

Cawthron Institute Culture Collection of Microalgae (CICCM)

Current list of species

April, 2026

Curators: Sarah Challenger, Krystyna Ponikla

www.cawthron.org.nz



Cawthron Institute Culture Collection of Micro-algae (CICCM)

Contacts:

Sarah Challenger

Curator

Culture Collection of Micro-algae (CICCM)

sarah.challenger@cawthron.org.nz

Krystyna Ponikla

Curator

Culture Collection of Micro-algae (CICCM)

krystyna.ponikla@cawthron.org.nz

Dr Lesley Rhodes

Research Scientist

Nationally Significant CICCM Programme

Marine Algae

lesley.rhodes@cawthron.org.nz

Dr Kirsty Smith

Research Scientist

Nationally Significant CICCM Programme

Marine Algae

kirsty.smith@cawthron.org.nz

Cawthron Institute

98 Halifax Street East,

Private Bag 2,

Nelson 7042

New Zealand

Website: www.cawthron.org.nz/ciccm/

Phone: (+64) 03 548 2319



Important notes:

- 1. Not all strains may be available at any particular time. If live cultures are embargoed for a period of time purchase of DNA or toxin extracts may be arranged.*
 - 2. Cawthron Institute requires that a Biological Material Agreement, outlining terms and conditions of supply, is accepted on-line before any strain is dispatched.*
 - 3. For strains originating from outside New Zealand permission to share will have to be sought from the source of strain. We will try to help make contact with the original source if client prefers to go directly.*
 - 4. Some strains are cryopreserved only; please refer to 'Comments' column.*
-

CSIRO=Culture collection of microalgae, Hobart, Tasmania

NEPCC=North east Pacific Culture Collection U.B.C. Vancouver, B.C. Canada

CCMP=Provasoli-Guillard Nat. Center for Culture of Marine Phytoplankton, USA

SCCAP=Scandinavian Culture Center for Algae and Protozoa, Denmark

NIES=National Institute for Environmental Studies Collection, Japan



Marine Algae

Phylum/Class	Page
Chlorophyta/Chlorophyceae (green algae)	5
Chlorophyta/Chlorodendrophyceae (green algae)	5
Chlorophyta/Pyramimonadophyceae (green algae)	5
Cryptista/Cryptophyceae	6
Cyanobacteriota/Cyanophyceae (blue-green algae)	7 -8
Dinoflagellata/Dinophyceae	9-33
Haptophyta/Coccolithophyceae=Prymnesiophyceae	34-35
Haptophyta/Pavlovophyceae	36
Haptophyta/Rappephyceae	37
Heterokontophyta/Bacillariophyceae (diatoms)	38-40
Heterokontophyta/Diatom of Unidentified Class	41-42
Heterokontophyta/Dictyochophyceae	43
Heterokontophyta/Raphidophyceae	44-45
Rhodophyta/Porphyridiophyceae (red algae)	46

Freshwater Algae

Phylum/Class	Page
Charophyta/Zygnematophyceae	47
Chlorophyta/Chlorophyceae (green algae)	48
Chlorophyta/Trebouxiophyceae (green algae)	49
Cyanobacteriota/Cyanophyceae (blue-green algae)	50 - 77
Heterokontophyta/Mediophyceae (diatoms)	78
Rhodophyta/Cyanidiophyceae (red algae)	79

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Chlorophyta, Class Chlorophyceae (Green algae)							
<i>Dunaliella tertiolecta</i>	CAWG09		CSIRO	12/02/24	CS-175	F/2	
Phylum Chlorophyta, Class Chlorodendrophyceae (Green algae)							
<i>Tetraselmis chuii</i> **	CAWG01	MPI (formerly MAF)	Mahanga Bay, NZ	1993		GP	Not available
<i>Tetraselmis suecica</i> *	CAWG04	A. Dodson	Brest, France/CSIRO	07/08/03	CS-187	F/2	
Phylum Chlorophyta, Class Pyramimonadophyceae (Green algae)							
<i>Pterosperma cristatum</i>	CAWG11	L. Rhodes	Gulf St. Vincent, South Australia	25/08/25	SA13 flag	K	
<i>Pyramimonas parkeae</i>	CAWG06	L. Rhodes	Kaikoura, NZ	25/05/21	Kai6	F/2	Cryo only
<i>Pyramimonas parkeae</i>	CAWG07	L. Rhodes	CAP aquaculture ponds, NZ	21/01/24	CAP C4	F/2	
<i>Pyramimonas parkeae</i>	CAWG08	L. Rhodes	CAP aquaculture ponds, NZ	21/01/24	CAP C5	F/2	
<i>Pyramimonas propulsa</i>	CAWG05	L. Mackenzie	Opua Bay, Tory Channel, Queen Charlotte Snds. NZ	04/03/19		50% GP	

*Originally in Class Prasinophyceae and coded CAWPr01.

Taxonomy changed and genus *Tetraselmis* moved to Class Chlorodendrophyceae

New code CAWG04 assigned to this strain 25/11/15.

**Purchased as *Chlamydomonas coccooides* (no identification data available at the time of purchase)

DNA sequenced 25/11/15 and identified as *Tetraselmis* sp. Relevant taxonomic changes (Class, Order, Family) updated accordingly. DNA re-sequenced in May 2024 and identified as *Tetraselmis chuii*.

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cryptista, Class Cryptophyceae							
<i>Cryptomonas</i> sp.	CAWCr01	L.Rhodes	Marlborough Sds. NZ	1990		GP	
<i>Rhodomonas</i> sp.	CAWCr02	V. Beuzenberg	Whangakoko Bay, Port Underwood, NZ	06/09/16	#4VB	F2	Cryo only
<i>Rhodomonas</i> sp.	CAWCr03	V. Beuzenberg	Cawthron Aquaculture Park pond, NZ	06/09/16	#8VB	F2	Cryo only
<i>Rhodomonas</i> sp.	CAWCr05	T. Nishimura	Kaikoura Peninsula, Kaikoura, NZ	17/02/22	Kaikoura2	F2/SW	
<i>Rhodomonas</i> sp.	CAWCr06	V. Beuzenberg /L. Rhodes	Cawthron CAP pond, NZ	10/11/23	NF-065	F/2 x 2 ASW	
<i>Teleaulax amphioxeia</i>	CAWCr04		Japan	22/03/18		F/2	Not available

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota, Class Cyanophyceae (Blue-green algae)							
<i>Chroococcus giganteus</i>	CAWBG127	L. Rhodes	Rarotonga, Cook Islands	01/06/20		F/2	Cryo only
<i>Chroococcus cf. giganteus</i>	CAWBG101	L. Rhodes	Rangaunu Harbour, NZ	30/01/09		F/2	Cryo only
<i>Chroococcus cf. giganteus</i>	CAWBG102	L. Rhodes	Rarotonga, Cook Islands	30/01/09		F/2	Cryo only
<i>Chroococcus cf. giganteus</i>	CAWBG109	L. Rhodes	Parengarenga	12/08/10		F/2	Cryo only
<i>Chroococcus cf. giganteus</i>	CAWBG126	L. Rhodes	Roberton Is. Bay of Islands, NZ	04/11/14		F/2	Cryo only
<i>Chroococcus cf. giganteus</i>	CAWBG128	L. Rhodes	Marsden Cove, Northland, NZ	17/08/21	Chroo Marsden	F2 / SW	
<i>Chroococcus cf. turgidus</i>	CAWBG134	L. Rhodes	Waihi, NZ	06/05/25	Chroococcus Waihi	F/2	
<i>Chroococcus sp.</i>	CAWBG110	L. Rhodes	Hawaii, USA	21/02/11		F/2	Cryo only
<i>Chroococcus sp.</i>	CAWBG111	L. Rhodes	Rangaunu Harbour, NZ	21/02/11		F/2	Cryo only
<i>Chroococcus sp.</i>	CAWBG113	L. Rhodes	Hokianga Harbour, NZ	30/08/11		F/2	Cryo only
<i>Cyanoleptonema sp.</i>	CAWBG132	L. Rhodes	Waiheke Is. NZ	06/01/25	Blackpool cy green	F/2	
<i>Leptolyngbya sp.</i>	CAWBG114	J. Wall, L. Rhodes	Hokianga Harbour, NZ	22/09/11		F/2	Cryo only
<i>Leptolyngbya sp.</i>	CAWBG115	J. Wall, L. Rhodes	Hokianga Harbour, NZ	22/09/11		F/2	Cryo only

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota, Class Cyanophyceae (Blue-green algae)							
<i>Leptolyngbya</i> sp.	CAWBG116	J. Wall, L. Rhodes	Hokianga Harbour, NZ	22/09/11		F/2	Cryo only
<i>Leptolyngbya</i> sp.	CAWBG117	J. Wall, L. Rhodes	Hokianga Harbour, NZ	22/09/11		F/2	Cryo only
<i>Leptolyngbya</i> sp.	CAWBG118	J. Wall, L. Rhodes	Hokianga Harbour, NZ	22/09/11		F/2	Cryo only
<i>Leptolyngbya</i> sp.	CAWBG119	J. Wall, L. Rhodes	Hokianga Harbour, NZ	22/09/11		F/2	Cryo only
<i>Leptolyngbya</i> sp.	CAWBG120	J. Wall, L. Rhodes	Hokianga Harbour, NZ	22/09/11		F/2	Cryo only
<i>Leptolyngbya</i> sp.	CAWBG122	J. Wall, L. Rhodes	Hokianga Harbour, NZ	22/09/11		F/2	Cryo only
<i>Leptolyngbya</i> sp.	CAWBG123	J. Wall, L. Rhodes	Hokianga Harbour, NZ	22/09/11		F/2	Cryo only
<i>Oscillatoria</i> sp.	CAWBG106	L. Rhodes	Vairoa -Tahiti, French Polynesia	30/01/09		F/2	Cryo only
<i>Cf. Oscillatoria</i> sp.	CAWBG104	L. Rhodes	Rangaunu Harbour, NZ	12/02/09		F/2	Cryo only
<i>Cf. Oscillatoria</i> sp.	CAWBG107	L. Rhodes	Narrow Neck Beach, Auckland	15/10/09		F/2	Cryo only
<i>Cf. Phormidium</i> sp.	CAWBG108	L. Rhodes	Narrow Neck Beach, Auckland	15/10/09		F/2	Cryo only
<i>Sirenicapillaria</i> sp.	CAWBG130	L. Rhodes	Rangitāhua Kermadec Is. Denham Bay, NZ	12/12/24	Denham 3 Osc	F/2	Growth temp. 25 ±1°C

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Adenoides sinensis</i>	CAWD403	T. Nishimura	Ōkiwi Bay, Waipapa Bay, Kaikōura, NZ	22/09/22	KOkA01Ad	K	
<i>Adenoides sinensis</i>	CAWD404	T. Nishimura	Ōkiwi Bay, Waipapa Bay, Kaikōura, NZ	22/09/22	KOkA04Ad	K	
<i>Akashiwo sanguinea</i>	CAWD01	L. Rhodes	Marlborough Sounds, NZ	1991		50% GP	
<i>Akashiwo sanguinea</i>	CAWD370	L. Rhodes	Akaroa, NZ	25/05/21		F/2	
<i>Alexandrium fraterculus</i>	CAWD52	L. MacKenzie	Coromandel, NZ	20/11/97	#5	L 1	
<i>Alexandrium fraterculus</i>	CAWD97	L. MacKenzie	Coromandel, NZ	22/02/00		L 1	
<i>Alexandrium margalefii</i>	CAWD10	L. MacKenzie	Bream Bay, NZ	1993		GP	
<i>Alexandrium minutum</i>	CAWD11	L. MacKenzie	Anakoha Bay, NZ	Jan.1994		GP	DNA/Toxins only
<i>Alexandrium minutum</i>	CAWD12	L. MacKenzie	Anakoha Bay, NZ	Jan.1994		GP	DNA/Toxins only
<i>Alexandrium minutum</i>	CAWD273	Mihriban Ozen	Camalti Saltern, Izmir, Turkey	19/02/18	AQUAMEB-41	GP	Not available

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Alexandrium ostenfeldii</i>	CAWD401	T. Nishimura	Akaroa, NZ	22/09/22	CAO02A	K	
<i>Alexandrium ostenfeldii</i>	CAWD402	T. Nishimura	Akaroa, NZ	22/09/22	CAO04A	K	
<i>Alexandrium pacificum</i>	CAWD44	L. MacKenzie	Tauranga, NZ	20/11/97	#2	GP	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD45	L. MacKenzie	Tauranga, NZ	20/11/97	#18	GP	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD46	L. MacKenzie	Tauranga, NZ	20/11/97	#20	L1	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD47	L. MacKenzie	Tauranga, NZ	20/11/97	#22	GP	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD49	L. MacKenzie	Te Kaha, NZ	20/11/97	#3	K	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD50	L. MacKenzie	Te Kaha, NZ	20/11/97	#11	K	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD121	L. MacKenzie	Marsden Point, NZ	20/02/02		GP	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD234	L. MacKenzie	Opua Bay, Marl. Snds, NZ	08/06/15	Isolate 1	GP	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD234_152	CNC	Originally from Opua Bay, Marl. Snds, NZ	09/01/2020	CAWD234 CR no. 152	CNC ASW/L1	DNA/Toxins only

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Alexandrium pacificum</i>	CAWD235	L. MacKenzie	Opuia Bay, Marl. Snds, NZ	08/0/15	Isolate 4	GP	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD260	L. Rhodes	Whangakoko, NZ	24/04/17	Alx pac a	F/2	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD261	L. Rhodes	Whangakoko, NZ	15/05/17	Alx pac c	F/2	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD262	L. Rhodes	Whangakoko, NZ	15/05/17	Alx pac d	F/2	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD290	L. MacKenzie	Manukau Hrb. NZ	04/03/19	Strain 1A	GP	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD291	L. MacKenzie	Manukau Hrb. NZ	04/03/19	Strain 3C	GP	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD314	Muharrem Balci	Nydia Bay, NZ	11/11/19	Alx-2	F/2	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD315	Muharrem Balci	Nydia Bay, NZ	11/11/19	Alx-3	IMK/2	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD316	Muharrem Balci	Nydia Bay, NZ	11/11/19	Alx-5	F/2	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD317	Muharrem Balci	Nydia Bay, NZ	11/11/19	Alx-6	IMK/2	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD318	Muharrem Balci	Nydia Bay, NZ	11/11/19	Alx-7	F/2	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD319	Muharrem Balci	Nydia Bay, NZ	11/11/19	Alx-8	GP	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD320	Muharrem Balci	Nydia Bay, NZ	11/11/19	Alx-9	F/2	DNA/Toxins only

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Alexandrium pacificum</i>	CAWD321	Muharrem Balci	Nydia Bay, NZ	11/11/19	Alx-10	F/2	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD322	Muharrem Balci	Nydia Bay, NZ	11/11/19	Alx-11	F/2	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD323	Muharrem Balci	Nydia Bay, NZ	11/11/19	Alx-13	F/2	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD324	Muharrem Balci	Nydia Bay, NZ	11/11/19	Alx-14	GP	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD325	Muharrem Balci	Nydia Bay, NZ	11/11/19	Alx-16	F/2	DNA/Toxins only
<i>Alexandrium pacificum</i>	CAWD326	Muharrem Balci	Nydia Bay, NZ	11/11/19	Alx-18	GP	DNA/Toxins only
<i>Alexandrium pseudogonyaulax</i>	CAWD54	L. MacKenzie	Tamaki Strait, NZ	20/11/97		L 1	
<i>Alexandrium pseudogonyaulax</i>	CAWD138	K. Ayres	Kerikeri, NZ	28/06/05		L 1	
<i>Alexandrium tamarense</i>	CAWD20	I. Adams	Tamar Estuary, Plymouth, UK	Aug.1993	Plymouth 173a (K 0049)	L 1	Not available
<i>Alexandrium</i> sp. type 2	CAWD450	L. Rhodes	Rarotonga, Cook Is.	29/07/23	TitiPV	F2 / SW 1:	
<i>Amphidinium carterae</i>	CAWD22	L. Rhodes	Wellington Harbour, NZ	1993		GP	Cryo only
<i>Amphidinium carterae</i>	CAWD23	L. Rhodes	Marlborough Sounds, NZ	1991		GP	Cryo only

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Amphidinium carterae</i>	CAWD24	R.Jowett	Bay of Naples, Italy	May 1990	Plym450 also CS-212	GP	
<i>Amphidinium carterae</i>	CAWD57	L. Rhodes	Kauauora, NZ	Oct.1997		GP	Cryo only
<i>Amphidinium carterae</i>	CAWD152	L. Rhodes	Rarotonga, Cook Is.	30/01/08		F/2	Cryo only Availability negotiable
<i>Amphidinium massartii</i>	CAWD156	L. Rhodes	Rangaunu Harbour, NZ	29/09/08	Strain 18	F/2	Cryo only
<i>Amphidinium massartii</i>	CAWD231	L. Rhodes	Rarotonga, Cook Is.	17/02/15	Queens Rep Site 5	F/2	
<i>Amphidinium massartii</i>	CAWD284	L. Rhodes	Micronesia, Pohnpei	26/11/18	C2 spiral Amphidinium	F/2	
<i>Amphidinium massartii</i>	CAWD377	L. Rhodes	Kermadec Is. Group, Raoul Is. NZ	24/02.22	#10 Kerm Amph	F/2	
<i>Amphidinium massartii</i>	CAWD470	L. Rhodes	Rangitahua, Kermadec Is. NZ	02/12/24	Denham 5 Amph	F/2	
<i>Amphidinium cf. massartii</i>	CAWD132	L. Rhodes	Whangaroa Harbour, NZ	13/10/04		GP	Cryo only
<i>Amphidinium cf. mootonorum</i>	CAWD161	L. Rhodes	Rangaunu Harbour, NZ	16/02/09	Strain 13	L 1	
aff. <i>Amphidinium mootonorum</i>	CAWD280	T. Nishimura	Limestone Bay, Pohara, NZ	04/10/18	TPL09Te	Metalsmix SW II	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>aff. Amphidinium mootonorum</i>	CAWD405	T. Nishimura	Limestone Bay, Pohara, Tasman Region, NZ	22/09/22	TPL10Te	SW II or L1	
<i>Amphidinium operculatum</i>	CAWD297	L. Rhodes	Niue, Avatele Beach	12/03/19		F/2	
<i>Amphidinium thermaeum</i>	CAWD265	L. Rhodes	Rarotonga, Cook Is.	04/07/17	Strain YB4	F/2	
<i>Amphidinium thermaeum</i>	CAWD375	L. Rhodes	Marsden Cove, Whangarei, NZ	08/11/21	Amph. q	F/2	
<i>Amphidinium thermaeum</i>	CAWD376	L. Rhodes	Marsden Cove, Whangarei, NZ	08/11/21	Amph. b	F/2	
<i>Amphidinium cf. tomasii</i>	CAWD162	L. Rhodes	Cook Islands	15/07/09		F/2 /SW	Availability negotiable
<i>Amphidinium trulla</i>	CAWD68	W. Gibbs	Rangaunu, NZ	1995		GP	Live + cryo
<i>Amphidinium sp.</i>	CAWD160	L. Rhodes	Vairoa –Tahiti, French Polynesia	16/02/09		F/2	
<i>Azadinium dalianense</i>	CAWD307	Muharrem Balci	Coromandel, NZ	1993		GP	
<i>Biecheleria sp.</i>	CAWD76	L. Mackenzie	Wedge Point, NZ	26/04/19		F/2	
<i>Biecheleria sp.</i>	CAWD304	Muharrem Balci	Wedge Point, NZ	26/04/19		F/2	
<i>Biecheleriopsis adriatica</i>	CAWD278	J. Steynen	Hallam Cove Marlborough Snds. NZ	20/08/18		F/2	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Bindiferia boggaya</i>	CAWD164	L. Rhodes	Rangaunu Hrb. NZ	16/06/09		F/2	
<i>Breviolum minutum</i>	CAWD462	S. R. Santos	Long Key, USA	28/05/24	FIAp2	F/2	Cryo only
<i>Breviolum</i> sp.	CAWD197	Mary-Alice Coffroth,	Florida Keys, Tennessee Reef, USA	28/02/12	D2556 Strain D1a	F/2 /L1	Not available
<i>Bysmatrum</i> sp.	CAWD292	L. MacKenzie	Rangaunu Hrb, NZ	04/03/19	Strain 1	50% GP	
<i>Bysmatrum</i> sp.	CAWD293	L. MacKenzie	Rangaunu Hrb, NZ	04/03/19	Strain 3	50% GP	
<i>Cladocopium</i> sp.	CAWD196	Bob Kinzie, Uni of Hawaii	Great Barrier Reef, Australia.	28/02/12	Strain C1	F/2 /L1	Not available
<i>Coolia canariensis</i>	CAWD305	Tomohiro Nishimura	Cable Bay, NZ	20/05/19	NCaA41C	IMK/2 or K	
<i>Coolia canariensis</i>	CAWD386	L. Rhodes	Raoul Island, Kermadec Islands Group, NZ	19/04/22	#12 Alx	F/2	
<i>Coolia canariensis</i>	CAWD387	L. Rhodes	Raoul Island, Kermadec Islands Group, NZ	19/04/22	#12 Alx zii	F/2	
<i>Coolia canariensis</i>	CAWD412	T. Nishimura	Cable Bay, NZ	22/09/22	NCaB28C	K	
<i>Coolia malayensis</i>	CAWD77	L. Rhodes	Rangiputa, NZ	07/09/98		F/2	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Coolia malayensis</i>	CAWD98	L. Rhodes	Glenhaven, NZ	Dec.1999		F/2	
<i>Coolia malayensis</i>	CAWD151	L. Rhodes	Rarotonga, Cook Is.	30/01/08		F/2	
<i>Coolia malayensis</i>	CAWD154	L. Rhodes	Rangaunu Harbour, NZ	25/08/08		F/2	
<i>Coolia malayensis</i>	CAWD175	L. Rhodes	Rangaunu Harbour, NZ	22/09/09		F/2	
<i>Coolia malayensis</i>	CAWD214	L. Rhodes	Bay of Islands, Northland, NZ	31/10/13		F/2	
<i>Coolia malayensis</i>	CAWD285	L. Rhodes	Boat Cove, Kermadec Islands Group, NZ	26/11/18	19 Coolia Z	F2 / SW 1:3	
<i>Coolia malayensis</i>	CAWD350	T. Nishimura	Golden Bay Wharf, Oban, Stewart Island, NZ	17/08/20	SSG03C	IMK/2	
<i>Coolia malayensis</i>	CAWD413	T. Nishimura	Waikawa Bay, Marlborough, NZ	22/09/22	MWW23C	K	DNA only
<i>Coolia malayensis</i>	CAWD414	T. Nishimura	Kermadec Is. Group Denham Bay, Raoul Is. NZ	22/09/22	KID4C01	K	DNA only
<i>Coolia malayensis</i>	CAWD415	T. Nishimura	Kermadec Is. Group Denham Bay, Raoul Is. NZ	22/09/22	KID13C01, 13 Kerm Ci	K	DNA only
<i>Coolia malayensis</i>	CAWD416	T. Nishimura	Portobello Bay, Dunedin, Otago, NZ	22/09/22	OLP01C	K	DNA only
<i>Coolia malayensis</i>	CAWD417	T. Nishimura	Kareys Bay, Dunedin, Otago, NZ	22/09/22	OKar22C	K	DNA only
<i>Coolia malayensis</i>	CAWD418	T. Nishimura	Golden Bay Wharf, Oban, Stewart Is. NZ	22/09/22	SSG4C	K	DNA only

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Coolia monotis</i>	CAWD60	I. Bravo	Ria de Vigo, Spain	1997		F/2	Not available
<i>Coolia monotis</i>	CAWD419	T. Nishimura	Waikawa Bay, Marlborough, NZ	22/09/22	MWW25C	K	DNA only
<i>Coolia palmyrensis</i>	CAWD366	M. Larsson	Australia, East Australian Current	03/11/20	UTSR7	K	
<i>Coolia palmyrensis (malayensis)</i>	CAWD385	L. Rhodes	Kermadec Is. Group, Raoul Is. NZ	19/04/22	#6 Coolia	F/2	Species name to be confirmed
<i>Coolia tropicalis</i>	CAWD365	M. Larsson	Heron Is. Lagoon, Australia	03/11/20	UTSHI2D4	K	
<i>Coolia tropicalis</i>	CAWD384	L. Rhodes	Kermadec Is. Group, Raoul Is. NZ	18/06/22	#2 Cool lge	F/2	
<i>Durusdinium trenchii</i>	CAWD463	S. R. Santos	Sesoko Jima, Japan	28/05/24	Ap2	F/2	Cryo only
<i>Fukuyoa paulensis</i>	CAWD306	L. Rhodes	Te Uenga, Northland, NZ	16/07/19	G TeU	F2 / SW 1:3	
<i>Gambierdiscus australes</i>	CAWD149	L. Rhodes	Rarotonga, Cook Is.	30/01/08	Strain G	F/2	DNA only
<i>Gambierdiscus australes</i>	CAWD187	L. Rhodes	Hawaii, USA	13/09/10		F/2 /SW	
<i>Gambierdiscus australes</i>	CAWD246	L. Rhodes	Kermadec Is. Group, NZ	18/07/16	#5-n	F2 / SW 1:3	DNA only
<i>Gambierdiscus australes</i>	CAWD253	P. Argyle	Kingdom of Tonga	05/12/16	KL3Y	F2 / SW 1:3	DNA only

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Gambierdiscus australes</i>	CAWD256	L. Rhodes	Kermadec Is. Group, Macauley Is. NZ	28/03/17	Mac#3c	F2 / SW 1:3	DNA only
<i>Gambierdiscus australes</i>	CAWD381	L. Rhodes	Kermadec Is. Group, Raoul Is. NZ	12/03/22	#14 Gh	F/2 /SW 1 : 3	DNA only
<i>Gambierdiscus australes</i>	CAWD428	T. Nishimura	Kutsu, Susaki, Kochi, Japan Reg: 22-032	22/09/22	NIES-4119, S080911_1	IMK/2	Not available
<i>Gambierdiscus australes</i>	CAWD445	L. Rhodes	Rarotonga, Cook Is.	13/03/23	QRHG2	F/2 /SW 1 : 3	
<i>Gambierdiscus carpenteri</i>	CAWD237	M. Larsson	Australia	30/07/15	UTSMER9A3	K	
<i>Gambierdiscus carpenteri</i>	CAWD364	M. Larsson	Heron Is. Lagoon, Australia	03/11/20	UTSHI2C4	K	
<i>Gambierdiscus cheloniae</i>	CAWD232	L. Rhodes	Rarotonga, Cook Is.	17/02/15	S 8 Spiky a	F/2 /SW 1 : 2	DNA only
<i>Gambierdiscus cheloniae</i>	CAWD236	L. Rhodes	Rarotonga, Cook Is.	29/07/15	S 7 Pi	F/2 /SW 1 : 2	DNA only
<i>Gambierdiscus honu</i>	CAWD233	L. Rhodes	Rarotonga, Cook Is.	06/05/15 & 21/07/22	S8Pa	F/2 /SW 1 : 2	DNA only
<i>Gambierdiscus honu</i>	CAWD242	L. Rhodes	Kermadec Is. Group, NZ	12/04/16	CB-d	F/2 /SW 1 : 2	DNA only
<i>Gambierdiscus honu</i>	CAWD250	L. Rhodes	Kolonga, Tongatapu, Kingdom of Tonga	11/10/16	Gamb.KL1 Ga	F/2 /SW 1 : 2	DNA only
<i>Gambierdiscus honu</i>	CAWD309	L. Rhodes	Micronesia, Pohnpei	23/09/19	G 1	F/2 /SW 1 : 3	DNA only

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Gambierdiscus honu</i>	CAWD310	L. Rhodes	Micronesia, Pohnpei	07/10/19	G 2	F/2 /SW 1 : 3	
<i>Gambierdiscus lapillus</i>	CAWD330	L. Rhodes	Rarotonga, Cook Is.	01/06/2020	G1	F/2 /SW 1 : 3	DNA only
<i>Gambierdiscus lapillus</i>	CAWD331	L. Rhodes	Rarotonga, Cook Is.	01/06/2020	G10	F/2 /SW 1 : 3	DNA only
<i>Gambierdiscus lapillus</i>	CAWD332	L. Rhodes	Rarotonga, Cook Is.	01/06/2020	Q	F/2 /SW 1 : 3	DNA only
<i>Gambierdiscus lapillus</i>	CAWD335	L. Rhodes	Rarotonga, Cook Is.	01/06/2020	G11	F/2 /SW 1 : 3	DNA only
<i>Gambierdiscus lapillus</i>	CAWD451	L. Rhodes	Aitutaki, Cook Is.	24/07/23	Aitutaki x	F/2 /SW 1 : 3	
<i>Gambierdiscus lewisii</i>	CAWD369	M. Larsson	Heron Is. Lagoon, Australia	03/11/20	UTSHI6A6	K	
<i>Gambierdiscus pacificus</i>	CAWD213	L. Rhodes	Cook Islands	23/01/14	Strain CI 15	F/2 /SW 1 : 3	DNA only
<i>Gambierdiscus pacificus</i>	CAWD252	P. Argyle	Kingdom of Tonga	05/12/16	Fafa Line 2 ix	F/2 /SW 1 : 3	DNA only
<i>Gambierdiscus pacificus</i>	CAWD449	L. Rhodes	Muri Lagoon, Rorotonga Cook Is.	29/07/23	MPG17	F/2 /SW 1 : 3	
<i>Gambierdiscus polynesiensis</i>	CAWD212	L. Rhodes	Cook Islands	23/01/14	Strain CI 6	F/2 /SW 1 : 3	DNA only
<i>Gambierdiscus polynesiensis</i>	CAWD267	L. Rhodes	Rarotonga, Cook Is.	28/08/17	Strain MG#1-17	F/2 /SW 1 : 3	DNA only

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Gambierdiscus polynesiensis</i>	CAWD378	L. Rhodes	Kermadec Is. Group, Raoul Is. NZ	12/03/22	#1 G28	F/2	DNA only
<i>Gonyaulax fragilis</i>	CAWD100	L. MacKenzie	Tasman Bay, NZ	17/01/01		GP	
<i>Gonyaulax</i> sp.	CAWD141	L. Rhodes	Wilson's Bay, NZ	10/11/05		F/2	
<i>Gymnodinium aureolum</i>	CAWD59	A. Haywood	Leigh, NZ	Dec.1994	Isolate 04	50% GP	
<i>Gymnodinium aureolum</i>	CAWD87	A. Haywood	Coromandel NZ	Dec.1994	Isolate 08	50% GP	
<i>Gymnodinium aureolum</i>	CAWD116	J. Adamson	Melville Cove, NZ	10/10/01		GP	
<i>Gymnodinium catenatum</i>	CAWD102	L. MacKenzie	Kaitaia spat, NZ	17/01/01	Gc-KSC-2	L 1	DNA/Toxins only
<i>Gymnodinium catenatum</i>	CAWD126	L. MacKenzie	Huia Bank, Man. Harbour, NZ	31/06/04	HB#6	GP	DNA/Toxins only
<i>Gymnodinium dorsalisulcum</i>	CAWD225	L. Rhodes	Bay of Island, Roberton Is. NZ	21/07/14		F/2	
<i>Gymnodinium impudicum</i>	CAWD140	J. Adamson	Wilson's Bay, NZ	28/06/05		50% GP	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Gymnodinium instriatum</i>	CAWD300	L. Rhodes	Atata Is. Tonga	15/04/19		F/2 /SW 1 : 3	Availability negotiable
<i>Gymnodinium cf. microreticulatum</i>	CAWD191	L. Rhodes	Whangaparaoa Bay Hauraki Gulf, NZ	20/01/11		K	
<i>Gymnodinium simplex</i>	CAWD86	A. Haywood	Tauranga, NZ	Feb.1995	Isolate 07	50% GP	
<i>Gymnodinium sp.</i>	CAWD71	A. Haywood	NZ,	Prior to or in 1993		50% GP	
<i>Heterocapsa horiguchii</i>	CAWD473	L. Rhodes	Norfolk Is. Australia Quarantine: 25-064	21/07/25	#3 Aza	F/2	Availability negotiable: LR, KS
<i>Heterocapsa niei</i>	CAWD88	A. Haywood	Kerikeri, NZ	Jan.1995	Isolate 13	50% GP	
<i>Heterocapsa steinii</i>	CAWD406	T. Nishimura	Akaroa, NZ	22/09/22	CAk01H	F/2	
<i>Heterocapsa triquetra</i>	CAWD36	L. Rhodes	Akaroa, NZ	1994		GP	
<i>Karenia bidigitata</i>	CAWD80	L. MacKenzie	Fouveau Strait, NZ	1995	Isolate 20	50% GP	
<i>Karenia bidigitata</i>	CAWD81	L. MacKenzie	Fouveau Strait, NZ	1995	Isolate 21	50% GP	
<i>Karenia bidigitata</i>	CAWD92	A. Haywood	Hawkes Bay, NZ	Feb.1995	Isolate 17	50% GP	
<i>Karenia brevis</i>	CAWD04		Florida, USA	1994	Wilson strain	50% GP	Not available

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Karenia brevis</i>	CAWD06		Florida, USA	Jan.1995	Wilson strain	50% GP	Not available
<i>Karenia brevis</i>	CAWD08		Florida, USA	Jan.1995	Wilson strain	50% GP	Not available
<i>Karenia brevis</i>	CAWD122	Dr John E. Rogers	Florida, USA	08/11/02	EPA-JR strain	L 1 & L 1 modified	Availability negotiable
<i>Karenia brevisulcata</i>	CAWD82	L. MacKenzie	Wellington Hrb. NZ	1998		GP	DNA/Toxins only
<i>Karenia longicanalis</i> (syn: <i>Karenia umbella</i>)	CAWD457	Kirsty Smith	Akaroa Harbour, NZ	19/02/24	Akaroa 1	50% GP	
<i>Karenia mikimotoi</i>	CAWD05	T. Ishimaru	Kushimoto, Japan	1987		50% GP	Not available
<i>Karenia mikimotoi</i>	CAWD63	A. Haywood	Waimangu, NZ	1994	Isolate 02	50% GP	
<i>Karenia mikimotoi</i>	CAWD117	J. Adamson	East Bay Marl. Snd. NZ	10/10/01	G-19 Strain 1	50% GP	
<i>Karenia mikimotoi</i>	CAWD133	J. Adamson	Kennedy Bay, NZ	09/11/04		50% GP	
<i>Karenia mikimotoi</i>	CAWD134	J. Adamson	Whangaporaoa, NZ	09/11/04		50% GP	
<i>Karenia mikimotoi</i>	CAWD192	L. Rhodes	Ruakaka, NZ	16/11/11	Strain 1	50% GP	
<i>Karenia papilionacea</i>	CAWD91	A. Haywood	Hawkes Bay, NZ	Feb.1995	Isolate 16	50% GP	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Karenia selliformis</i>	CAWD79	L. MacKenzie	Fouveau Strait, NZ	1994	Isolate 11	GP	DNA/Toxins only
<i>Karlodinium veneficum</i>	CAWD84	A. Haywood	Kawau Is. NZ	Dec.1994	Isolate 05	50% GP	
<i>Karlodinium veneficum</i>	CAWD93	L. MacKenzie	Ponui Is. NZ	1995	Isolate 19	50% GP	
<i>Karlodinium veneficum</i>	CAWD475	L. Rhodes	Gulf St. Vincent, South Australia Reg:25-063	09/10/25	SA5b	K	Available but Check with Shauna Murray
<i>Lepidodinium chlorophorum</i>	CAWD62	L. MacKenzie	Ruakaka Bay, NZ	1993	Isolate 10	50% GP	
<i>Lingulodinium polyedrum</i>	CAWD240	L. Rhodes	Coromandel, NZ	13/10/15		K	
<i>Ostreopsis lenticularis</i>	CAWD447	L. Rhodes	Rarotonga, Cook Is.	15/05/23	Outer Reef 10m Ost. lge	F/2 /SW 1 : 3	
<i>Ostreopsis cf. ovata</i>	CAWD269	L. Rhodes	Rarotonga, Cook Is.	19/09/17	Y B5 G8	F/2 /SW 1 : 3	DNA only
<i>Ostreopsis cf. ovata</i>	CAWD288	L. Rhodes	Micronesia, Pohnpei	29/01/19		F/2 /SW 1 : 3	DNA only
<i>Ostreopsis rhodesiae</i>	CAWD257	Ariun Verma	Heron Reef, Queensland, Australia	28/03/17	Her 26	F/2 /SW 1 : 3	Availability negotiable
<i>Ostreopsis cf. siamensis</i>	CAWD208	L. Rhodes	Tapeka Point, NZ	11/06/13		F/2 /SW	DNA only

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Ostreopsis cf. siamensis</i>	CAWD372	L. Rhodes	Marsden Cove, Northland, NZ	09/08/21	Ost ii Marsden 3	F/2 /SW 1 : 3	DNA only
<i>Ostreopsis cf. siamensis</i>	CAWD472	L. Rhodes	Great Mercury Island, NZ	21/07/25	Eck 2	F/2 /SW 1 : 3 ratio	
<i>Ostreopsis tairoto</i>	CAWD383	L. Rhodes	Kermadec Is. Group, Raoul Is. NZ	26/03/22	Strain #11 Ost C	F/2 /SW 1 : 3	DNA only
<i>Ostreopsis</i> sp. 3	CAWD287	L. Rhodes	Niue, Avatele Beach	29/01/19		F/2 /SW 1 : 3	DNA only #3 ref.*
<i>Ostreopsis</i> sp. 3	CAWD311	Muharrem Balci	Niue	30/09/19	Ost.2	F/2 /SW 1 : 3	DNA only #3 ref.*
<i>Ostreopsis</i> sp. 3	CAWD312	Muharrem Balci	Niue	30/09/19	Ost.4	F/2 /SW 1 : 3	DNA only #3 ref.*
<i>Pelagodinium bei</i>	CAWD303	Muharrem Balci	Takaka, NZ	26/04/19		F/2	
<i>Pentapharsodinium</i> sp.	CAWD294	L. MacKenzie	Opua Bay, Tory Channel, Queen Charlotte Snds, NZ	04/03/19		F/2	
<i>Polarella glacialis</i>	CAWD397	T. Nishimura	Cape Evans, Antarctica	23/06/22	K4a1	L1-si	

*Ref.: Sato S, Nishimura T, Uehara K, Sakanari H, Tawong W, Hariganeya N, Smith KF, Rhodes L, Yasumoto T, Taira Y, et al. 2011. Phylogeography of *Ostreopsis* along West Pacific Coast, with Special Reference to a Novel Clade from Japan. PLoS ONE.6:e27983-e27983.

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Polarella glacialis</i>	CAWD398	T. Nishimura	Cape Evans, Antarctica	23/06/22	K4a2	L1-si	
<i>Prorocentrum cf. balticum</i>	CAWD38	L. MacKenzie	Taharoa, NZ	1993		GP	
<i>Prorocentrum compressum</i>	CAWD30	L. MacKenzie	Taharoa, NZ	1992		L 1	
<i>Prorocentrum compressum</i>	CAWD31	L. Rhodes	Ninety Mile Beach, NZ	1995		L 1	
<i>Prorocentrum compressum</i>	CAWD146	L. Rhodes	The Bluff, NZ	19/03/07		L 1	
<i>Prorocentrum concavum</i>	CAWD435	L Rhodes	Pohnpei, Micronesia	22/09/22	MPNe11P	K	
<i>Prorocentrum donghaiensis</i>	CAWD471	Felia Wilhelm	Cawthron Aquaculture Park SHARP pond 3, Nelson, NZ	07/07/25	Algae 7	F/2	
<i>Prorocentrum aff. foraminosum</i>	CAWD345	T. Nishimura	Portobello Bay, Otago, South Is. NZ	17/08/20	OLP06P	SWII	DNA only
<i>Prorocentrum aff. foraminosum</i>	CAWD346	T. Nishimura	Kareys Bay, Otago South Is. NZ	17/08/20	OKar07P	SWII	DNA only
<i>Prorocentrum aff. foraminosum</i>	CAWD358	T. Nishimura	Portobello Bay, Otago, South Is. NZ	17/08/20	OLP16P	SWII	DNA only
<i>Prorocentrum cf. fukuyoi</i>	CAWD390	T. Nishimura	Kermadec Is. Group, Raoul Is. NZ	31/05/22	KID1P03	K	DNA only
<i>Prorocentrum cf. fukuyoi</i>	CAWD391	T. Nishimura	Kermadec Is. Group, Raoul Is. NZ	31/05/22	KID2P01	K	DNA only

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Prorocentrum cf. fukuyoi</i>	CAWD422	T. Nishimura	Onuku, Akaroa, Canterbury, NZ	22/09/22	CAO01P	K	DNA only
<i>Prorocentrum cf. fukuyoi</i>	CAWD423	T. Nishimura	Tahunanui Beach, Nelson, NZ	22/09/22	NBT04P, NTA04P	K	DNA only
<i>Prorocentrum cf. fukuyoi</i>	CAWD424	T. Nishimura	Kareys Bay, Dunedin, Otago, NZ	22/09/22	OKar01P	K	DNA only
<i>Prorocentrum cf. fukuyoi</i>	CAWD425	T. Nishimura	Cable Bay, Nelson, NZ	22/09/22	NCaA54P	K	DNA only
<i>Prorocentrum cf. fukuyoi</i>	CAWD426	T. Nishimura	Waikawa Bay, Marlborough, NZ	22/09/22	MWW19P	K	DNA only
<i>Prorocentrum hoffmannianum</i>	CAWD344	T. Nishimura	Avatele, Makaapiapi, Niue	17/08/20	NMA01P	SWII	Not available
<i>Prorocentrum hoffmannianum</i>	CAWD357	T. Nishimura	Avatele, Makaapiapi, Niue	17/08/20	NMA02P	SWII	Not available
<i>Prorocentrum hoffmannianum</i>	CAWD396	T. Nishimura	Kermadec Is. Group, Raoul Is. NZ	31/05/22	KID13P02	K	DNA only
<i>Prorocentrum lima</i>	CAWD32		Spain /NEPCC	1991		F/2	Not available
<i>Prorocentrum lima</i>	CAWD33	L. Rhodes	Rangaunu, NZ	1994		F/2	
<i>Prorocentrum lima</i>	CAWD69	L. Rhodes	Rangiputa, NZ	13/05/98	Rangiputa 1	F/2	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Prorocentrum lima</i>	CAWD70	L. Rhodes	Whatuwhiwhi, NZ	13/05/98		F/2	
<i>Prorocentrum lima</i>	CAWD94	L. Rhodes	Rangiputa, NZ	09/03/99	Rangiputa 2	F/2	
<i>Prorocentrum lima</i>	CAWD95	L. Rhodes	Croisilles Hrb. NZ	09/03/99		F/2	
<i>Prorocentrum lima</i>	CAWD157	L. Rhodes	Rangaunu Hrb. NZ	02/10/08	Strain 27	F/2	
<i>Prorocentrum lima</i>	CAWD176	L. Rhodes	Rangaunu Hrb. NZ	22/09/09	Strain 3	F/2	
<i>Prorocentrum lima</i>	CAWD189	L. Rhodes	Hawaii, USA	13/09/10		F/2 /SW	
<i>Prorocentrum lima</i>	CAWD247	L. Rhodes	Rarotonga, Cook Is.	06/07/16	S6Pod 2	F/2	
<i>Prorocentrum lima</i>	CAWD283	L. Rhodes	Kermadec Is. Group, Raoul Is. NZ	30/10/18	Boat Cove	F2 or SW II	
<i>Prorocentrum lima</i>	CAWD298	Michaela E. Larsson	Merimbula, New South Wales, Australia	29/03/19	UTSMER3C4	F/2	
<i>Prorocentrum lima</i>	CAWD299	Michaela E. Larsson	Heron Island, Queensland, Australia	29/03/19	UTSHI1C5	F/2	
<i>Prorocentrum lima</i>	CAWD339	T. Nishimura	Paihia, Northland Region, NZ	17/08/20	NPaA01P	SWII	DNA only

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Prorocentrum lima</i>	CAWD340	T. Nishimura	Te Uenga Bay, Northland, NZ	17/08/20	NPT02P	SWII	DNA only
<i>Prorocentrum lima</i>	CAWD354	T. Nishimura	Te Uenga Bay, Northland, NZ	17/08/20	NPT12P	SWII	DNA only
<i>Prorocentrum lima</i>	CAWD355	T. Nishimura	Halfmoon Bay, Stewart Is. NZ	17/08/20	SSH07P	SWII	DNA only
<i>Prorocentrum lima</i>	CAWD356	T. Nishimura	Halfmoon Bay, Stewart Is. NZ	17/08/20	SSH11P	SWII	DNA only
<i>Prorocentrum lima</i>	CAWD436	L. Rhodes	Pohnpei, Micronesia	22/09/22	MPC01P	SWII	
<i>Prorocentrum lima</i>	CAWD437	L. Rhodes	Pohnpei, Micronesia	22/09/22	MPNe08P	SWII	
<i>Prorocentrum lima</i>	CAWD452	L. Rhodes	Kermadec Is. Group, Raoul Is. Denham Bay, NZ	07/08/23	KID4P05	SWII K or F/2	
<i>Prorocentrum lima</i>	CAWD453	L. Rhodes	Kermadec Is. Group, Raoul Is. Denham Bay, NZ	07/08/23	KID5P06	SWII K or F/2	
<i>Prorocentrum lima</i>	CAWD454	T. Nishimura	Kaikōura Peninsula, South Bay, Canterbury, NZ	07/08/23	CKS13P	SWII K or F/2	
<i>Prorocentrum lima</i>	CAWD455	T. Nishimura	Kaikōura Peninsula, South Bay, Canterbury, NZ	07/08/23	CKS03P	SWII K or F/2	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Prorocentrum malayense</i>	CAWD158	L. Rhodes	Rangaunu Hrb. NZ	16/02/09	Strain 10	F/2	
<i>Prorocentrum micans</i>	CAWD34	L. Rhodes	Marlb.Sounds, NZ	1995		50% GP	
<i>Prorocentrum micans</i>	CAWD142	L. Rhodes	Wilson's Bay, NZ	11/01/06		L 1	
<i>Prorocentrum minimum</i>	CAWD359	Kate Mc Lennan	Berowra Creek, Hawkesbury River NSW, Australia	31/07/20	P.min HAWK 1	F/2	Not available
<i>Prorocentrum rhathymum</i>	CAWD153	M. de Salas	Port Lincoln, Australia	13/08/08	Strain PRLPL03	50% GP	
<i>Prorocentrum rhathymum</i>	CAWD159	L. Rhodes	Vairoa -Tahiti, French Polynesia	16/02/09		F/2	
<i>Prorocentrum rhathymum</i>	CAWD438	L. Rhodes	Pohnpei, Micronesia	22/09/22	MPNi07P	GP	
<i>Prorocentrum shikokuense</i>	CAWD295	L. MacKenzie	Opu Bay, Tory Channel, Queen Charlotte Snds, NZ	04/03/19		50% GP	
<i>Prorocentrum sigmoides</i>	CAWD120	J. Adamson	Wedge Point, NZ	10/10/01		GP	
<i>Prorocentrum tsawwassenense</i>	CAWD347	T. Nishimura	Halfmoon Bay, Stewart Is. NZ	17/08/20		K	DNA only
<i>Prorocentrum tsawwassenense</i>	CAWD427	T. Nishimura	Cable Bay, Nelson, NZ	22/09/22	NCaAs03P	K	DNA only

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Protoceratium reticulatum</i>	CAWD40	J. Adamson	Wedge Pt. NZ	Nov.1996		GP	
<i>Protoceratium reticulatum</i>	CAWD99	M. de Salas	Dervent Estuary, Australia	09/10/00	UTPRDE#3	GP	
<i>Protoceratium reticulatum</i>	CAWD127	L. Rhodes	Marlborough Snds. NZ	22/07/04		GP	DNA / Toxins only
<i>Protoceratium reticulatum</i>	CAWD129	L. MacKenzie	Westport, NZ	05/10/04	Strain WP1	GP	DNA / Toxins only
<i>Protoceratium reticulatum</i>	CAWD130	L. MacKenzie	Westport, NZ	05/10/04	Strain WP2	GP	DNA / Toxins only
<i>Protoceratium reticulatum</i>	CAWD275	Ebru Ozkan Oktay	Mudanya, Marmara Sea, Turkey	19/02/18	AQUAMEB-48	GP	Availability negotiable
<i>Pseudadenoides kofoidii</i>	CAWD279	T. Nishimura	Limestone Bay, Pohara , Tasman Region, NZ	04/10/18 Re-entry 30/09/19	TPL11Ad	K	
<i>Pseudadenoides kofoidii</i>	CAWD286	T. Nishimura	Limestone Bay, Pohara, Tasman Region, NZ	03/01/19	TPL13Ad	SWII	
<i>Scrippsiella acuminata</i>	CAWD67	M. Atkinson	Hauraki Gulf, NZ	1995		GP	
<i>Scrippsiella donghaiensis</i>	CAWD382	L. Rhodes	Rawhiti, Northland, NZ	13/03/22	whirling gym	F/2	
<i>Scrippsiella</i> sp.	CAWD474	L. Rhodes	Gulf St. Vincent, South Australia Reg:25-063	25/08/25	SA15 Scripp	K	
<i>Spiniferodinium galeiforme</i>	CAWD172	L. Rhodes	Narrow Neck Beach, Auckland, NZ	22/09/09		F/2	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Symbiodinium tridacnidorum</i>	CAWD195	Bob Kinzie Uni of Hawaii	Hawaii, USA	28/02/12	Strain A3	F/2 /L1	Not available
<i>Takayama helix</i>	CAWD128	L.MacKenzie	Tasman Bay, NZ	05/10/04		L 1	
<i>Takayama tasmanica</i>	CAWD115	J. Adamson	Glenhaven, NZ (hatchery)	10/10/01		50% GP	
<i>Thecadinium kofoidii</i>	CAWD352	T. Nishimura	Limestone Bay, Pohara, South Is. NZ	03/07/20	TPL04T	IMK/2	
<i>Thecadinium kofoidii</i>	CAWD407	T. Nishimura	Big Glory Bay, Stewart Island, NZ	22/09/22	SSB01T	K	
<i>Thecadinium pseudokofoidii</i>	CAWD353	T. Nishimura	Waihi Beach, Taranaki Region, NZ	03/07/20	THW02T	IMK/2	
<i>Thecadinium sp.</i>	CAWD281	T. Nishimura	Tahunanui Beach, Nelson, NZ	04/10/18	NTa08T	IMK/2	DNA only
<i>Thecadinium sp.</i>	CAWD408	T. Nishimura	Tahunanui Beach, Nelson, NZ	22/09/22	NBT09T	K	DNA only
<i>Thecadinium sp.</i>	CAWD409	T. Nishimura	Tahunanui Beach, Nelson, NZ	22/09/22	NBT10T	K	DNA only
<i>Togula cf. britannica</i>	CAWD351	T. Nishimura	Portobello Bay, Otago, South Is. NZ	03/07/20	OLP02To	IMK/2	
<i>Togula cf. britannica</i>	CAWD411	T. Nishimura	Cable Bay, Nelson, NZ	22/09/22	NCaAs08To	IMK/2	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Togula jolla</i>	CAWD41	L. Rhodes	Awaroa, NZ	Feb.1997		L 1	
<i>Togula jolla</i>	CAWD58	L. Rhodes	Napier, NZ	May.1998		GP	
<i>Vulcanodinium rugosum</i>	CAWD163	L. Rhodes	Rangaunu Hrb. NZ	06/05/09	Strain 16	K	
<i>Vulcanodinium rugosum</i>	CAWD166	L. Rhodes	Rangaunu Hrb. NZ	16/06/09	Strain 3	K	
<i>Vulcanodinium rugosum</i>	CAWD167	L. Rhodes	Rangaunu Hrb. NZ	06/07/09	Strain 20	K	
<i>Vulcanodinium rugosum</i>	CAWD168	L. Rhodes	Rangaunu Hrb. NZ	06/07/09	Strain N	K	
<i>Vulcanodinium rugosum</i>	CAWD170	L. Rhodes	Rangaunu Hrb. NZ	22/09/09	Strain V	K	
<i>Vulcanodinium rugosum</i>	CAWD171	L. Rhodes	Rangaunu Hrb. NZ	22/09/09	Strain 10	K	
<i>Vulcanodinium rugosum</i>	CAWD178	L. Rhodes	Rangaunu Hrb. NZ	22/09/09	Strain 8	K	
<i>Vulcanodinium rugosum</i>	CAWD180	L. Rhodes	Franklin Hrb. South	24/03/10	Strain 3	K	
<i>Vulcanodinium rugosum</i>	CAWD181	L. Rhodes	Franklin Hrb. South	20/04/10	Strain 3a	K	
<i>Vulcanodinium rugosum</i>	CAWD182	L. Rhodes	Franklin Hrb. South Australia.	20/04/10	Strain 3b	K	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Dinoflagellata, (subphylum Myzozoa), Class Dinophyceae (Dinoflagellates)							
<i>Vulcanodinium rugosum</i>	CAWD188	L. Rhodes	Ishigakijima Is. Okinawa, Japan	07/10/10	Strain 12	K	
<i>Vulcanodinium rugosum</i>	CAWD198		China.	28/02/12		F/2	Availability negotiable
<i>Vulcanodinium rugosum</i>	CAWD289	Elizabeth Nezan	Frontignan, France	14/03/19		F/2 /SW	Not available
<i>Vulcanodinium rugosum</i>	CAWD296	L. MacKenzie	Rangaunu Hrb, NZ	04/03/19		50% GP	
<i>Vulcanodinium sp.</i>	CAWD194	Uni of Hawaii	Hawaii, USA	04/10/11		K	Not available

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Haptophyta							
Class Coccolithophyceae* (= Prymnesiophyceae**)							
<i>Chrysochromulina apheles</i>	CAWP05	L. Rhodes	Pakiri, NZ	1994		GP	
<i>Chrysochromulina camella</i>	CAWP16	L. Rhodes	Ruakaka Bay, NZ	1992		GP	
<i>Chrysochromulina camella</i>	CAWP28	L. Rhodes	Coromandel, NZ	1997		GP	Cryo only
<i>Chrysochromulina simplex</i>	CAWP03	L. Rhodes	Hauraki Gulf, NZ	24/07/98		GP	Cryo only
<i>Chrysochromulina simplex</i>	CAWP20	Othman Bojo	Blueskin Bay, NZ	21/05/98		GP	
<i>Chrysotila dentata</i>	CAWP39	K. Smith	Rangaunu Harbour, NZ	28/02/11		K	
<i>Emiliana huxleyi</i>	CAWP06	L. Rhodes	Big Glory Bay, NZ	1992		GP	Cryo only
<i>Haptolina ericina</i>	CAWP01	B. Burke	Hauraki Gulf, NZ	1994		GP	
<i>Haptolina ericina</i>	CAWP31	L. Rhodes	Coromandel, NZ	10/11/98		GP	
<i>Haptolina hirta</i>	CAWP02	L. Rhodes	Ninety Mile Beach, NZ	1995		GP	Cryo only
<i>Imantonia</i> sp.	CAWP23	Othman Bojo	Blueskin Bay, NZ	21/05/98		F/2	Cryo only

* Ref.: Algaebase <https://www.algaebase.org/search/species/>

**Ref.:WoRMS <https://www.marinespecies.org/>

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Haptophyta							
Class Coccolithophyceae* (= Prymnesiophyceae**)							
<i>Phaeocystis globosa</i>	CAWP32	Othman Bojo	Otago Coast, NZ	07/07/97	strain No. 9	F/2	
<i>Phaeocystis globosa</i>	CAWP34	Othman Bojo	South Current, NZ	14/10/97	strain No. 12	F/2	
<i>Phaeocystis globosa</i>	CAWP35	Othman Bojo	Pelorous Sound, NZ	11/08/98	strain No. 20	F/2	
<i>Phaeocystis cf. pouchetii</i>	CAWP24	Othman Bojo	Tapeka, NZ	21/05/98	strain No. 7	F/2	
<i>Phaeocystis cf. pouchetii</i>	CAWP25	Othman Bojo	Mistake Point, NZ	21/05/98	strain No. 8	F/2	
<i>Prymnesium parvum</i>	CAWP10	T. Christensen	Univ. of Copenhagen	Aug. 1993	K 0081	GP	Not available Cryo only
<i>Prymnesium parvum f. patelliferum</i>	CAWP11	D.J. Hibberd	CSIRO	Prior or in 1993	Plym.527/CS-288	GP	
<i>Prymnesium parvum f. patelliferum</i>	CAWP12	O. Moestrup	Univ. of Copenhagen	Aug. 1993	K 0252	GP	Not available Cryo only
<i>Tisochrysis lutea</i>	CAWP41	K. Haines	Mataivi, Tahiti, French Polynesia	13/06/23	CSIRO (CS-177)	F/2	

* Ref.: Algaebase <https://www.algaebase.org/search/species/>

**Ref.:WoRMS <https://www.marinespecies.org/>

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Haptophyta Class Pavlovophyceae							
<i>Diacronema lutheri</i>	CAWPv01	Not known	Baltic Sea , Finland	13/06/23	CSIRO (CS-182)	F/2	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Haptophyta Class Rappephyceae							
<i>Pavlomulina ranunculiformis</i>	CAWRp21	Othman Bojo	Tapeka, NZ	24/07/98		K	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Heterokontophyta Class Bacillariophyceae (Diatoms)							
<i>Actinocyclus</i> sp.	CAWB161	L. Rhodes	Antarctica, Cape Evans	23/06/22	K1a7	F/2	
<i>Amphora</i> sp.?	CAWB213	Felia Wilhelm	Cawthron Aquaculture Park Lined Pond 1, Nelson, NZ	07/07/2025		F/2	
<i>Asterionellopsis</i> sp.	CAWB215	Kitsty Smith	Northland, NZ	17/01/26	Diatom 1	K/F2	
Cf <i>Attheya</i> sp.	CAWB216	Kirsty Smith	Northland, NZ	17/01/26	Diatom 2	K/F2	
<i>Chaetoceros calcitrans</i>	CAWB184	O. Umebayashi	Urayasu, Japan	13/06/23	CSIRO (CS-178)	F/2	
<i>Chaetoceros muelleri</i>	CAWB183	Not known	Hawaii, USA	13/06/23	CSIRO (CS-176)	F/2	
<i>Corethron</i> sp.	CAWB185	L. Rhodes	Antarctica, McMurdo Sound	12/01/23	Corethron1 K892 Kovak	F/2	DNA / Toxins only
<i>Corethron</i> sp.	CAWB186	L. Rhodes	Antarctica, McMurdo Sound	12/01/23	Corethron2 K892 Kovak	F/2	DNA / Toxins only
<i>Cylindrotheca closterium</i>	CAWB212	Felia Wilhelm	Cawthron Aquaculture Park SHARP Pond 3, Nelson, NZ	07/07/2025		F/2	
<i>Fragilariopsis</i> sp.	CAWB174	L. Rhodes	Antarctica, Cape Evans	23/06/22	K6c34	F/2	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Heterokontophyta Class Bacillariophyceae (Diatoms)							
<i>Guinardia</i> sp.	CAWB165	L. Rhodes	Antarctica, Cape Evans	23/06/22	K1a12	F/2	
<i>Hyalodiscus scoticus</i>	CAWB194	L. Rhodes	Shelley Beach, Waiheke Is. NZ	02/12/24	Mitchell 1 Ole b	F/2	
<i>Navicula</i> sp.	CAWB167	L. Rhodes	Antarctica, Cape Evans	23/06/22	A1a20	F/2	
<i>Nitzschia ovalis</i>	CAWB157	Maestrini(?)	Not known. CCAP/SAMS UK	13/10/21	CCAP1052/12 SMBA305	F/2	Not available
<i>Nitzschia</i> sp.	CAWB159	L. Rhodes	Antarctica	23/06/22	K1a2	F/2	
<i>Nitzschia</i> sp.	CAWB169	L. Rhodes	Antarctica	23/06/22	K6c26	F/2	
<i>Nitzschia</i> sp.	CAWB171	L. Rhodes	Antarctica	23/06/22	K6c28	F/2	
<i>Nitzschia</i> sp.	CAWB173	L. Rhodes	Antarctica	23/06/22	K6c32	F/2	
<i>Nitzschia</i> sp.	CAWB175	L. Rhodes	Antarctica	23/06/22	K1a11	F/2	
<i>cf. Nitzschia</i> sp.	CAWB211	Felia Wilhelm	Cawthron Aquaculture Park SHARP Pond 3, Nelson, NZ	07/07/2025		F/2	
<i>Odontella</i> sp.	CAWB164	L. Rhodes	Antarctica,	23/06/22	K1a11	F/2	
<i>Proboscia cf. alata</i>	CAWB160	L. Rhodes	Antarctica,	23/06/22	K1a4	F/2	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Heterokontophyta Class Bacillariophyceae (Diatoms)							
<i>Proboscia</i> sp.	CAWB163	L. Rhodes	Antarctica,	23/06/22	K1a10	F/2	
<i>Pseudo-nitzschia americana</i>	CAWB138	T. Nishimura	Pukatea Bay, NZ	29/10/20	G018Ps01	F/2	
<i>Pseudo-nitzschia delicatissima</i>	CAWB143	T. Nishimura	Oyster Bay, NZ	29/10/20	G013Ps03	F/2	
<i>Pseudo-nitzschia</i> cf. <i>fraudulenta</i>	CAWB195	S. Challenger	Crail Bay, NZ	15/12/24	Crail Bay Pseudo 2	K/ F/2	
<i>Pseudo-nitzschia galaxiae</i>	CAWB153	T. Nishimura	Kerikeri, NZ	29/01/21	PA014Ps01	F/2	
<i>Pseudo-nitzschia hasleana</i>	CAWB155	T. Nishimura	Big Glory Bay, Stewart Is. NZ	29/01/21	J237Ps05	F/2	
<i>Pseudo-nitzschia hasleana</i>	CAWB192	S. Challenger	Kiwa, NZ	07/06/24	Kiwa 3.3 #9	K/ F/2	
<i>Pseudo-nitzschia pungens</i>	CAWB193	S. Challenger	Kiwa, NZ	07/06/24	Kiwa 27.2 #5	K/ F/2	
<i>Pseudo-nitzschia pungens</i>	CAWB196	S. Challenger	Crail Bay, NZ	15/12/24	Crail Bay Pseudo 4	K/ F/2	
<i>Tabularia</i> sp.	CAWB210	Felia Wilhelm	Cawthron Aquaculture Park SHARP Pond 3, Nelson, NZ	07/07/2025		F/2	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Heterokontophyta Class Bacillariophyceae (Diatoms)							
Unidentified sp. cf. <i>Paralia</i> sp. Centric Diatom	CAWB172	L. Rhodes	Antarctica,	23/06/22	K6c31	F/2	
Unidentified sp. Pennate Diatom	CAWB168	L. Rhodes	Antarctica,	23/06/22	K6c24	F/2	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Heterokontophyta Class - classis incertae sedis (Diatoms)							
<i>Phaeodactylum tricornutum</i>	CAWB126		United Kingdom CSIRO	18/12/17	CSIRO CS-29	F/2	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Heterokontophyta Class Dictyochophyceae							
<i>Pseudochattonella verruculosa</i>	CAWDC02	J. Adamson	Taylor's Mistake, NZ	15/09/03		50 % GP	
<i>Pseudochattonella verruculosa</i>	CAWDC03	L. Rhodes	Ruakaka, NZ	20/10/10		50 % GP	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Heterokontophyta							
Class Raphidophyceae							
<i>Chattonella marina</i> var. <i>antiqua</i>	CAWR01	M. .M. Watanabe	Seto Inl. Sea Japan (CSIRO)	Feb.1990	NIES-1/ CS-171; 331	F/2	
<i>Chattonella marina</i> var. <i>antiqua</i>	CAWR18	L. Rhodes	Wellington Harbour, NZ	Apr.1999		L 1	
<i>Chattonella marina</i> var. <i>antiqua</i>	CAWR23	L. Rhodes	Great Barrier Is. P. Fitzroy, NZ	15/03/06		F/2	
<i>Fibrocapsa japonica</i>	CAWR02	L. Rhodes	Leigh, NZ	1992		F/2	
<i>Fibrocapsa japonica</i>	CAWR03	K. Yuki	Tsuda Bay Japan (CSIRO)	16/10/98	NIES-136/ CS-332	GP	
<i>Fibrocapsa japonica</i>	CAWR19	L. Rhodes	Wellington Harbour, NZ	Aug.1999		L 1	
<i>Heterosigma akashiwo</i>	CAWR04	J. L. Stauber	W. Lake, Australia, CSIRO	1995	CS-169	GP	
<i>Heterosigma akashiwo</i>	CAWR05	L. MacKenzie	Big Glory Bay, NZ	1989		GP	
<i>Heterosigma akashiwo</i>	CAWR06	L. Rhodes	Leigh, NZ	1992		GP	
<i>Heterosigma akashiwo</i>	CAWR08	L. Rhodes	Ruakaka, NZ	1997		GP	
<i>Heterosigma akashiwo</i>	CAWR09	L. MacKenzie	Nelson Harbour, NZ	1992		GP	
<i>Heterosigma akashiwo</i>	CAWR13	L. MacKenzie	Hauraki Gulf, NZ	1992		GP	

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Heterokontophyta							
Class Raphidophyceae							
<i>Heterosigma akashiwo</i>	CAWR14	RA Cattolico	Manchester, Puget Sound, USA	25/11/97	Man E	GP	Not available
<i>Heterosigma akashiwo</i>	CAWR15	JNC Whyte E. Black	Barkley Sound, Vancouver Is. Canada	25/11/97	ABC ² , NWFSC 502	GP	Not available

Marine Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Rhodophyta Class Porphyridiophyceae (Red algae)							
<i>Porphyridium purpureum</i>	CAWRh02	R.A. Lewin	Halifax, Canada (CSIRO)	1991	CSIRO CS-25	GP	

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Charophyta Class Zygnematophyceae (Green algae)							
<i>Closterium</i> sp.	CAWG504	S. Wood	Karori Reservoir in Wellington.	15/04/14		MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Chlorophyta Class Chlorophyceae (Green algae)							
<i>Chlamydomonas reinhardtii</i>	CAWG501	G.M. Smith	Massachusetts USA	20/09/06	Clones from soil organism isolated in 1945	TAP	Not available Cryo only
<i>Chloromonas rubroleosa</i>	CAWG513	Phil Novis	Canyon Creek, Ahuriri Conservation Park, NZ	20/01/23	Canyon 1/1	10% MLA	Not available
<i>Chloromonas</i> sp.	CAWG515	Phil Novis	Mt. Arthur, Kahurangi National Park, NZ	23/03/23	Arthur4/1	10% MLA	Not available Cryo only
<i>Mychonastes</i> sp.	CAWG509	S. Wood		06/09/16	Green SPC	MLA	Cryo only
<i>Pediastrum</i> sp.	CAWG505	S. Wood	Karori Reservoir in Wellington.	15/04/14		MLA	Cryo only
Unidentified Chlorophyceae	CAWG506	S. Wood		06/09/16	Green SPA1	MLA	Cryo only
Unidentified Chlorophyceae	CAWG507	S. Wood		06/09/16	Green SPA3	MLA	Cryo only
Unidentified Chlorophyceae	CAWG508	S. Wood		06/09/16	Green SPB	MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Chlorophyta Class Trebouxiophyceae (Green algae)							
<i>Chlorella vulgaris</i>	CAWG516	R. Chodat	Unknown Quatantine: Not required	25/10/24	UTEX 30	MLA	
<i>Chlorella vulgaris</i>	CAWG517	M.W. Beijerinck (1892)	Delft, Netherlands Quatantine: Not required	25/10/24	UTEX 259	MLA	
<i>Choricystis coccoides</i>	CAWG503		Lake Tahoe, USA	23/02/10		MLA	Not available
<i>Prasiola</i> sp.	CAWG512	Jihee Kim	Cape Hallet Antarctica	08/11/18	PN2004_91_93	MLA modif.	Not available
<i>Raphidonema sempervirens</i>	CAWG514	Phil Novis	Sealey Range near Mueller Hut, NZ	20/01/23	Mueller1/1	10% MLA	Not available
<i>Stichococcus chodatii</i>	CAWG502		Lake Tahoe, USA	23/02/10		MLA	Not available

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Anabaena cf. torulosa</i>	CAWBG85	Jodie Wall, Lesley Rhodes	Lake Omapere, NZ	22/09/11	CAWJW09	MLA	Cryo only
<i>Aphanizomenon</i> sp.	CAWBG01	Wayne W. Carmichael	Durham, New Hampshire	September 1996	NH-5, clone#4	MLA	Availability negotiable Cryo only
<i>Aphanizomenon</i> sp.	CAWBG588	Susie Wood	Lake Whangape, Waikato, NZ	15/04/14		MLA	Cryo only
<i>Aphanizomenon</i> sp.	CAWBG594	Susie Wood	Lake Waiporohita, Northland, NZ	15/04/14		MLA	Cryo only
<i>Aphanizomenon</i> sp.	CAWBG595	Susie Wood	Lake Waiporohita, Northland, NZ	15/04/14		MLA	Cryo only
<i>Aphanizomenon</i> sp.	CAWBG597	Susie Wood	Lake Johnson, Auckland, NZ	15/04/14		MLA	Cryo only
<i>Aphanizomenon</i> sp.	CAWBG599	Susie Wood	Lake Waikare, Waikato, NZ	15/04/14		MLA	Cryo only
<i>Aphanizomenon</i> sp.	CAWBG600	Susie Wood	Lake Waikare, Waikato, NZ	15/04/14		MLA	Cryo only
<i>Aphanizomenon</i> sp.	CAWBG612	Susie Wood	Lake Mokeno, Northland, NZ	15/04/14		MLA	Cryo only
<i>Aphanizomenon</i> sp.	CAWBG613	Susie Wood	Lake Mokeno, Northland, NZ	15/04/14		MLA	Cryo only
<i>Aphanocapsa</i> sp.	CAWBG585	Susie Wood	Lake Rotomanu, Taranaki, NZ	15/04/14		MLA	Cryo only
<i>Aphanocapsa</i> sp.	CAWBG615	Susie Wood	Lake Humuhumu, Northland, NZ	15/04/14		MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Calothrix sp.</i>	CAWBG78	Francine Smith	Lake Ruataniwha, NZ	22/09/11	UCFS26	MLA or BG110	Cryo only
<i>Calothrix sp.</i>	CAWBG80	Francine Smith	Lake Ohau, NZ	22/09/11	UCFS28	MLA or BG110	Cryo only
<i>Calothrix sp.</i>	CAWBG89	Jodie Wall, Lesley Rhodes	Lake Omapere, NZ	22/09/11	CAWJW16	MLA	Cryo only
<i>Calothrix sp.</i>	CAWBG91	Jodie Wall, Lesley Rhodes	Lake Omapere, NZ	22/09/11	CAWJW18	MLA	Cryo only
<i>Calothrix sp.</i>	CAWBG535	Susie Wood		22/09/11	CYN84	MLA	Cryo only
<i>Calothrix sp.</i>	CAWBG539	Susie Wood		22/09/11	CYN89	MLA	Cryo only
<i>Calothrix sp.</i>	CAWBG546	Susie Wood		22/09/11	CYN100	MLA	Cryo only
<i>Cuspidothrix issatschenkoi</i>	CAWBG02	Anna Crowe	Lake Hakanoa, NZ	March 2005	HAKA01/ CYN16	MLA	Live +Cryo
<i>Cuspidothrix issatschenkoi</i>	CAWBG31	Susie Wood		01/07/09	CYN58	MLA	Cryo only
<i>Cylindrospermopsis sp.</i>	CAWBG598	Susie Wood	Lake Waikare, Waikato, NZ	15/04/14		MLA	Cryo only
<i>Cylindrospermopsis sp.</i>	CAWBG614	Susie Wood	Lake Waikare, Waikato, NZ	15/04/14		MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Dolichospermum circinale</i>	CAWBG571	Susie Wood	Lake Rotokare, Taranaki, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum circinale</i>	CAWBG575	Susie Wood	Lake Rotokauri, Waikato, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum circinale</i>	CAWBG601	Susie Wood	Karori-lower Lake, Hawke's Bay, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum circinale</i>	CAWBG602	Susie Wood	Karori-lower Lake, Hawke's Bay, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum circinale</i>	CAWBG603	Susie Wood	Lake Waitawa, Wellington, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum circinale</i>	CAWBG605	Susie Wood	Lake Waiporohita, Northland, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum circinale</i>	CAWBG682	Susie Wood		29/05/19		MLA	Cryo only
<i>Dolichospermum circinale</i>	CAWBG683	Susie Wood		29/05/19		MLA	Cryo only
<i>Dolichospermum circinale</i>	CAWBG685	Susie Wood		29/05/19		MLA	Cryo only
<i>Dolichospermum circinale</i>	CAWBG689	Susie Wood		29/05/19		MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Dolichospermum lemmermannii</i>	CAWBG96	Susie Wood		22/09/11	CYN77	MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG98	Susie Wood		22/09/11	CYN80	MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG564	Susie Wood	Lake Pauri, Wellington, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG565	Susie Wood	Lake Pauri, Wellington, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG567	Susie Wood	Lake Tutira, Hawke's Bay, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG568	Susie Wood	Lake Tutira, Hawke's Bay, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG572	Susie Wood	Lake Rotokare, Taranaki, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG573	Susie Wood	Lake Rotokare, Taranaki, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG574	Susie Wood	Lake Rotokauri, Waikato, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG576	Susie Wood	Lake Dudding, Wellington, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG577	Susie Wood	Lake Dudding, Wellington, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG592	Susie Wood	Lake Waihola, Otago, NZ	15/04/14		MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Dolichospermum lemmermannii</i>	CAWBG593	Susie Wood	Lake Waihola, Otago, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG677	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG678	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG679	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG680	Susie Wood		29/05/18		MLA	Live +Cryo
<i>Dolichospermum lemmermannii</i>	CAWBG681	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG684	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG686	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG688	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG690	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG691	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG692	Susie Wood		29/05/18		MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Dolichospermum lemmermannii</i>	CAWBG693	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG694	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG696	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG697	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum lemmermannii</i>	CAWBG698	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum planctonicum</i>	CAWBG04	Susie Wood	Lower Karori Reservoir	20/09/07	CYN01	MLA	Cryo only
<i>Dolichospermum planctonicum</i>	CAWBG05	Susie Wood		02/10/07	CYN37	MLA	Cryo only
<i>Dolichospermum planctonicum</i>	CAWBG589	Susie Wood	Lake Hakanoa, Waikato, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum planctonicum</i>	CAWBG590	Susie Wood	Lake Hakanoa, Waikato, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum planctonicum</i>	CAWBG591	Susie Wood	Lake Hakanoa, Waikato, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum planctonicum</i>	CAWBG649	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum planctonicum</i>	CAWBG650	Susie Wood		29/05/18		MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Dolichospermum planctonicum</i>	CAWBG651	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum planctonicum</i>	CAWBG653	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum planctonicum</i>	CAWBG654	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum planctonicum</i>	CAWBG655	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum planctonicum</i>	CAWBG657	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum planctonicum</i>	CAWBG658	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum planctonicum</i>	CAWBG659	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum planctonicum</i>	CAWBG660	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum planctonicum</i>	CAWBG661	Susie Wood		29/05/18		MLA	Cryo only
<i>Dolichospermum spiroides</i>	CAWBG547	Susie Wood		22/09/11	CYN101	MLA	Cryo only
<i>Dolichospermum spiroides</i>	CAWBG548	Susie Wood		23/09/11	CYN102	MLA	Cryo only
<i>Dolichospermum spiroides</i>	CAWBG558	Susie Wood	Lake Tutira, Hawke's Bay, NZ	15/04/14	MM1	MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanbacteriota Class Cyanophyceae (Blue-green algae)							
<i>Dolichospermum spiroides</i>	CAWBG583	Susie Wood	Lake Roundabout, Canterbury, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum spiroides</i>	CAWBG584	Susie Wood	Lake Roundabout, Canterbury, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum spiroides</i>	CAWBG606	Susie Wood	Sullivans Lake, Bay of Plenty, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum spiroides</i>	CAWBG607	Susie Wood	Sullivans Lake, Bay of Plenty, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum</i> sp.	CAWBG03	Susie Wood		18/03/08	CYN41	MLA	Cryo only
<i>Dolichospermum</i> sp.	CAWBG86	Jodie Wall, Lesley Rhodes	Lake Omapere, NZ	22/09/11	CAWJW10	MLA	Cryo only
<i>Dolichospermum</i> sp.	CAWBG526	Francine Smith	Hinewai Reserve, NZ	15/03/10	UCFS09	MLA or BG11	Cryo only
<i>Dolichospermum</i> sp.	CAWBG581	Susie Wood	Lake Opunaki, Taranaki, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum</i> sp.	CAWBG582	Susie Wood	Lake Opunaki, Taranaki, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum</i> sp.	CAWBG608	Susie Wood	Lake Karapiro, Waikato, NZ	15/04/14		MLA	Cryo only
<i>Dolichospermum</i> sp.	CAWBG610	Susie Wood	Lake Ngakapua, Northland, NZ	15/04/14		MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Geitlerinema</i> sp.	CAWBG533	Francine Smith	Waiau River, NZ	15/03/10	UCFS03	MLA or BG11	Cryo only.
<i>Heteroscytonema</i> cf. <i>crispum</i>	CAWBG72	Francine Smith	South Is. Drinking Water Reservoir, NZ	22/09/11	UCFS15	MLA or BG110	Live + Cryo
<i>Heteroscytonema</i> cf. <i>crispum</i>	CAWBG524	Francine Smith	Groynes Recreational Reserve, NZ	15/03/10	UCFS10	MLA or BG11	Live + Cryo
<i>Leptolyngbya</i> sp.	CAWBG62	Susie Wood	Tut Pond, Nostoc Mat, Pyramid Trough, Antarctica.	12/08/10	CYN65	MLA	Cryo only
<i>Leptolyngbya</i> sp.	CAWBG65	Susie Wood	Egypt 'attached' Pyramid Trough, Antarctica	12/08/10	CYN68	MLA	Cryo only
<i>Leptolyngbya</i> sp.	CAWBG100	Susie Wood		22/09/11	CYN82	MLA	Cryo only
<i>Leptolyngbya</i> sp.	CAWBG124	Jodie Wall, Lesley Rhodes	Waihau Stream, NZ	22/09/11	CAWJW26	MLA	Cryo only
<i>Leptolyngbya</i> sp.	CAWBG532	Francine Smith	Waiau River, NZ	15/03/10	UCFS02	MLA or BG11	Cryo only
<i>Leptolyngbya</i> sp.	CAWBG540	Susie Wood		22/09/11	CYN91	MLA	Cryo only
<i>Leptolyngbya</i> sp.	CAWBG543	Susie Wood		22/09/11	CYN95	MLA	Cryo only
<i>Leptolyngbya</i> sp.	CAWBG586	Susie Wood	Lake Rotomanu, Taranaki, NZ	15/04/14		MLA	Cryo only
<i>Leptolyngbya</i> sp.	CAWBG609	Susie Wood	Lake Pupuke, Auckland, NZ	15/04/14		MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Leptolyngbya</i> sp.	CAWBG634	Susie Wood		06/09/16	RH5	MLA	Cryo only
<i>Limnothrix</i> sp.	CAWBG541	Susie Wood		22/09/11	CYN92	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG24	Susie Wood		20/09/07	CYN47	MLA	Live + Cryo
<i>Microcoleus autumnalis</i>	CAWBG25	Susie Wood		02/10/07	CYN48	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG26	Susie Wood		20/09/07	CYN49	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG27	Susie Wood	Hutt River	17/10/07	CYN50	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG32	Susie Wood		01/07/09	CYN53	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG33	Susie Wood		01/07/09	CYN55	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG34	Susie Wood		01/07/09	CYN56	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG36	Mark Heath	Avalon Duck Pond, Wellington, NZ	23/09/11	VUW1	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG37	Mark Heath	Lake Heneley, Masterton, NZ	23/09/11	VUW2	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG38	Mark Heath	Wainuiomata River, Wellington, NZ	23/09/11	VUW3	MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Microcoleus autumnalis</i>	CAWBG39	Mark Heath	Wainuiomata River, Wellington, NZ	23/09/11	VUW4	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG40	Mark Heath	Waingongoro River, Stratford, NZ	23/09/11	VUW5	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG42	Mark Heath	Wainuiomata River, Wellington, NZ	23/09/11	VUW7	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG43	Mark Heath	Akatarawa River, Wellington, NZ	23/09/11	VUW8	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG44	Mark Heath	Wainuiomata River, Wellington, NZ	23/09/11	VUW9	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG45	Mark Heath	Wainuiomata River, Wellington, NZ	23/09/11	VUW10	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG46	Mark Heath	Wainuiomata River, Wellington, NZ	23/09/11	VUW11	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG47	Mark Heath	Wainuiomata River, Wellington, NZ	23/09/11	VUW12	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG48	Mark Heath	Hutt River, Wellington, NZ	23/09/11	VUW14	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG50	Mark Heath	Pelorus River, Nelson, NZ	23/09/11	VUW16	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG51	Mark Heath	Mangatinoka Stream Manawatu, NZ	23/09/11	VUW17	MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Microcoleus autumnalis</i>	CAWBG52	Mark Heath	Mangatinoka Stream Manawatu, NZ	23/09/11	VUW18	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG53	Mark Heath	Mangaroa River, Wellington, NZ	23/09/11	VUW19	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG54	Mark Heath	Rangataiki River, Bay of Plenty, NZ	23/09/11	VUW20	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG55	Mark Heath	Whakatane River, Bay of Plenty, NZ	23/09/11	VUW21	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG56	Mark Heath	Waimana River, Bay of Plenty, NZ	23/09/11	VUW22	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG57	Mark Heath	Godley River Tributary, NZ	23/09/11	VUW23	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG58	Mark Heath	Tukituki River, Hawkes Bay, NZ	23/09/11	VUW24	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG71	Francine Smith	Kaiapoi River, NZ	22/09/11	UCFS13	MLA or BG11	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG501	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN113	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG502	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN114	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG503	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN115	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG504	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN116	MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanophyta Class Cyan Cyanbacteriota ophyceae (Blue-green algae)							
<i>Microcoleus autumnalis</i>	CAWBG505	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN117	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG506	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN118	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG507	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN119	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG508	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN120	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG509	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN121	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG510	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN122	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG511	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN123	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG512	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN124	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG513	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN125	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG515	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN127	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG516	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN128	MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Microcoleus autumnalis</i>	CAWBG517	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN129	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG518	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN130	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG520	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN132	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG521	Mark Heath	Hutt River Wgt. NZ	23/09/11	CYN133	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG523	Francine Smith	Bowenvale Reserve, NZ	15/03/10	UCFS12	MLA or BG11	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG527	Francine Smith	Ashley River, NZ	15/03/10	UCFS04	MLA or BG11	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG528	Francine Smith	Waiau River, NZ	15/03/10	UCFS05	MLA or BG11	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG529	Francine Smith	Waiau River, NZ	15/03/10	UCFS07	MLA or BG11	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG623	Susie Wood	Kaikoura	06/09/16		MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG635	Susie Wood	Cardrona River, Wanaka, NZ	13/11/18	Car-01	MLA	Live +Cryo
<i>Microcoleus autumnalis</i>	CAWBG636	Susie Wood	Cardrona River, Wanaka, NZ	13/11/18	Car-02	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG637	Susie Wood	Cardrona River, Wanaka, NZ	13/11/18	Car-03	MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Microcoleus autumnalis</i>	CAWBG638	Susie Wood	Cardrona River, Wanaka, NZ	13/11/18	Car-04	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG639	Susie Wood	Cardrona River, Wanaka, NZ	13/11/18	Car-05	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG640	Susie Wood	Cardrona River, Wanaka, NZ	13/11/18	Car-06	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG641	Susie Wood	Cardrona River, Wanaka, NZ	13/11/18	Car-07	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG642	Susie Wood	Cardrona River, Wanaka, NZ	13/11/18	Car-08	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG643	Susie Wood	Cardrona River, Wanaka, NZ	13/11/18	Car-09	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG644	Susie Wood	Cardrona River, Wanaka, NZ	13/11/18	Car-10	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG645	Susie Wood	Cardrona River, Wanaka, NZ	13/11/18	Car-11	MLA	Cryo only
<i>Microcoleus autumnalis</i>	CAWBG646	Susie Wood	Cardrona River, Wanaka, NZ	13/11/18	Car-12	MLA	Cryo only
<i>Microcoleus glaciei</i>	CAWBG22	Susie Wood	Red Hills #4	20/09/07	CYN38	MLA	Cryo only
<i>Microcoleus sp.</i>	CAWBG28	Susie Wood		02/10/07	CYN51	MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Microcoleus</i> sp.	CAWBG61	Susie Wood	Cleopatra Pond ,Pyramid Trough, Antarctica	12/08/10	CYN64	MLA	Cryo only
<i>Microcoleus</i> sp.	CAWBG63	Susie Wood	Cleopatra Pond ,Pyramid Trough, Antarctica	12/08/10	CYN66	MLA	Cryo only
<i>Microcoleus</i> sp.	CAWBG94	Susie Wood		22/09/11	CYN75	MLA	Cryo only
<i>Microcoleus</i> sp.	CAWBG549	Susie Wood		23/09/11	CYN104	MLA	Cryo only
<i>Microcoleus</i> sp.	CAWBG550	Susie Wood		23/09/11	CYN105	MLA	Cryo only
<i>Microcoleus</i> sp.	CAWBG551	Susie Wood		23/09/11	CYN106	MLA	Cryo only
<i>Microcoleus</i> sp.	CAWBG552	Susie Wood		23/09/11	CYN107	MLA	Cryo only
<i>Microcoleus</i> sp.	CAWBG553	Susie Wood		23/09/11	CYN108	MLA	Cryo only
<i>Microcoleus</i> sp.	CAWBG554	Susie Wood		23/09/11	CYN109	MLA	Cryo only
<i>Microcoleus</i> sp.	CAWBG555	Susie Wood		23/09/11	CYN110	MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Microcoleus</i> sp.	CAWBG556	Susie Wood		23/09/11	CYN111	MLA	Cryo only
<i>Microcoleus</i> sp.	CAWBG557	Susie Wood		23/09/11	CYN112	MLA	Cryo only
<i>Microcystis aeruginosa</i>	CAWBG617	Susie Wood	Lake Rotorua, Kaikoura, NZ	06/09/16	RotoD	MLA	Live + Cryo
<i>Microcystis aeruginosa</i>	CAWBG624	Susie Wood	Lake Rotorua, Kaikoura, NZ	21/11/16	RotoA	MLA	Cryo only
<i>Microcystis panniformis</i>	CAWBG06	Susie Wood	Lake Rotoehu, NZ	30/11/05	CYN17	MLA	Cryo only
<i>Microcystis wesenbergii</i>	CAWBG07	Susie Wood		30/11/05	CYN18	MLA	Cryo only
<i>Microcystis wesenbergii</i>	CAWBG08	Susie Wood	Lake Hakanoa, NZ	20/09/07	CYN26	MLA	Cryo only
<i>Microcystis wesenbergii</i>	CAWBG09	Susie Wood		20/09/07	CYN34	MLA	Cryo only
<i>Microcystis wesenbergii</i>	CAWBG647	Susie Wood		06/09/16	Strain 2	MLA	Live + Cryo
<i>Microcystis wesenbergii</i>	CAWBG648	Susie Wood		06/09/16	Strain5	MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG10	Susie Wood		02/10/07	CYN04	MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG11	Susie Wood	Lake Hakanoa, Huntly	30/11/05	CYN06	MLA	Live + Cryo

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Microcystis</i> sp.	CAWBG12	Susie Wood		30/11/05	CYN07	MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG13	Susie Wood		30/11/05	CYN08	MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG14	Susie Wood		30/11/05	CYN09	MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG15	Susie Wood		30/11/05	CYN10	MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG16	Susie Wood		30/11/05	CYN11	MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG17	Susie Wood		30/11/05	CYN12	MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG18	Susie Wood		30/11/05	CYN21	MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG19	Susie Wood		30/11/05	CYN27	MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG559	Susie Wood	Lake Virginia, Wellington, NZ	15/04/14		MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG560	Susie Wood	Lake Virginia, Wellington, NZ	15/04/14		MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG561	Susie Wood	Lake Virginia, Wellington, NZ	15/04/14		MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG562	Susie Wood	Lake Virginia, Wellington, NZ	15/04/14		MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Microcystis</i> sp.	CAWBG563	Susie Wood	Lake Pauri, Wellington, NZ	15/04/14	MM7	MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG566	Susie Wood	Lake Pauri, Wellington, NZ	15/04/14		MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG569	Susie Wood	Lake Horowhenua, Wellington, NZ	15/04/14		MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG570	Susie Wood	Lake Pauri, Wellington, NZ	15/04/14		MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG579	Susie Wood	Lake Westmere, Wellington, NZ	15/04/14		MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG580	Susie Wood	Lake Westmere, Wellington, NZ	15/04/14		MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG587	Susie Wood	Lake Rotomanu, Taranaki, NZ	15/04/14		MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG604	Susie Wood	Lake Waitawa, Wellington, NZ	15/04/14		MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG611	Susie Wood	Spectacle Lake, NZ	15/04/14	MM61	MLA	Cryo only
<i>Microcystis</i> sp.	CAWBG706	Jonathan Puddick	Lake Waitawa, NZ	17/06/21		MLA	

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Nodularia spumigena</i>	CAWBG20	Susie Wood		20/09/07	CYN43	MLA	Cryo only
<i>Nodularia spumigena</i>	CAWBG21	Susie Wood	Lake Forsyth, NZ	02/10/07	CYN45	MLA	Cryo only
<i>Nodularia spumigena</i>	CAWBG704	Susie Wood	Whakaki Lake, NZ	17/06/21	HB-B	MLA	
<i>Nodularia spumigena</i>	CAWBG712	Jonathan Puddick	Lake Forsyth, NZ	17/06/21	Wairewa 1	MLA	
<i>Nodularia spumigena</i>	CAWBG713	Jonathan Puddick	Lake Forsyth, NZ	17/06/21	Wairewa 3	MLA	
<i>Nodularia spumigena</i>	CAWBG714	Jonathan Puddick	Lake Forsyth, NZ	17/06/21	Wairewa 7	MLA	
<i>Nodularia spumigena</i>	CAWBG715	Jonathan Puddick	Lake Forsyth, NZ	17/06/21	Wairewa 9	MLA	
<i>Nostoc</i> sp.	CAWBG29	Susie Wood		12/08/10	CYN63	MLA	Cryo only
<i>Nostoc</i> sp.	CAWBG30	Susie Wood		31/08/09	CYN62	MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Nostoc</i> sp.	CAWBG67	Susie Wood	Tut Pond , Nostoc Mat, Pyramid Trough, Antarctica	12/08/10	CYN70	MLA	Cryo only
<i>Nostoc</i> sp.	CAWBG77	Francine Smith	Lake Ruataniwha, NZ	22/09/11	UCFS25	MLA or BG11 ₀	Cryo only
<i>Nostoc</i> sp.	CAWBG79	Francine Smith	Lake Middleton, NZ	22/09/11	UCFS27	MLA or BG11 ₀	Cryo only
<i>Nostoc</i> sp.	CAWBG93	Susie Wood		22/09/11	CYN74	MLA	Cryo only
<i>Nostoc</i> sp.	CAWBG121	Jodie Wall, Lesley Rhodes	Waihou Stream, NZ	22/09/11	CAWJW23	MLA	Cryo only
<i>Nostoc</i> sp.	CAWBG625	Susie Wood		06/09/16	Nostoc 1	MLA	Cryo only
<i>Nostoc</i> sp.	CAWBG626	Susie Wood		06/09/16	Nostoc 2	MLA	Cryo only
<i>Nostoc</i> sp.	CAWBG627	Susie Wood		06/09/16	Nostoc 3	MLA	Cryo only
<i>Nostoc</i> sp.	CAWBG628	Susie Wood		06/09/16	Nostoc 5	MLA	Cryo only
<i>Nostoc</i> sp.	CAWBG629	Susie Wood		06/09/16	Nostoc 6	MLA	Cryo only
<i>Nostoc</i> sp.	CAWBG663	Susie Wood		29/05/19		MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Nostoc</i> sp.	CAWBG666	Susie Wood		29/05/19		MLA	Cryo only
<i>Nostoc</i> sp.	CAWBG667	Susie Wood		29/05/19		MLA	Cryo only
<i>Nostoc</i> sp.	CAWBG668	Susie Wood		29/05/19		MLA	Cryo only
<i>Nostoc</i> sp.	CAWBG669	Susie Wood		29/05/19		MLA	Cryo only
<i>Nostoc</i> sp.	CAWBG670	Susie Wood		29/05/19		MLA	Cryo only
<i>Nostoc</i> sp.	CAWBG671	Susie Wood		29/05/19		MLA	Cryo only
<i>Nostoc</i> sp.	CAWBG673	Susie Wood		29/05/19		MLA	Cryo only
<i>Nostoc</i> sp.	CAWBG674	Susie Wood		29/05/19		MLA	Cryo only
<i>Nostoc</i> sp.	CAWBG702	Unknown	NZ (exact location unknown)	17/06/21	Mann5-2	MLA	
<i>Oscillatoria</i> sp.	CAWBG534	Susie Wood		22/09/11	CYN83	MLA	Cryo only
<i>Oscillatoria</i> sp.	CAWBG538	Susie Wood		22/09/11	CYN87	MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Phormidium priestleyi</i>	CAWBG68	Susie Wood	Tut Pond , Nostoc Mat, Pyramid Trough, Antarctica	12/08/10	CYN71	MLA	Cryo only
<i>Phormidium</i> sp.	CAWBG81	Jodie Wall, Lesley Rhodes	Lake Omapere, NZ	22/09/11	CAWJW02	MLA	Cryo only
<i>Phormidium</i> sp.	CAWBG82	Jodie Wall, Lesley Rhodes	Lake Omapere, NZ	22/09/11	CAWJW04	MLA	Cryo only
<i>Phormidium</i> sp.	CAWBG84	Jodie Wall, Lesley Rhodes	Lake Omapere, NZ	22/09/11	CAWJW08	MLA	Cryo only
<i>Planktothrix</i> sp.	CAWBG35	Susie Wood	Waitaki River, NZ	01/07/09	CYN61	MLA	Cryo only
<i>Planktothrix</i> sp.	CAWBG59	Susie Wood		01/07/09	VUW25/ CYN60	MLA	Cryo only
<i>Planktothrix</i> sp.	CAWBG616	Susie Wood	Pukepuke, Auckland, NZ	15/04/14		MLA	Cryo only
<i>Pseudanabaena</i> sp.	CAWBG49	Mark Heath	Whakatikei River, Wellington, NZ	23/09/11	VUW15	MLA	Cryo only
<i>Pseudanabaena</i> sp.	CAWBG530	Francine Smith	Selwyn River, NZ	15/03/10	UCFS01	MLA or BG11	Cryo only
<i>Pseudanabaena</i> sp.	CAWBG531	Francine Smith	Waiau River, NZ	15/03/10	UCFS06	MLA or BG11	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Scytonema cf. crispum</i>	CAWBG73	Francine Smith	Lake Alexandrina, NZ	22/09/11	UCFS16	MLA or BG110	Cryo only
<i>Scytonema cf. crispum</i>	CAWBG74	Francine Smith	Lake Benmore, NZ	22/09/11	UCFS17	MLA or BG110	Cryo only
<i>Scytonema cf. fritschii</i>	CAWBG75	Francine Smith	Lake Sarah, NZ	22/09/11	UCFS23	MLA or BG110	Cryo only
<i>Scytonema sp.</i>	CAWBG630	Susie Wood		06/09/16	RH1	MLA	Cryo only
<i>Scytonema sp.</i>	CAWBG631	Susie Wood		06/09/16	RH2	MLA	Cryo only
<i>Scytonema sp.</i>	CAWBG632	Susie Wood		06/09/16	RH3	MLA	Cryo only
<i>Scytonema sp.</i>	CAWBG633	Susie Wood		06/09/16	RH4	MLA	Cryo only
<i>Synechocystis sp.</i>	CAWBG542	Susie Wood		22/09/11	CYN93	MLA	Cryo only
<i>Tolypothrix sp.</i>	CAWBG76	Francine Smith	Lake Ruataniwha, NZ	22/09/11	UCFS24	MLA or BG110	Cryo only
<i>Wilmottia murrayi</i>	CAWBG23	Susie Wood		02/10/07	CYN39	MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
<i>Wilmottia murrayi</i>	CAWBG95	Susie Wood		22/09/11	CYN76	MLA	Cryo only
<i>Wilmottia sp.</i>	CAWBG522	Francine Smith	Bowenvale Reserve, NZ	15/03/10	UCFS11	MLA or BG11	Cryo only
Unidentified sp. Chamaesiphonaceae	CAWBG64	Susie Wood	Colin 'deep', Pyramid Trough, Antarctica	12/08/10	CYN67	MLA	Cryo only
Unidentified sp. Merismopediaceae	CAWBG83	Jodie Wall, Lesley Rhodes	Lake Omapere, NZ	22/09/11	CAWJW06	MLA	Cryo only
Unidentified sp. Merismopediaceae	CAWBG749	Lena Schallenberg	Lake Ellesmere, NZ	09/09/21	EJ2	MLA	Cryo only
Unidentified sp. Pseudanabaenaceae	CAWBG41	Mark Heath	Wainuiomata River, Wellington, NZ	23/09/11	VUW6	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG545	Susie Wood		22/09/11	CYN97	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG716	Lena Schallenberg	Lake Havea, NZ	22/07/21	HWJ4	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG717	Lena Schallenberg	Lake Hayes, NZ	22/07/21	HJ2.1	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG718	Lena Schallenberg	Lake Wanaka, NZ	22/07/21	WAJ14	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG719	Lena Schallenberg	Lake Wakatipu, NZ	22/07/21	WKJ5	MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
Unidentified sp. Synechococcaceae	CAWBG720	Lena Schallenberg	Lake Johnson, NZ	22/07/21	JJ3	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG721	Lena Schallenberg	Lake Hayes, NZ	22/07/21	HJ5	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG722	Lena Schallenberg	Lake Ellesmere, NZ	22/07/21	EJ12	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG723	Lena Schallenberg	Lake Hayes, NZ	09/09/21	HJ6	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG724	Lena Schallenberg	Lake Wanaka, NZ	09/09/21	WAJ5	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG726	Lena Schallenberg	Lake Wanaka, NZ	09/09/21	WAJ 10	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG728	Lena Schallenberg	Lake Wanaka, NZ	09/09/21	WAJ13	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG729	Lena Schallenberg	Lake Wanaka, NZ	09/09/21	WAJ15	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG732	Lena Schallenberg	Lake Wakatipu, NZ	09/09/21	WKJ3	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG733	Lena Schallenberg	Lake Wakatipu, NZ	09/09/21	WKJ4	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG734	Lena Schallenberg	Lake Wakatipu, NZ	09/09/21	WKJ7	MLA	Live + Cryo

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
Unidentified sp. Synechococcaceae	CAWBG735	Lena Schallenberg	Lake Wakatipu, NZ	09/09/21	WKJ7b	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG736	Lena Schallenberg	Lake Wakatipu, NZ	09/09/21	WKJ8	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG737	Lena Schallenberg	Lake Hawea, NZ	09/09/21	HWJ3	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG738	Lena Schallenberg	Lake Hawea, NZ	09/09/21	HWJ5	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG739	Lena Schallenberg	Lake Hawea, NZ	09/09/21	HWJ6	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG741	Lena Schallenberg	Lake Johnson, NZ	09/09/21	JJ1	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG742	Lena Schallenberg	Lake Johnson, NZ	09/09/21	JJ2	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG745	Lena Schallenberg	Lake Ellesmere, NZ	09/09/21	EJ5	MLA	Cryo only
Unidentified sp. Synechococcaceae	CAWBG747	Lena Schallenberg	Lake Ellesmere, NZ	09/09/21	EJ12b	MLA	Live + Cryo
Unidentified sp. Chroococcales	CAWBG66	Susie Wood	Cleopatra Pond , Pyramid Trough, Antarctica	12/08/10	CYN69	MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Cyanobacteriota Class Cyanophyceae (Blue-green algae)							
Unidentified sp. Chroococcales	CAWBG97	Susie Wood		22/09/11	CYN78	MLA	Cryo only
Unidentified sp. Chroococcales	CAWBG99	Susie Wood		22/09/11	CYN81	MLA	Cryo only
Unidentified sp. Nostocales	CAWBG92	Susie Wood		13/08/10	CYN73	MLA	Cryo only
Unidentified sp. Nostocales	CAWBG536	Susie Wood		22/09/11	CYN85	MLA	Cryo only
Unidentified sp. Nostocales	CAWBG537	Susie Wood		22/09/11	CYN86	MLA	Cryo only
Unidentified sp. Nostocales	CAWBG544	Susie Wood		22/09/11	CYN96	MLA	Cryo only
Unidentified sp.	CAWBG88	Jodie Wall, Lesley Rhodes	Lake Omapere, NZ	22/09/11	CAWJW12	MLA	Cryo only
Unidentified sp.	CAWBG90	Jodie Wall, Lesley Rhodes	Lake Omapere, NZ	22/09/11	CAWJW17	MLA	Cryo only
Unidentified sp.	CAWBG525	Francine Smith	Selwyn River, NZ	15/03/10	UCFS08	MLA or BG11	Cryo only
Unidentified sp.	CAWBG578	Susie Wood	Lake Westmere, Wellington, NZ	15/04/14		MLA	Cryo only
Unidentified sp.	CAWBG596	Susie Wood	Spectacle Lake, Auckland, NZ	15/04/14		MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICC	Original strain designation	Culture Media	Comment
Phylum Heterokontophyta Class Mediophyceae (Diatoms)							
<i>Cyclotella meneghiniana</i>	CAWB501	U. Powalowski	Münster, Germany Quarantine: Not registered	23/02/10	CCAC 0039	MLA	Cryo only

Freshwater Algae

Phylum/Class/Species	Cawthron code number	Isolator	Site of Isolation and/or source	Date of entry to CICCM	Original strain designation	Culture Media	Comment
Phylum Rhodophyta Class Cyanidiophyceae (Red algae)							
<i>Galdieria sulphuraria</i>	CAWRh501		Source: UTEX Cawthron Reg: 23-076	22/08/2023	UTEX number 2919 Isolator`s number III-D-2	CN/MLA	