**Table 1**: Cyanobacteria species and diversity

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Species | Europe | America North, Central | America South | Africa | Australia, New Zealand | Asia | Antarctica | Frequency (%) |
| *Microcoleus vaginatus* Gomont ex Gomont |  |  |  |  |  |  |  | 100 |
| *Nostoc commune* Vaucher ex Bornet et Flahault |  |  |  |  |  |  |  | 100 |
| *Chroococcidiopsis* sp. 1 |  |  |  |  |  |  |  | 86 |
| *Coleofasciculus chtonoplastes* (Thuret ex Gomont) Siegesmund, J.R.Johansen & Friedl |  |  |  |  |  |  |  | 86 |
| *Trichocoleus sociatus* (W. et G.S. West) Anagnostidis |  |  |  |  |  |  |  | 86 |
| *Nostoc microscopicum* Carmichael ex Bornet et Flahault |  |  |  |  |  |  |  | 71 |
| *Scytonema myochrous* (Dillwyn) Agardh ex Bornet et Flahault |  |  |  |  |  |  |  | 71 |
| *Schizothrix calcicola* Gomont |  |  |  |  |  |  |  | 71 |
| *Aphanothece saxicola* Nägeli |  |  |  |  |  |  |  | 57 |
| *Aphanocapsa muscicola* (Meneghini) Wille |  |  |  |  |  |  |  | 57 |
| *Calothrix parietina* Thuret ex Bornet et Flahault |  |  |  |  |  |  |  | 57 |
| *Hassallia byssoidea* Hassall ex Bornet et Flahault |  |  |  |  |  |  |  | 57 |
| *Microcoleus paludosus* Gomont ex Gomont |  |  |  |  |  |  |  | 57 |
| *Nostoc muscorum* Agardh ex Bornet et Flahault |  |  |  |  |  |  |  | 57 |
| *Nostoc punctiforme* (Kützing ex Hariot) Hariot |  |  |  |  |  |  |  | 57 |
| *Scytonema hofmannii* Agardh ex Bornet & Flahault |  |  |  |  |  |  |  | 57 |
| *Symplocastrum friesii* Agardh ex Kirchner |  |  |  |  |  |  |  | 57 |
| *Stigonema ocellatum* Thuret ex Bornet et Flahault |  |  |  |  |  |  |  | 57 |
| *Chroococcus tenax* (Kirchner) Hieronymus |  |  |  |  |  |  |  | 43 |
| *Chroococcus turgidus* (Kützing) Nägeli |  |  |  |  |  |  |  | 43 |
| *Cyanothece aeruginosa* (Nägeli) Komárek |  |  |  |  |  |  |  | 43 |
| *Hassallia bouteillei* Bornet et Flahault |  |  |  |  |  |  |  | 43 |
| *Gloeocapsospis* cf. *dvorakii* (Nováček) Komárek et Anagnostidis |  |  |  |  |  |  |  | 43 |
| *Leptolyngbya scottii* (Fritsch) Anagnostidis et Komárek |  |  |  |  |  |  |  | 43 |
| *Microcoleus lacustris* (Rabenhorst) Farlow ex Gomont |  |  |  |  |  |  |  | 43 |
| *Phormidium foveolarum* (Montagne) Gomont |  |  |  |  |  |  |  | 43 |
| *Porphyrosiphon notarisii* Kützing ex Gomont |  |  |  |  |  |  |  | 43 |
| *Scytonema drilosiphon* (Kützing) Elenkin et Poljanskij |  |  |  |  |  |  |  | 43 |
| *Scytonema javanicum* (Kützing) Bornet et Thuret ex Bornet et Flahault |  |  |  |  |  |  |  | 43 |
| *Scytonema ocellatum* (Dillwyn) Lyngbye ex Bornet et Flahault |  |  |  |  |  |  |  | 43 |
| *Scytonema schmidtii* Gomont |  |  |  |  |  |  |  | 43 |
| *Stigonema minutum* Hassall ex Bornet et Flahault |  |  |  |  |  |  |  | 43 |
| *Tolypothrix distorta* Kützing ex Bornet et Flahault |  |  |  |  |  |  |  | 43 |
| *Tolypothrix tenuis* Kützing ex Bornet et Flahault |  |  |  |  |  |  |  | 43 |
| *Aphanothece castagnei* (Brébisson) Rabenhorst |  |  |  |  |  |  |  | 29 |
| *Aphanothece pallida* (Kützing) Rabenhorst |  |  |  |  |  |  |  | 29 |
| *Aphanothece* sp. 1 |  |  |  |  |  |  |  | 29 |
| *Calothrix braunii* Bornet et Flahault |  |  |  |  |  |  |  | 29 |
| *Calothrix castellii* (Messalongo) Bornet et Flahault |  |  |  |  |  |  |  | 29 |
| *Chondrocystis dermochroa* (Nägeli) Komárek et Anagnostidis |  |  |  |  |  |  |  | 29 |
| *Crinalium epipsammum* de Winder |  |  |  |  |  |  |  | 29 |
| *Cyanosarcina spectabilis* (Geitler) Kováčik |  |  |  |  |  |  |  | 29 |
| *Dasygloea lamyi* (Gomont ex Gomont 1982) Senna et Komárek |  |  |  |  |  |  |  | 29 |
| *Dichothrix gypsophila* (Kützing) Bornet et Flahault |  |  |  |  |  |  |  | 29 |
| *Gloeocapsa alpina* (Nägeli) Brand |  |  |  |  |  |  |  | 29 |
| *Gloeocapsa* cf. *kuetzingiana* Nägeli |  |  |  |  |  |  |  | 29 |
| *Gloeocapsa novacekii* Komárek et Anagnostidis |  |  |  |  |  |  |  | 29 |
| *Gloeocapsa rupestris* Kützing |  |  |  |  |  |  |  | 29 |
| *Gloeocapsa rupicola* Kützing |  |  |  |  |  |  |  | 29 |
| *Gloeocapsa sanguinea* (Agardh) Kützing |  |  |  |  |  |  |  | 29 |
| *Gloeocapsa violascea* (Corda) Rabenhorst |  |  |  |  |  |  |  | 29 |
| *Gloeocapsopsis pleurocapsoides* (Nováček) Komárek et Anagnostidis |  |  |  |  |  |  |  | 29 |
| *Gloeothece palea* (Kützing) Rabenhorst |  |  |  |  |  |  |  | 29 |
| *Leptolyngbya foveolarum* (Rabenhorst ex Gomont) Anagnostidis et Komárek |  |  |  |  |  |  |  | 29 |
| *Leptolyngbya tenuis* (Gomont) Anagnostidis et Komárek |  |  |  |  |  |  |  | 29 |
| *Leptolyngbya thermalis* Anagnostidis in Anagnostidis et Komárek |  |  |  |  |  |  |  | 29 |
| *Lyngbya aerugineo-caerulea* Gomont |  |  |  |  |  |  |  | 29 |
| *Lyngbya aestuarii* Liebman ex Gomont |  |  |  |  |  |  |  | 29 |
| *Lyngbya martensiana* Meneghini ex Gomont |  |  |  |  |  |  |  | 29 |
| *Nostoc* cf. *calcicola* Brébisson ex Bornet et Flahault |  |  |  |  |  |  |  | 29 |
| *Nostoc flagelliforme* Berkeley et Curtis ex Bornet et Flahault |  |  |  |  |  |  |  | 29 |
| *Nostoc linckia* Bornet ex Bornet et Flahault |  |  |  |  |  |  |  | 29 |
| *Nostoc minutissimum* Kützing ex Bornet et Flahault |  |  |  |  |  |  |  | 29 |
| *Nostoc* sp. 1 |  |  |  |  |  |  |  | 29 |
| *Oscillatoria hamelii* Frémy |  |  |  |  |  |  |  | 29 |
| *Oscillatoria subbrevis* Schmidle |  |  |  |  |  |  |  | 29 |
| *Oscillatoria tenuis* Agardh ex Gomont |  |  |  |  |  |  |  | 29 |
| *Oscillatoria* sp. 1 |  |  |  |  |  |  |  | 29 |
| *Phormidium aerugineo-caeruleum* (Gomont) Anagnostidis et Komárek |  |  |  |  |  |  |  | 29 |
| *Phormidium chlorinum* (Kützing ex Gomont) Anagnostidis |  |  |  |  |  |  |  | 29 |
| *Phormidium corium* Gomont |  |  |  |  |  |  |  | 29 |
| *Phormidium irriguum* (Kützing ex Gomont) Anagnostidis & Komárek |  |  |  |  |  |  |  | 29 |
| *Phormidium* sp. 1 |  |  |  |  |  |  |  | 29 |
| *Schizothrix arenaria* Gomont |  |  |  |  |  |  |  | 29 |
| *Scytonema crispum* (Agardh) Bornet |  |  |  |  |  |  |  | 29 |
| *Scytonema guyanense* (Montagne) Bornet et Flahault |  |  |  |  |  |  |  | 29 |
| *Scytonema millei* Bornet ex Bornet et Flahault |  |  |  |  |  |  |  | 29 |
| *Scytonema stuposum* (Kützing) Bornet ex Bornet et Flahault |  |  |  |  |  |  |  | 29 |
| *Symplocastrum penicillatum* (Kützing ex Gomont) Anagnostidis |  |  |  |  |  |  |  | 29 |
| *Trichormus variabilis* (Kützing ex Bornet et Flahault) Komárek et Anagnostidis |  |  |  |  |  |  |  | 29 |
| *Ammatoidea normannii* W. et G.S. West |  |  |  |  |  |  |  | 14 |
| *Anabaena azotica* Ley |  |  |  |  |  |  |  | 14 |
| *Anabaena torulosa* (Carmichael) Lagerheim ex Bornet et Flahault |  |  |  |  |  |  |  | 14 |
| *Anabaena* sp., Antarctica |  |  |  |  |  |  |  | 14 |
| *Anabaena* sp. Venezuela |  |  |  |  |  |  |  | 14 |
| *Aphanocapsa biformis* A. Braun |  |  |  |  |  |  |  | 14 |
| *Aphanocapsa parasitica* (Kützing) Komárek et Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Aphanocapsa parietina* Nägeli |  |  |  |  |  |  |  | 14 |
| *Aulosira pseudoramosa* Bharadwaja |  |  |  |  |  |  |  | 14 |
| *Borzia trilocularis* Cohn ex Gomont |  |  |  |  |  |  |  | 14 |
| *Calothrix* cf. *elenkinii* Kossinskaja |  |  |  |  |  |  |  | 14 |
| *Calothrix bharadwajae* DeToni |  |  |  |  |  |  |  | 14 |
| *Calothrix brevissima* G.S. West |  |  |  |  |  |  |  | 14 |
| *Calothrix clavatoides* Ghose |  |  |  |  |  |  |  | 14 |
| *Calothrix desertica* Schwabe |  |  |  |  |  |  |  | 14 |
| *Calothrix fusca* Bornet et Flahault |  |  |  |  |  |  |  | 14 |
| *Calothrix javanica* De-Wildeman |  |  |  |  |  |  |  | 14 |
| *Calothrix marchica* Lemmermann |  |  |  |  |  |  |  | 14 |
| *Calothrix scytonemicola* Tilden |  |  |  |  |  |  |  | 14 |
| *Calothrix* sp. 1 |  |  |  |  |  |  |  | 14 |
| *Chroococcus cohaerens* (Brébisson) Nägeli |  |  |  |  |  |  |  | 14 |
| *Chroococcus epiphyticus* Jao |  |  |  |  |  |  |  | 14 |
| *Chroococcus helveticus* Nägeli |  |  |  |  |  |  |  | 14 |
| *Chroococcus lithophilus* Ercegović |  |  |  |  |  |  |  | 14 |
| *Chroococcus minutus* (Kützing) Nägeli |  |  |  |  |  |  |  | 14 |
| *Chroococcus minor* (Kützing) Nägeli |  |  |  |  |  |  |  | 14 |
| *Chrococcus minimus* (Keissler) Lemmermann |  |  |  |  |  |  |  | 14 |
| *Chroococcus pallidus* (Nägeli) Nägeli |  |  |  |  |  |  |  | 14 |
| *Chroococcus varius* A. Braun in Rabenhorst |  |  |  |  |  |  |  | 14 |
| *Chroococcus westii* Boye-Petersen |  |  |  |  |  |  |  | 14 |
| *Chroococcus* sp. Australia |  |  |  |  |  |  |  | 14 |
| *Chroococcus* sp. 1 |  |  |  |  |  |  |  | 14 |
| *Crinalium* cf. *magnum* Fritsch et John |  |  |  |  |  |  |  | 14 |
| *Crinalium* sp. 1 |  |  |  |  |  |  |  | 14 |
| *Cyanosarcina chroococcoides* (Geitler) Kováčik |  |  |  |  |  |  |  | 14 |
| *Cylindrospermum muscicola* Kütz. ex Bornet et Flahault |  |  |  |  |  |  |  | 14 |
| *Cylindrospermum indicum* C.B. Rao |  |  |  |  |  |  |  | 14 |
| *Cyanobacterium cedrorum* (Sauvageau) Komárek et al. |  |  |  |  |  |  |  | 14 |
| *Cyanothece major* (Schröter) Komárek |  |  |  |  |  |  |  | 14 |
| *Eucapsis minor* (Skuja) Elenkin |  |  |  |  |  |  |  | 14 |
| *Eucapsis minuta* Fritsch |  |  |  |  |  |  |  | 14 |
| *Fischerella ambigua* (Nägeli) Gomont |  |  |  |  |  |  |  | 14 |
| *Fottea pyrenoidosa* Broady |  |  |  |  |  |  |  | 14 |
| *Fottea stichococcoides* Hindák |  |  |  |  |  |  |  | 14 |
| *Geitlerinema splendidum* (Greville ex Gomont) Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Gloeocapsa arenaria* (Hassall) Rabenhorst |  |  |  |  |  |  |  | 14 |
| *Gloeocapsa biformis* Ercegović |  |  |  |  |  |  |  | 14 |
| *Gloeocapsa caldriorum* Rabenhorst |  |  |  |  |  |  |  | 14 |
| *Gloeocapsa compacta* Kützing |  |  |  |  |  |  |  | 14 |
| *Gloeocapsa haematodes* Kützing |  |  |  |  |  |  |  | 14 |
| *Gloeocapsa nigrescens* Nägeli in Rabenhorst |  |  |  |  |  |  |  | 14 |
| *Gloeocapsa punctata* Nägeli |  |  |  |  |  |  |  | 14 |
| *Gloeocapsa ralfsii* (Harvey) Kützing |  |  |  |  |  |  |  | 14 |
| *Gloeocapsopsis polyedrica* (Ercegović) Komárek et Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Gloeocapsopsis* sp. 1 Australia |  |  |  |  |  |  |  | 14 |
| *Gloeocystis polydermatica* (Kützing) Hindák |  |  |  |  |  |  |  | 14 |
| *Gloeothece fusco-lutea* Nägeli |  |  |  |  |  |  |  | 14 |
| *Gloeothece linearis* Nägeli |  |  |  |  |  |  |  | 14 |
| *Gloeothece* sp. 1 |  |  |  |  |  |  |  | 14 |
| *Hapalosiphon welwitschii* W. et G.S. West |  |  |  |  |  |  |  | 14 |
| *Hassallia brevis* Gardner |  |  |  |  |  |  |  | 14 |
| *Jaaginema geminatum* (Meneghini ex Gomont) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Katagnymene accurata* Geitler |  |  |  |  |  |  |  | 14 |
| *Katagnymene* sp. 1 |  |  |  |  |  |  |  | 14 |
| *Komvophoron schmidlei* (Jaag) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Leptolyngbya compacta* (Kützing ex Hansgirg) Komárek in Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Leptolyngbya edaphica* (Hollerbach ex Elenkin) Anagnostidis et Komárek in Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Leptolyngbya fragilis* (Gomont) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Leptolyngbya frigida* (Fritsch) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Leptolyngbya mucosa* (Gardner) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Leptolyngbya notata* (Schmidle) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Leptolyngbya nostocorum* (Bornet ex Gomont) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Leptolyngbya schmidlei* (Limanowska) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Leptolyngbya subtilis* (W. West) Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Leptolyngbya subtilissima* (Kützing ex Hansgirg) Komárek in Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Leptolyngbya* sp. 1 |  |  |  |  |  |  |  | 14 |
| *Limnothrix vacuolifera* (Skuja) Komárek et al. |  |  |  |  |  |  |  | 14 |
| *Lyngbya arboricola* Brühl et Biswas |  |  |  |  |  |  |  | 14 |
| *Lyngbya fritschii* Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Lyngbya maior* Meneghini ex Gomont |  |  |  |  |  |  |  | 14 |
| *Lygbya majuscula* Harvey ex Gomont |  |  |  |  |  |  |  | 14 |
| *Lyngbya palmarum* (Martens) Brühl et Biswas |  |  |  |  |  |  |  | 14 |
| *Lyngbya* sp. 1 |  |  |  |  |  |  |  | 14 |
| *Lyngbya* sp. Venezuela |  |  |  |  |  |  |  | 14 |
| *Microchaete tenera* Thuret ex Bornet et Flahault |  |  |  |  |  |  |  | 14 |
| *Microcoleus* cf. *amplus* Gardner |  |  |  |  |  |  |  | 14 |
| *Microcoleus subtorulosus* Gomont ex Gomont |  |  |  |  |  |  |  | 14 |
| *Microcoleus steenstrupii* (Boye-Petersen) Geitler |  |  |  |  |  |  |  | 14 |
| *Microcoleus* sp. 1 |  |  |  |  |  |  |  | 14 |
| *Microcoleus* sp. 1 Australia |  |  |  |  |  |  |  | 14 |
| *Myxosarcina minuta* Vogel |  |  |  |  |  |  |  | 14 |
| *Myxosarcina* sp. Israel |  |  |  |  |  |  |  | 14 |
| *Nodularia harveyana* Thuret ex Bornet et Flahault |  |  |  |  |  |  |  | 14 |
| *Nodularia spumigena* Mertens ex Bornet et Flahault |  |  |  |  |  |  |  | 14 |
| *Nodularia* sp. Venezuela |  |  |  |  |  |  |  | 14 |
| *Nostoc carneum* Agardh ex Bornet et Flahault |  |  |  |  |  |  |  | 14 |
| *Nostoc caeruleum* Lyngbye ex Bornet et Flahault |  |  |  |  |  |  |  | 14 |
| *Nostoc edaphicum* Kondrateva |  |  |  |  |  |  |  | 14 |
| *Nostoc ellipsosporum* Rabenhorst ex Bornet et Flahault |  |  |  |  |  |  |  | 14 |
| *Nostoc gelatinosum* Schousboe ex Bornet et Flahault |  |  |  |  |  |  |  | 14 |
| *Nostoc paludosum* Kützing ex Bornet et Flahault |  |  |  |  |  |  |  | 14 |
| *Nostoc sphaericum* Vaucher ex Bornet et Flahault |  |  |  |  |  |  |  | 14 |
| *Nostoc* sp. 1 Australia |  |  |  |  |  |  |  | 14 |
| *Nostoc* sp. 1 Africa |  |  |  |  |  |  |  | 14 |
| *Oscillatoria* sp. USA Chihuahua |  |  |  |  |  |  |  | 14 |
| *Oscillatoria* sp. Venezuela |  |  |  |  |  |  |  | 14 |
| *Oscillatoria limosa* Agardh ex Gomont |  |  |  |  |  |  |  | 14 |
| *Oscillatoria* cf. *jenensis* Schmid |  |  |  |  |  |  |  | 14 |
| *Oscillatoria obscura* Brühl et Biswas |  |  |  |  |  |  |  | 14 |
| *Oscillatoria ornata* Kützing ex Gomont |  |  |  |  |  |  |  | 14 |
| *Oscillatoria proboscidea* Gomont ex Gomont |  |  |  |  |  |  |  | 14 |
| *Oscillatoria simplicissima* Gomont ex Gomont |  |  |  |  |  |  |  | 14 |
| *Oscillatoria williamsii* Drouet in L.G. Williams |  |  |  |  |  |  |  | 14 |
| *Petalonema crustaceum* Agardh ex Kirchner |  |  |  |  |  |  |  | 14 |
| *Petalonema densum* (A. Braun) ex Migula |  |  |  |  |  |  |  | 14 |
| *Petalonema velutinum* (Rabenhorst) Migula |  |  |  |  |  |  |  | 14 |
| *Phormidium acuminatum* (Gomont) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Phormidium ambiguum* Gomont ex Gomont |  |  |  |  |  |  |  | 14 |
| *Phormidium amoenum* Kützing ex Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Phormidium animale* (Agardh ex Gomont) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Phormidium atenuatum* (Fritsch) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Phormidium autumnale* (Agardh) Trevisan ex Gomont |  |  |  |  |  |  |  | 14 |
| *Phormdium* cf. *caerulescens* (Gicklhorn) Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Phormidium crouanii* Gomont |  |  |  |  |  |  |  | 14 |
| *Phormidium formosum* (Bory ex Gomont) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Phormidium laetevirens* (Crouan ex Gomont) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Phormidium minnesotense* (Tilden) Drouet |  |  |  |  |  |  |  | 14 |
| *Phormidium molle* Gomont |  |  |  |  |  |  |  | 14 |
| *Phormidium* cf. *nigrum* (Vaucher ex Gomont) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Phormidium paulsenianum* Boye-Petersen |  |  |  |  |  |  |  | 14 |
| *Phormdium priestleyi* Fritsch |  |  |  |  |  |  |  | 14 |
| *Phormidium pseudopriestleyi* Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Phormidium retzii* (Agardh) Gomont ex Gomont |  |  |  |  |  |  |  | 14 |
| *Phormidium setchellianum* Gomont |  |  |  |  |  |  |  | 14 |
| *Phormidium unciatum* Gomont ex Gomont |  |  |  |  |  |  |  | 14 |
| *Phormidium vulgare* (Kützing) ex Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Phormidium* sp. 1 Australia |  |  |  |  |  |  |  | 14 |
| *Phormidium* sp. 2 Australia |  |  |  |  |  |  |  | 14 |
| *Phormidium* sp. 3 Australia |  |  |  |  |  |  |  | 14 |
| *Planktothrix agardhii* (Gomont) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Planktothrix cryptovaginata* (Škorbatov) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Plectonema polymorphum* Schwabe |  |  |  |  |  |  |  | 14 |
| *Plectonema puteale* (Kirchner) Hansgirg |  |  |  |  |  |  |  | 14 |
| *Plectonema radiosum* (Schiedermayer) Gomont |  |  |  |  |  |  |  | 14 |
| *Plectonema tomasinianum* Bornet ex Gomont |  |  |  |  |  |  |  | 14 |
| *Plectonema* sp. Venezuela |  |  |  |  |  |  |  | 14 |
| *Pleurocapsa minor* Hansgirg |  |  |  |  |  |  |  | 14 |
| *Porphyrosiphon ceylanicus* (Wille) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Porphyrosiphon fuscus* Gomont ex Frémy |  |  |  |  |  |  |  | 14 |
| *Porphyrosiphon lomniczensis* (Kol.) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Porphyrosiphon* sp. 1 Australia |  |  |  |  |  |  |  | 14 |
| *Porphyrosiphon* sp. Venezuela |  |  |  |  |  |  |  | 14 |
| *Pseudanabaena frigida* (Fritsch) Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Pseudanabaena* cf. *minima* (G.S. An) Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Pseudanbaena starmachii* Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Pseudanabaena spelea* Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Pseudanbaena* cf. *tenuis* Koppe |  |  |  |  |  |  |  | 14 |
| *Pseudocapsa dubia* Ercegović |  |  |  |  |  |  |  | 14 |
| *Pseudophormidium hansgirgii* (Schmidle) Anagnostidis et Komárek |  |  |  |  |  |  |  | 14 |
| *Pseudophormidium hollerbachianum* (Elenkin) Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Schizothrix adunca* Schwabe |  |  |  |  |  |  |  | 14 |
| *Schizothrix atacamensis* Schwabe |  |  |  |  |  |  |  | 14 |
| *Schizothrix californica* Drouet |  |  |  |  |  |  |  | 14 |
| *Schizothrix* cf. *fuscescens* Kützing ex Gomont |  |  |  |  |  |  |  | 14 |
| *Schizothrix kialingensis* Jao |  |  |  |  |  |  |  | 14 |
| *Schizothrix lardacea* Gomont |  |  |  |  |  |  |  | 14 |
| *Schizothrix pallida* (Nägeli) Geitler |  |  |  |  |  |  |  | 14 |
| *Schizothrix parciramosa* (Gardner) Geitler |  |  |  |  |  |  |  | 14 |
| *Schizothrix telephoroides* Gomont |  |  |  |  |  |  |  | 14 |
| *Schizothrix* sp. 1 |  |  |  |  |  |  |  | 14 |
| *Schizothrix* sp. 1 Australia |  |  |  |  |  |  |  | 14 |
| *Schizothrix* sp. 1 Europe |  |  |  |  |  |  |  | 14 |
| *Scytonema chiastum* Geitler |  |  |  |  |  |  |  | 14 |
| *Scytonema hofman-bangii* Agardh ex Bornet et Flahault |  |  |  |  |  |  |  | 14 |
| *Scytonema hyalinum* Gardner |  |  |  |  |  |  |  | 14 |
| *Scytonema mirabile* (Dillwyn) Bornet |  |  |  |  |  |  |  | 14 |
| *Scytonema pascheri* Bharadwaja |  |  |  |  |  |  |  | 14 |
| *Scytonema rivulare* Borzì ex Bornet et Flahault |  |  |  |  |  |  |  | 14 |
| *Scytonema varium* Kützing ex Bornet et Flahault |  |  |  |  |  |  |  | 14 |
| *Scytonema* sp. 1 Australia |  |  |  |  |  |  |  | 14 |
| *Scytonema* sp. Venezuela |  |  |  |  |  |  |  | 14 |
| *Spirirestis rafaelensis* Flechtner et Johansen in Flechtner et al. |  |  |  |  |  |  |  | 14 |
| *Symploca atlantica* Gomont |  |  |  |  |  |  |  | 14 |
| *Symploca dubia* Gomont ex Gomont |  |  |  |  |  |  |  | 14 |
| *Symploca parietina* Gomont ex Gomont |  |  |  |  |  |  |  | 14 |
| *Symploca* sp. |  |  |  |  |  |  |  | 14 |
| *Symploca* sp. 1 Australia |  |  |  |  |  |  |  | 14 |
| *Symplocastrum purpurascens* (Gomont ex Gomont) Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Symplocastrum* sp. 1 Australia |  |  |  |  |  |  |  | 14 |
| *Stanieria* cf. *cyanosphaera* (Komárek et Hindák) Komárek et Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Stigonema* sp. Venezuela |  |  |  |  |  |  |  | 14 |
| *Stigonema aerugineum* Tilden |  |  |  |  |  |  |  | 14 |
| *Stigonema hormoides* Bornet et Flahault |  |  |  |  |  |  |  | 14 |
| *Stigonema minutissimum* Borzì |  |  |  |  |  |  |  | 14 |
| *Stigonema tomentosum* (Kützing) Hieronymus |  |  |  |  |  |  |  | 14 |
| *Stigonema turfaceum* Cooke ex Bornet et Flahault |  |  |  |  |  |  |  | 14 |
| *Stigonema* sp. 1 |  |  |  |  |  |  |  | 14 |
| *Synechococcus elongatus* (Nägeli) Nägeli |  |  |  |  |  |  |  | 14 |
| *Synechococcus* sp. 1 |  |  |  |  |  |  |  | 14 |
| *Synechocystis pevalekii* Ercegović |  |  |  |  |  |  |  | 14 |
| *Synechococcus sigmoideus* (Moore et Carter) Komárek |  |  |  |  |  |  |  | 14 |
| *Synechocystis* sp. 1 |  |  |  |  |  |  |  | 14 |
| *Tolypothrix epilithica* (Ercegović) Geitler |  |  |  |  |  |  |  | 14 |
| *Tolypothrix fasciculata* Gomont |  |  |  |  |  |  |  | 14 |
| *Tolypothrix fragilis* (Gardner) Geitler |  |  |  |  |  |  |  | 14 |
| *Tolypothrix nodosa* Bharadwaya |  |  |  |  |  |  |  | 14 |
| *Tolypothrix rechingerii* (Wille) Geitler |  |  |  |  |  |  |  | 14 |
| *Tolypothrix robusta* Gardner |  |  |  |  |  |  |  | 14 |
| *Tolypothrix* sp. 1 |  |  |  |  |  |  |  | 14 |
| *Tolypothrix* sp. 1 South Africa |  |  |  |  |  |  |  | 14 |
| *Trichocoleus* cf. *delicatulus* (W. et G.S. West) Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Trichocoleus tenerrimus* (Gomont) Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Trichormus doliolum* (Bharadwaja) Komárek et Anagnostidis |  |  |  |  |  |  |  | 14 |
| *Tychonema* sp. Africa |  |  |  |  |  |  |  | 14 |
| *Westiellopsis prolifica* Janet |  |  |  |  |  |  |  | 14 |
| *Xenococcus* sp. 1 Africa |  |  |  |  |  |  |  | 14 |
| *Xenotholos kerneri* (Hansgirg) Gold-Morgan, Montejano et Komárek |  |  |  |  |  |  |  | 14 |
| **Sum of all species per continent:** | **62** | **53** | **40** | **83** | **58** | **82** | **65** |  |