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The culture collection of algae at the Botanical Institute of the University at Innsbruck (Austria)

Additions to the collection since 1984/85

by

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Die Sammlung der Algenkulturen des Institutes für Botanik der Universität Innsbruck (Österreich) Ergänzungen zur Sammlung ab 1984/85

Synopsis: Seit der Veröffentlichung des Kataloges der Algenkulturen am Institut für Botanik der Universität Innsbruck (Ber. nat.-med. Ver. Innsbruck 72, 1985) wurden nachstehend aufgelistete Stämme neu in die Sammlung aufgenommen oder mit neuen Namen versehen. Weitere Angaben zu Kulturen, über Kulturmedien und die Verfügbarkeit für wissenschaftliche Zwecke entsprechen den bereits veröffentlichten (GÄRTNER, 1985).

This list serves as a supplement to the catalogue of cultures published by the author in Ber. nat.-med. Verein Innsbruck, 72: 33 - 52 (1985). Many of the recent additions to the collection resulted from the courtesy of other collections (Culture Collection of Algae at the University of Texas, Austin = UTEX, and Sammlung von Algenkulturen Göttingen = SAG), but also individual investigators have deposited some strains from research cultures. Some changes in the nomenclature are made on reference to new taxonomic investigations and the synonyms are given in the informations for each strain. Publications with reference to the isolated strains are cited with numbers in parentheses. Specifications for ordering cultures, explanations of abbreviations and media preparation can be found in the catalogue previously published (GÄRTNER, 1985).

Asterococcus Scherffel

Asterococcus siderogloeus (Pascher & Jahoda) Nováková

IB 391 E.A. GEORGE, 1950 (England); formerly *Gloeocystis gigas* (Kütz.) Lagerh.; CCAP 31/2 = SAG 31-2.

Asterococcus superbus (Cienkowski) Scherffel

IB 392 R. POURRIOT, 1961, peatbog (France); = SAG 104.80.

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Characium A. Braun

Characium astipitatum Metting

- IB 393 B. METTING, 1980, soil, Whitman County, Washington (USA); type material;
= UTEX 2250; (13)

Characium californicum Lee & Bold

- IB 394 R.C. STARR, 1974, soil, Lemon Cove, California (USA); type material; = UTEX 2097; (12)

Characium perforatum Lee & Bold

- IB 395 F. HINDÁK, 1962, snow detritus, Belanske Tatry Mountains (Czechoslovakia); type material;
= UTEX 2104; (12)

Characium typicum Lee & Bold

- IB 396 H.C. BOLD, 1974, soil, Bastrop, Texas (USA); type material; = UTEX 2108; (12)

Chlamydocapsa Fott

Chlamydocapsa ampla (Kützing) Fott

- IB 397 W. KOCH, 1973, bog pool (Ireland); = SAG 19.79

Chlamydropodium Ettl & Komárek

Chlamydropodium starrii (Fott) Ettl & Gärtner

- IB 398 R.C. STARR, 1953, dry soil, Cape Town (South Africa); type material; formerly *Characium saccatum* Filarszky; = UTEX 111 (+ strain); (9, 14)

Chlorochytrium Cohn

Chlorochytrium sp.

- IB 399 O. PRINGSHEIM, soil (India); material from A.K. MITRA; = CCAP 212/1 = SAG 212-1

Chlorococcum Meneghini

Chlorococcum acidum Archibald & Bold

- IB 400 P.A. ARCHIBALD, 1970, soil, Elkhart, Indiana (USA); type material; = UTEX 1766; (3)

Chlorococcum arenosum Archibald & Bold

- IB 401 P.A. ARCHIBALD, 1970, soil, Port Isabel, Texas (USA); type material; = UTEX 1767; (3)

Chlorococcum aureum Archibald & Bold

- IB 402 P.A. ARCHIBALD, 1970, soil, Nashville, Tennessee (USA); type material; = UTEX 1768; (3)

Chlorococcum citrifforme Archibald & Bold

- IB 403 P.A. ARCHIBALD, 1970, soil, Elkhart, Indiana (USA); type material; = UTEX 1769 = SAG 62.80; (3)

Chlorococcum costatozygotum Ettl & Gärtner

- T 51 H. TRENKWALDER, 1975, soil, pine forest, Brixen, South Tyrol (Italy); type material; formerly *Chlorococcum* cf. *echinozygotum*; (9, 11, 16)

Chlorococcum croceum Archibald & Bold

- IB 404 P.A. ARCHIBALD, 1970, soil, Nashville, Tennessee (USA); type material; = UTEX 1770; (3)

Chlorococcum echinozygotum Starr

- IB 405 R.C. STARR, 1955, soil, San Marcellino, Luzon (Philippines); type material; = CCAP 213/5 = UTEX 118 = SAG 213-5; (15)

Chlorococcum ellipsoideum Deason & Bold

- IB 406 T.R. DEASON, 1957, soil, Williamson County, Texas (USA); type material; = UTEX 972; (8)
IB 407 F. HINDÁK, formerly *Hypnomonas ellipsoidea* Korš.; = UTEX 1376
IB 408 H. ETTL, formerly *Hypnomonas chlorococcoides* Korš.; = SAG 68.72
IB 409 E. HEGEWALD, 1973, Laguna Huaypo, Dept. Cuzco (Peru); = strain Heg. 1973-20

Chlorococcum hypnosporum Starr

- IB 410 R.C. STARR, 1955, soil, Bledsoe County, Texas (USA); type material; = CCAP 213/6 = UTEX 119 = SAG 213-6; (15)

Chlorococcum infusionum (Schrank) Meneghini

- IB 411 F. MAINX, before 1939; (Czechoslovakia); = Praha A-91 = CCAP 213/2a; (9)

Chlorococcum lacustre Archibald & Bold

- IB 412 P.A. ARCHIBALD, 1970, soil, Elkhart, Indiana (USA); type material; = UTEX 1775; (3)

Chlorococcum loculatum Archibald & Bold

- IB 413 P.A. ARCHIBALD, 1970, soil, Elkhart, Indiana (USA); type material; = UTEX 1776; (3)

Chlorococcum macrostigmatum Starr

- IB 414 R.C. STARR, 1953, soil, Osborn Botanical Laboratory, Yale University (USA); type material; = CCAP 213/9 = UTEX 109; (14)

Chlorococcum microstigmatum Archibald & Bold

- IB 415 P.A. ARCHIBALD, 1970, soil, Elkhart, Indiana (USA); type material; = UTEX 1777; (3)

Chlorococcum nivale Archibald

- IB 416 F. HINDÁK, snow detritus, Tatra Mountains (Czechoslovakia); type material; = UTEX 2225; (2)

Chlorococcum novae-angliae Archibald & Bold

- IB 417 P.A. ARCHIBALD, 1970, soil, Falmouth, Barnstable County, Massachusetts (USA); type material; = UTEX 1778; (3)

Chlorococcum paludosum Archibald & Bold

- IB 418 P.A. ARCHIBALD, 1970, soil, Elkhart, Indiana (USA); type material; = UTEX 1779; (3)

Chlorococcum perplexum Archibald & Bold

- IB 419 P.A. ARCHIBALD, 1970, soil, Elkhart, Indiana (USA); type material; = UTEX 1780; (3)

Chlorococcum pinguideum Arce & Bold

- IB 420 G. ARCE, 1958, soil, Camaguey (Cuba); type material; = UTEX 774

Chlorococcum refringens Archibald & Bold

- IB 421 P.A. ARCHIBALD, 1970, soil, Elkhart, Indiana (USA); type material; = UTEX 1783; (3)

Chlorococcum salsugineum Archibald & Bold

- IB 422 P.A. ARCHIBALD, 1970, soil, Falmouth, Barnstable County, Massachusetts (USA); type material; = UTEX 1786; (3)

Chlorococcum scabellum Deason & Bold

- IB 423 T.R. DEASON, 1960, soil, Williamson County, Texas (USA); type material; = UTEX 1233; (8)

Chlorococcum typicum Archibald & Bold

- IB 424 P.A. ARCHIBALD, 1970, soil, Summit County, Ohio (USA); type material; = UTEX 1789; (3)

Chlorococcum uliginosum Archibald & Bold

- IB 425 P.A. ARCHIBALD, 1970, soil, type material; = UTEX 1790; (3)

Chlorococcum vacuolatum Starr

- IB 426 R.C. STARR, 1952, soil, Cape Flats (South Africa); type material; = CCAP 213/8 = UTEX 110 = SAG 213-8; (14)

Chlorosphaeropsis Vischer

Chlorosphaeropsis alveolata Herndon

- IB 427 W. HERNDON, type material; = UTEX 1235

Gloeococcus A. Braun

Gloeococcus maximus (Mainx) Fott & Nováková

- IB 428 F. MAINX, 1925, pond Wobern near Hirschberg (Czechoslovakia); type material; formerly *Gloeocystis maxima* Mainx; (10)

Gloeotilopsis Iyengar & Philipose

Gloeotilopsis sterilis Deason

IB 429 T.R. DEASON, 1964, soil, Dauphin Island, Alabama (USA); type material; = UTEX 1704; (6)

Heterochlamydomonas Cox & Deason

Heterochlamydomonas inaequalis Cox & Deason

IB 430 E.R. COX, 1969, soil, Wilson County, Tennessee (USA); type material; = UTEX 1705 = SAG 4.75

Heterotetracystis Cox & Deason

Heterotetracystis akinetos Cox & Deason

IB 431 E.R. COX, 1968, soil, Cedars of Lebanon State Forest, Wilson County, Tennessee (USA); type material; = UTEX 1675; (4)

Nautococcus Koršikov

Nautococcus soluta Archibald

IB 432 P.A. ARCHIBALD, 1972, soil, Bertram, Texas (USA); type material; = CCAP 53/2 = UTEX 1793; (1)

Neochloris Starr

Neochloris aquatica Starr

IB 433 NORBY, 1955, sides of a small aquarium, Indiana University, Indiana (USA); type material; = UTEX 138; (5)

Neochloris wimmeri (Rabenhorst) Archibald & Bold

IB 434 F. MAINX, loc. unknown (Czechoslovakia); formerly *Chlorococcum wimmeri* Rabenhorst; = CCAP 213/4 = UTEX 113 = SAG 213-4; (3)

Spongiococcum Deason

Spongiococcum tetrasporum Deason

IB 435 T.R. DEASON, soil of a cotton field, Alabama (USA); type material; = UTEX 961; (5)

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