmundea blinksii</i> (Hollenberg & Abbott) Nam

<i>Laurencia crisper</i> Hollenberg	=> <i>Osmundea crisper</i> (Hollenberg) Nam
<i>Laurencia sinicola</i> Setchell & Gardner	=> <i>Osmundea sinicola</i> (Setchell & Gardner) Nam
<i>Laurencia snyderiae</i> Dawson	=> <i>Laurencia snyderae</i> Dawson
<i>Laurencia spectabilis</i> var. <i>spectabilis</i> Postels & Ruprecht	=> <i>Osmundea spectabilis</i> var. <i>spectabilis</i> (Postels & Ruprecht) Nam
<i>Laurencia spectabilis</i> var. <i>diegoensis</i> (Dawson) Dawson	=> <i>Osmundea spectabilis</i> var. <i>diegoensis</i> (Dawson) Nam
<i>Laurencia splendens</i> Hollenberg	=> <i>Osmundea splendens</i> (Hollenberg) Nam
<i>Lithophyllum lichenare</i> Mason	=> <i>Pseudolithophyllum muricatum</i> (Foslie) Steneck & Paine
<i>Lithothamnium Philippi</i>	=> <i>Lithothamnium Philippi</i>
<i>Lithothamnium pacificum</i> (Foslie) Foslie	=> <i>Lithothamnium phymatodeum</i> Foslie
<i>Membranoptera multiramosa</i> Gardner	=> <i>Membranoptera platyphylla</i> (Setchell & Gardner) Kylin
<i>Membranoptera weeksiae</i> Setchell & Gardner	=> <i>Membranoptera tenuis</i> Kylin
<i>Murrayellopsis dawsonii</i> Post	=> <i>Veleroa subulata</i> Dawson
<i>Neoagardhiella baileyi</i> (Kützing) Wynne & Taylor	=> <i>Sarcodiotheca gaudichaudii</i> (Montagne) Gabrielson
<i>Neopolyporolithon reclinatum</i> (Foslie) Adey & Johansen	=> <i>Clathromorphum reclinatum</i> (Foslie) Adey
<i>Neoptilota californica</i> (Harvey) Kylin	=> <i>Neoptilota californica</i> (Harvey) Kylin ex I.A.Abbott & Hollenberg
<i>Neoptilota densa</i> (C.Agardh) Kylin	=> <i>Neoptilota densa</i> (C.Agardh) Kylin ex I.A.Abbott & Hollenberg
<i>Neoptilota hypnoides</i> (Harvey) Kylin	=> <i>Neoptilota hypnoides</i> (Harvey) Kylin ex I.A.Abbott & Hollenberg
<i>Odonthalia oregona</i> Doty	=> <i>Neorhodomela oregona</i> (Doty) Masuda
<i>Petrocelis franciscana</i> Setchell & Gardner	=> <i>Mastocarpus papillatus</i> (C. Agardh) Kützing
<i>Petrocelis haematis</i> Hollenberg	=> <i>Erythrodermis haematis</i> (Hollenberg) Denizot
<i>Peyssonelia</i>	=> <i>Peyssonnelia</i>
<i>Peyssonelia rubra</i> var. <i>orientalis</i> Weber-van Bosse	=> <i>Peyssonnelia orientalis</i> (Weber-van Bosse) Cormaci & G.Furnari
<i>Phycodrys isabelliae</i> Norris & Wynne	=> <i>Phycodrys setchellii</i> Skottsberg
<i>Pikea robusta</i> Abbott	=> <i>Pikea pinnata</i> Setchell

<i>Platythamnion heteromorphum</i> (J. Agardh) J. Agardh	=> <i>Pterothamnion heteromorphum</i> (J. Agardh) Athanasiadis & Kraft
<i>Platythamnion pectinatum</i> Kylin	=> <i>Pterothamnion pectinatum</i> (Kylin) Athanasiadis & Kraft
<i>Platythamnion recurvatum</i> Wollaston	=> <i>Pterothamnion recurvatum</i> (Wollaston) Athanasiadis & Kraft
<i>Platythamnion villosum</i> Kylin	=> <i>Pterothamnion villosum</i> (Kylin) Athanasiadis & Kraft
<i>Polysiphonia flaccidissima</i> Hollenberg	=> <i>Polysiphonia sertularioides</i> (Grateloup) J. Agardh
<i>Polysiphonia mollis</i> Hooker & Harvey	=> <i>Polysiphonia eastwoodae</i> Setchell & Gardner
<i>Polysiphonia savatieri</i> Hariot	=> <i>Polysiphonia japonica</i> var. <i>savatieri</i> (Hariot) Yoon
<i>Porphyra miniata</i> (C. Agardh) C. Agardh	=> <i>Porphyra cuneiformis</i> (Setchell & Hus) V. Krishnamurthy
<i>Porphyrella gardneri</i> Smith & Hollenberg	=> <i>Porphyra gardneri</i> (Smith & Hollenberg) Hawkes
<i>Pseudogloiophloea confusa</i> (Setchell) Levring	=> <i>Scinaia confusa</i> (Setchell) Huisman
<i>Pseudolithophyllum neofarlowii</i> (Setchell & Mason) W.H. Adey	=> <i>Lithophyllum neofarlowii</i> Setchell & Mason
<i>Pterocladia caloglossoides</i> (Howe) Dawson	=> <i>Pterocradiella caloglossoides</i> (Howe) Santelices
<i>Pterocladia capillacea</i> (S.G.Gmelin) Bornet in Bornet & Thuret	=> <i>Pterocradiella capillacea</i> (S.G.Gmelin) Santelices & Hommersand
<i>Pterosiphonia clevelandii</i> (Farlow) Hollenberg	=> <i>Pterosiphonia farlowii</i> Hollenberg
<i>Pterosiphonia pennata</i> (C. Agardh) Falkenberg	=> <i>Pterosiphonia pennata</i> (C. Agardh) Sauvageau
<i>Rhodochorton concrescens</i> Drew	=> <i>Meiodiscus concrescens</i> (Drew) Gabrielson
<i>Rhodoglossum affine</i> (Harvey) Kylin	=> <i>Mazzaella affinis</i> (Harvey) Fredericq in Hommersand, Guiry, Fredericq & Leister
<i>Rhodoglossum californicum</i> (J. Agardh) Abbott	=> <i>Mazzaella californica</i> (J. Agardh) DeToni f.
<i>Rhodoglossum oweniae</i> Hollenberg & Abbott	=> <i>Mazzaella californica</i> (J. Agardh) DeToni f.
<i>Rhodoglossum roseum</i> (Kylin) Smith	=> <i>Mazzaella rosea</i> (Kylin) Fredericq in Hommersand, Guiry, Fredericq & Leister
<i>Rhodomela larix</i> (Turner) C. Agardh	=> <i>Neorhodomela larix</i> (Turner) Masuda
<i>Rhodophysema elegans</i> (Crouan & Crouan) Batters	=> <i>Rhodophysema elegans</i> (P.L. Crouan & H.M. Crouan ex J. Agardh) P.S. Dixon
<i>Rhodophysema elegans</i> forma <i>polystromatica</i> (Batters) Dixon	=> <i>Rhodophysema elegans</i> (P.L. Crouan & H.M. Crouan ex J. Agardh) P.S. Dixon

<i>Rhodophysema minus</i> Hollenberg & Abbott	=> <i>Rhodophysema elegans</i> (P.L. Crouan & H.M.Crouan ex J.Agardh) P.S. Dixon
<i>Rhodymenia californica</i> var. <i>attenuata</i> (Dawson) Dawson	=> <i>Rhodymenia californica</i> Kylin
<i>Rhodymenia hancockii</i> Dawson	=> <i>Rhodymenia arborescens</i> Dawson (in California)
<i>Rhodymenia lobata</i> Dawson	=> <i>Rhodymenia pacifica</i> Kylin
<i>Rhodymenia palmata</i> var. <i>mollis</i> Setchell & Gardner	=> <i>Palmaria palmata</i> (Setchell & Gardner) van der Meer & Bird
<i>Rhodymenia rhizoides</i> Dawson	=> <i>Rhodymenia pacifica</i> Kylin
<i>Scagelia occidentale</i> (Kylin) Wollaston	=> <i>Scagelia pylaisaei</i> (Montagne) Wynne
<i>Schizymenia epiphytica</i> (Setchell & Lawson) Smith & Hollenberg	=> <i>Peyssonelliopsis epiphytica</i> Setchell & Lawson
<i>Stenogramme interrupta</i> (C. Agardh) Montagne	=> <i>Stenogramma interrupta</i> (C. Agardh) Montagne ex Harvey
<i>Tenarea ascripticia</i> (Foslie) W.H. Adey	=> <i>Lithophyllum pustulatum</i> (Lamouroux) Foslie
<i>Tenarea dispar</i> (Foslie) W.H. Adey	=> <i>Lithophyllum dispar</i> (Foslie) Foslie
<i>Trailiella intricata</i> Batters	=> <i>Bonnemaisonia hamifera</i> Hariot

**New Descriptions or New California Records
(Since *Marine Algae of California* [1976])**

Green Algae

Codium fragile ssp. *tomentosoides* (van Goor) Silva

Caulerpa taxifolia (Vahl) C. Agardh

Brown Algae

Cutleria cylindrica Okamura

Ectocarpus dimorphus P.C.Silva

Undaria pinnatifida (Harvey) Suringar

Red Algae

Gracilaria pacifica I.A. Abbott

Gracilaria papenfussii I.A. Abbott

Leachiella pacifica Kugrens

Minium parvum Moe

Neevea repens Batters

Neorhodomela oregona (Doty) Masuda

Peyssonnelia pacifica Kylin

Polyneuropsis stolonifera Wynne, McBride & West

Porphyra kanakaensis Mumford

Porphyrostromium boryanum (Montagne) Trevisan

Pseudolithophyllum muricatum (Foslie) Steneck & Paine

Scagelia pylaisaei (Montagne) Wynne

Weeksia coccinea (Harvey) Lindstrom

Caulacanthus ustulatus (Mertens ex Turner) Kützing