

Supplementary Table 1. List of Sardinian artificial lakes with their identification number for Figure 1, name, study periods and lake names as reported in the scientific documents, cyanobacteria genera or species as reported in the scientific documents, presence of cyanotoxins data, and their references along the period 1978-2000.

ID lake	Lake name	Study periods and lake name in the text	Cyanobacteria genera and/or species	Toxicity data	References	WoS	Scopus	Other	Link
1	Alto Temo	1988-1989 Monteleone Roccadoria	<i>Anabaena flos-aquae</i> <i>Anabaena planctonica</i> <i>Anabaena spiroides</i> <i>Aphanizomenon flos-aquae</i> <i>Gomphosphaeria aponina</i> <i>Merismopedia</i> sp. <i>Microcystis aeruginosa</i> <i>Microcystis flos-aquae</i> <i>Phormidium mucicola</i>	no	Lugliè et al., 1994			+	https://www.aiol.info/wp-content/uploads/ATTI_10_CONGRESSO_AIOL_1_2.pdf
		1994 Monteleone Roccadoria	<i>Anabaena spiroides</i> <i>Anabaena planctonica</i> <i>Aphanocapsa</i> sp. <i>Gomphosphaeria aponina</i> <i>Microcystis aeruginosa</i>	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380

			<i>Pseudanabaena mucicola</i>						
		1994 Monteleone Roccadoria	<i>Aphanothece</i> spp. <i>Gomphosphaeria aponina</i> <i>Oscillatoria</i> spp.	no	Sechi, 2000			+	https://publ.iss.it/ITA/Items/GetPDF?uid=0b8f307a-210f-4a3d-a1b2-f4a84784d6ec
2	Bau Muggeris	1978-1979 Alto Flumendosa	<i>Microcystis aeruginosa</i>	no	Sechi, 1983			+	https://www.aiol.info/wp-content/uploads/ATTI_4_CONGRESSO_AIOL_2_3.pdf
		1990-1993 Alto Flumendosa	<i>Aphanothece clathrata</i> <i>Aphanothece</i> sp. <i>Oscillatoria rubescens</i>	no	Lugliè et al., 1996			+	https://hdl.handle.net/11388/264966
		1994 Alto Flumendosa	<i>Aphanothece</i> spp. <i>Gomphosphaeria aponina</i> <i>Oscillatoria rubescens</i>	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
3	Bau Pressiu	1978-1979	<i>Anabaena</i>	no	Sechi & Cossu, 1979			+	https://hdl.handle.net/11388/81911

		1978-1979	<i>Anabaena</i> spp. <i>Oscillatoria</i> spp.	no	Sechi, 1983			+	https://www.aiol.info/wp-content/uploads/ATTI_4_CONGRESSO_AIOL_2_3.pdf
		1994	<i>Aphanocapsa</i> sp.	no	Sechi & Lugliè, 1996			+	https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
4	Benzone	1994	<i>Oscillatoria</i> spp.	no	Sechi & Lugliè, 1996			+	https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
5	Bidighinzu	1978-1979	<i>Anabaena</i> spp. <i>Oscillatoria</i> spp.	no	Sechi, 1983			+	https://www.aiol.info/wp-content/uploads/ATTI_4_CONGRESSO_AIOL_2_3.pdf
		1979	<i>Anabaena</i> <i>Aphanizomenon</i>	no	Sechi, 1986			+	https://hdl.handle.net/11388/263501

			<i>Microcystis</i>						
		1988-1989	<i>Anabaena flos-aquae</i> <i>Anabaena planctonica</i> <i>Anabaena spiroides</i> <i>Anabaena sp.</i> <i>Aphanizomenon flos-aquae</i> <i>Aphanocapsa delicatissima</i> <i>Merismopedia sp.</i> <i>Microcystis aeruginosa</i> <i>Microcystis flos-aquae</i> <i>Oscillatoria tenuis</i> <i>Phormidium mucicola</i>	no	Lugliè & Sechi, 1993		+		https://www.tandfonline.com/doi/abs/10.1080/11263509309428129
		1994	<i>Anabaena flos-aquae</i> <i>Anabaena planctonica</i> <i>Aphanizomenon flos-aquae</i> <i>Aphanocapsa sp.</i> <i>Microcystis aeruginosa</i> <i>Microcystis flos-aquae</i>	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
6	Cantoniera	1976 Omodeo	<i>Anabaena flos-aquae</i> <i>Anabaena planctonica</i>	no	Sechi, 1978		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380

			<i>Anabaena</i> sp. <i>Aphanizomenon flos-aquae</i> <i>Chroococcus dispersus</i> <i>Coelosphaerium</i> sp. <i>Merismopedia</i> sp. <i>Microcystis aeruginosa</i> <i>Microcystis flos-aquae</i> <i>Phormidium mucicola</i>					1080/112635078094 27946
		1976 Omodeo	<i>Anabaena flos-aquae</i> <i>Anabaena planctonica</i> <i>Anabaena</i> sp. <i>Aphanizomenon flos-aquae</i> <i>Chroococcus disperses</i> <i>Merismopedia</i> sp. <i>Microcystis aeruginosa</i> <i>Microcystis flos-aquae</i>	no	Barbanti et al., 1979		+	https://hdl.handle.net/11388/52427
		1976 Omodeo	<i>Aphanizomenon</i> <i>Microcystis</i>	no	Sechi et al., 1979			https://core.ac.uk/download/11689466.pdf

		1978-1979 Omodeo	<i>Microcystis</i>	no	Sechi & Cossu, 1979			+	https://hdl.handle.net/11388/81911
		1978-1979 Omodeo	<i>Anabaena</i> spp. <i>Aphanizomenon flos-aquae</i> <i>Chroococcus disperses</i> <i>Microcystis flos-aquae</i>	no	Sechi, 1983			+	https://www.aiol.info/wp-content/uploads/ATTI_4_CONGRESSO_AIOL_2_3.pdf
		1994 Omodeo	<i>Anabaena flos-aquae</i> <i>Anabaena spiroides</i> <i>Aphanizomenon flos-aquae</i> <i>Aphanothece</i> spp. <i>Chroococcus dispersus</i> <i>Merismopedia punctata</i> <i>Microcystis aeruginosa</i> <i>Microcystis flos-aquae</i>	no	Sechi & Lugliè, 1996			+	https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
7	Casteldoria	1994	<i>Anabaena flos-aquae</i> <i>Anabaena</i> spp. <i>Microcystis aeruginosa</i> <i>Microcystis flos-aquae</i> <i>Pseudanabaena mucicola</i>	no	Sechi & Lugliè, 1996			+	https://www.tandfonline.com/doi/abs/10.1080/11263509609438380

8	Corongiu 2	1994	<i>Gomphosphaeria aponina</i>	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
9	Corongiu 3	1994	<i>Aphanocapsa</i> sp.	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
10	Cucchinadorza	1994	<i>Anabaena</i> sp.	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
		1994	<i>Anabaena</i> sp.	no	Sechi, 2000			+	https://publ.iss.it/ITA/Items/GetPDF?uid=0b8f307a-210f-4a3d-a1b2-f4a84784d6ec
11	Cuga	1978-1979	<i>Aphanizomenon</i>	no	Sechi & Cossu, 1979			+	https://hdl.handle.net/11388/81911

		1978-1979	<i>Aphanizomenon flos-aquae</i>	no	Sechi, 1983			+	https://www.aiol.info/wp-content/uploads/ATTI_4_CONGRESSO_AIOL_2_3.pdf
		1980-1981	<i>Anabaena flos-aquae</i> <i>Anabaena planctonica</i> <i>Anabaena spiroides</i> <i>Aphanizomenon flos-aquae</i> <i>Gomphosphaeria lacustris</i> <i>Microcystis aeruginosa</i>	no	Sechi et al., 1985			+	https://www.aiol.info/wp-content/uploads/ATTI_6_CONGRESSO_AIOL_2_2.pdf
		1994	<i>Anabaena flos-aquae</i> <i>Anabaena planctonica</i> <i>Aphanizomenon flos-aquae</i> <i>Microcystis aeruginosa</i> <i>Pseudanabaena mucicola</i>	no	Sechi & Lugliè, 1996			+	https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
12	Flumineddu	1994	-	no	Sechi & Lugliè, 1996			+	https://www.tandfonline.com/doi/abs/10.1080/11263509609438380

		1987-1990	<i>Anabaena planctonica</i>	yes	Bruno et al., 1994	+	+		https://www.science-direct.com/science/article/abs/pii/0041010194900892
13	Genna is Abis	1990-1992 Cixerri	<i>Anabaena flos-aquae</i> <i>Anabaena planctonica</i> <i>Aphanizomenon flos-aquae</i> <i>Aphanocapsa elachista</i> <i>Gomphosphaeria</i> sp. <i>Merismopedia punctata</i> <i>Microcystis aeruginosa</i> <i>Microcystis flos-aquae</i> <i>Oscillatoria tenuis</i> <i>Oscillatoria</i> sp. <i>Phormidium mucicola</i>	no	Sechi et al., 1994			+	https://www.aiol.info/wp-content/uploads/ATTI_10_CONGRESSO_AIOL_1_2.pdf
		1990-1995 Cixerri	<i>Anabaena flos-aquae</i> <i>Anabaena planctonica</i> <i>Aphanizomenon flos-aquae</i> <i>Aphanocapsa elachista</i> <i>Gomphosphaeria</i> sp.	no	Sechi et al., 1998			+	https://www.aiol.info/wp-content/uploads/ATTI_12.2_CONGRE

			<i>Merismopedia punctata</i> <i>Microcystis aeruginosa</i> <i>Oscillatoria tenuis</i> <i>Oscillatoria</i> sp. <i>Pseudanabaena mucicola</i>						SSO_AIOL_1_2.pdf
		1994 Cixerri	<i>Anabaena flos-aquae</i> <i>Anabaena planctonica</i> <i>Microcystis aeruginosa</i> <i>Oscillatoria</i> spp. <i>Pseudanabaena mucicola</i>	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
14	Govossai	1978-1979 Fonni	<i>Anabaena</i> spp. <i>Microcystis aeruginosa</i>	no	Sechi, 1983			+	https://www.aiol.info/wp-content/uploads/ATTI_4_CONGRESSO_AIOL_2_3.pdf
		1994	<i>Aphanocapsa</i> sp. <i>Aphanothece</i> sp.	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380

15	Gusana	1978-1979	<i>Aphanizomenon</i>	no	Sechi & Cossu, 1979			+	https://hdl.handle.net/11388/81911
		1978-1979	<i>Anabaena</i> spp. <i>Aphanizomenon flos-aquae</i> <i>Microcystis aeruginosa</i>	no	Sechi, 1983			+	https://www.aiol.info/wp-content/uploads/ATTI_4_CONGRESSO_AIOL_2_3.pdf
		1986-1988	<i>Anabaena planctonica</i> <i>Aphanizomenon flos-aquae</i> <i>Microcystis aeruginosa</i> <i>Gomphosphaeria lacustris</i>	no	Lugliè & Sechi, 1988			+	https://www.aiol.info/wp-content/uploads/ATTI_8_CONGRESSO_AIOL_2_2.pdf
		1994	<i>Anabaena planctonica</i> <i>Microcystis aeruginosa</i>	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
16	Is Barrocos	1994	<i>Aphanizomenon flos-aquae</i> <i>Aphanocapsa</i> sp. <i>Aphanothece</i> sp.	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380

17	Liscia	1978-1979	<i>Anabaena</i> spp. <i>Aphanizomenon flos-aquae</i>	no	Sechi, 1983			+	https://www.aiol.info/wp-content/uploads/ATTI_4_CONGRESSO_AIOL_2_3.pdf
		1985	<i>Anabaena flos-aquae</i> <i>Aphanizomenon flos-aquae</i> <i>Microcystis aeruginosa</i>	no	Sechi, 1986			+	https://hdl.handle.net/11388/263501
		1994	<i>Aphanocapsa</i> sp. <i>Gomphosphaeria aponina</i> <i>Microcystis aeruginosa</i>	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
18	Maccheronis	1978-1979 Posada	<i>Microcystis</i>	no	Sechi & Cossu, 1979			+	https://hdl.handle.net/11388/81911
		1978-1979	<i>Microcystis aeruginosa</i>	no	Sechi, 1983			+	https://www.aiol.info/wp-content/uploads/ATTI_4_CONGRESSO_AIOL_2_3.pdf

		1994 Posada	<i>Aphanizomenon flos-aquae</i> <i>Aphanocapsa</i> sp. <i>Gomphosphaeria aponina</i> <i>Microcystis aeruginosa</i> <i>Oscillatoria</i> spp.	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
19	Medau Zirimilis	1994	<i>Oscillatoria</i> spp.	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
		1994	<i>Oscillatoria</i> spp.	no	Sechi, 2000			+	https://publ.iss.it/ITA/Items/GetPDF?uuiid=0b8f307a-210f-4a3d-a1b2-f4a84784d6ec
20	Monte Pranu	1978-1979	<i>Anabaena</i>	no	Sechi & Cossu, 1979			+	https://hdl.handle.net/11388/81911
		1978-1979	<i>Anabaena</i> spp. <i>Oscillatoria</i> spp.	no	Sechi, 1983			+	https://www.aiol.info/wp-content/uploads/AT

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		1994	<i>Anabaena planctonica</i> <i>Microcystis aeruginosa</i> <i>Oscillatoria</i> spp.	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
21	Monte su Rei	1978-1979 Mulargia	<i>Anabaena</i> spp.	no	Sechi, 1983			+	https://www.aiol.info/wp-content/uploads/AT_TI_4_CONGRESS_O_AIOL_2_3.pdf
		1985 Mulargia	<i>Oscillatoria rubescens</i>	yes	Volterra et al., 1986			+	https://hdl.handle.net/11388/68780
		1985 Mulargia	<i>Oscillatoria rubescens</i>	yes	Contu et al., 1987	+			https://iwaponline.com/wst/article-abstract/19/7/1191/29823/Eutrophication-in-Water-Supply-Reservoirs-

									General?redirectedFrom=fulltext
		1985 Mulargia	<i>Oscillatoria rubescens</i>	no	Sechi & Lugliè, 1987				https://www.aiol.info/wp-content/uploads/ATTI_7_CONGRESSO_AIOL.pdf
		1985 Mulargia	<i>Oscillatoria rubescens</i>	yes	Loizzo et al., 1988	+			https://link.springer.com/article/10.1007/BF00280758
		1985-1989 Mulargia	<i>Anabaena planctonica</i> <i>Oscillatoria rubescens</i> <i>Oscillatoria tenuis</i>	no	Lugliè & Sechi, 1992			+	https://www.aiol.info/wp-content/uploads/ATTI_9_CONGRESSO_AIOL_2_2.pdf
		1985-1990 Mulargia	<i>Anabaena planctonica</i> <i>Oscillatoria rubescens</i> <i>Oscillatoria tenuis</i>	no	Sechi & Lugliè, 1992			+	https://hdl.handle.net/11388/58134
		1987-1990 Mulargia	<i>Anabaena planctonica</i>	yes	Bruno et al., 1994	+	+		https://www.sciencedirect.com/science/a

									rticle/abs/pii/00410 10194900892
		1985-1989 Mulargia	<i>Oscillatoria mougetii</i> <i>Oscillatoria rubescens</i> <i>Oscillatoria tenuis</i>	yes	Bruno et al., 1992	+	+		https://www.sciencedirect.com/science/article/abs/pii/004101019290448E?via%3Dihub
22	Muzzone	1978-1979 Oschiri	<i>Microcystis</i>	no	Sechi & Cossu, 1979			+	https://hdl.handle.net/11388/81911
		1977-1978 Oschiri	<i>Anabaena flos-aquae</i> <i>Anabaena planctonica</i> <i>Anabaena spiroides</i> <i>Aphanizomenon flos-aquae</i> <i>Aphanizomenon gracile</i> <i>Chroococcus dispersus</i> <i>Microcystis aeruginosa</i>	no	Sechi & Manca, 1983			+	https://www.aiol.info/wp-content/uploads/ATTI_4_CONGRESSO_AIOL_2_3.pdf
		1977-1979 Oschiri	<i>Anabaena flos-aquae</i> <i>Aphanizomenon flos-aquae</i> <i>Chroococcus dispersus</i> <i>Microcystis aeruginosa</i>	no	Sechi & Mosello, 1985			+	https://hdl.handle.net/11388/82534

		1978-1979 Oschiri	<i>Chroococcus dispersus</i> <i>Microcystis aeruginosa</i>	no	Sechi, 1983			+	https://www.aiol.info/wp-content/uploads/ATTI_4_CONGRESSO_AIOL_2_3.pdf
		1994 Coghinas	<i>Anabaena flos-aquae</i> <i>Aphanocapsa</i> sp. <i>Aphanizomenon flos-aquae</i> <i>Chroococcus dispersus</i> <i>Microcystis aeruginosa</i> <i>Microcystis flos-aquae</i>	no	Sechi & Lugliè, 1996			+	https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
23	Nuraghe Arrubiu	1978-1979	<i>Anabaena</i>	no	Sechi & Cossu, 1979			+	https://hdl.handle.net/11388/81911
		1978-1979	<i>Aphanizomenon flos-aquae</i>	no	Sechi, 1983			+	https://www.aiol.info/wp-content/uploads/ATTI_4_CONGRESSO_AIOL_2_3.pdf
		1985 Flumendosa	<i>Oscillatoria rubescens</i>	yes	Volterra et al., 1986			+	https://hdl.handle.net/11388/68780

		1985 Flumendosa	<i>Oscillatoria mougetii</i> <i>Oscillatoria rubescens</i> <i>Oscillatoria tenuis</i>	yes	Bruno et al., 1992	+	+		https://www.science-direct.com/science/article/abs/pii/004101019290448E?via%3Dihub
		1985-1990 Flumendosa	<i>Anabaena planctonica</i> <i>Oscillatoria rubescens</i> <i>Oscillatoria tenuis</i>	no	Sechi & Lugliè, 1992			+	https://hdl.handle.net/11388/58134
		1994 Medio Flumendosa	<i>Oscillatoria</i> spp.	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
24	Nuraghe Pranu Antoni	1994	<i>Anabaena spiroides</i> <i>Microcystis aeruginosa</i>	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
25	Pedra e Othoni	1994 Cedrino	<i>Anabaena planctonica</i> <i>Aphanizomenon flo-aquae</i> <i>Microcystis aeruginosa</i>	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380

26	Rio Leni	1994	<i>Aphanocapsa</i> sp.	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
27	Rio Mannu Pattada	1988-1989 Pattada	<i>Anabaena flos-aquae</i> <i>Anabaena planctonica</i> <i>Aphanizomenon flos-aquae</i> <i>Aphanocapsa elachista</i> <i>Aphanothece</i> sp. <i>Gomphosphaeria aponina</i> <i>Microcystis aeruginosa</i> <i>Microcystis flos-aquae</i> <i>Oscillatoria</i> sp. <i>Phormidium mucicola</i>	no	Lugliè et al., 1994			+	https://www.aiol.info/wp-content/uploads/ATTI_10_CONGRESSO_AIOL_1_2.pdf
		1994 Pattada	<i>Aphanizomenon flos-aquae</i> <i>Aphanocapsa</i> sp. <i>Gomphosphaeria aponina</i> <i>Microcystis aeruginosa</i>	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
28	Santa Lucia	1994	<i>Aphanothece</i> spp. <i>Gomphosphaeria aponina</i>	no	Sechi & Lugliè, 1996		+		https://www.tandfonline.com/doi/abs/10.1080/11263509609438380

			<i>Microcystis aeruginosa</i> <i>Oscillatoria</i> spp.						1080/112635096094 38380
29	Simbirizzi	1986-1989	<i>Anabaena flos-aquae</i> var. <i>gracilis</i> <i>Anabaena scheremetievi</i> var. <i>recta</i> <i>Microcystis aeruginosa</i> <i>Oscillatoria rubescens</i> <i>Oscillatoria tenuis</i>	no	Mura et al., 1992			+	https://www.aiol.info/wp-content/uploads/ATTI_9_CONGRESSO_AIOL_2_2.pdf
		1989	<i>Oscillatoria mougetii</i> <i>Oscillatoria rubescens</i> <i>Oscillatoria tenuis</i>	yes	Bruno et al., 1992	+	+		https://www.sciencedirect.com/science/article/abs/pii/S004101019290448E?via%3Dihub
		1986-1990	<i>Anabaena flos-aquae</i> <i>Anabaena Scheremetievi</i> <i>Microcystis aeruginosa</i> <i>Oscillatoria rubescens</i> <i>Oscillatoria tenuis</i>	no	Sechi & Lugliè, 1992			+	https://hdl.handle.net/11388/58134

		1989-1993	<i>Anabaena flos-aquae</i> <i>Anabaena planctonica</i> <i>Anabaena scheremetievi</i> var. <i>recta</i> <i>Aphanizomenon flos-aquae</i> <i>Microcystis aeruginosa</i> <i>Oscillatoria rubescens</i> <i>Oscillatoria tenuis</i>	no	Lugliè et al., 1998			+	https://www.aiol.info/wp-content/uploads/ATTI_12.2_CONGRESSO_AIOL_1_2.pdf
		1994	<i>Aphanizomenon flos-aquae</i> <i>Oscillatoria</i> spp.	no	Sechi & Lugliè, 1996			+	https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
30	Sos Canales	1978-1979	<i>Anabaena</i> spp.	no	Sechi, 1983			+	https://www.aiol.info/wp-content/uploads/ATTI_4_CONGRESSO_AIOL_2_3.pdf
		1991-1993	<i>Anabaena elliptica</i> <i>Anabaena planctonica</i> <i>Aphanocapsa elachista</i>	no	Lugliè et al., 1996			+	https://www.aiol.info/wp-content/uploads/AT

			<i>Aphanothece nidulans</i>						TI_11_CONGRESS O_AIOL_1_4.pdf
		1994	<i>Anabaena</i> spp. <i>Aphanocapsa elachista</i>	no	Sechi & Lugliè, 1996			+	https://www.tandfonline.com/doi/abs/10.1080/11263509609438380
		1994	<i>Anabaena elliptica</i> <i>Anabaena planctonica</i> <i>Aphanocapsa elachista</i>	no	Sechi, 2000			+	https://publ.iss.it/ITA/Items/GetPDF?uuid=0b8f307a-210f-4a3d-a1b2-f4a84784d6ec

Supplementary Table 2. List of Sardinian artificial lakes with their identification number for Figure 1, name, study periods and lake names as reported in the scientific documents, cyanobacteria genera or species as reported in the scientific documents, presence of cyanotoxins data, and their references along the period 2001-2024.

ID lake	Name	Study periods and lake names	Cyanobacteria genera and/or species	Toxicity data	References	WoS	Scopus	Other	Link
1	Alto Temo	2004 Monteleone Roccadoria	<i>Anabaena</i> spp. <i>Aphanizomenon</i> spp. <i>Aphanocapsa</i> spp. <i>Microcystis</i> spp.	yes	Messineo et al., 2009	+	+		https://www.sciencedirect.com/science/article/pii/S0075951108000662?via%3Dihub
		2004 Temo	<i>Chrysochloris</i> <i>(Aphanizomenon) ovalisporum</i>	no	Lazzaro et al., 2018			+	https://www.cabidigitallibrary.org/doi/10.1079/9781786390981.0016
		1988-2010 Temo	<i>Cyanocatenella</i> cf. <i>imperfecta</i> <i>Aphanothece</i> sp. <i>Aphanocapsa</i> sp. <i>Pseudanabaena</i> sp.	no	Pulina et al., 2016	+	+		https://www.tandfonline.com/doi/abs/10.1080/11263504.2014.989283

		Not reported Temo	<i>Aphanizomenon</i>	no	Sini et al., 2021	+	+		https://www.mdpi.com/1422-0067/22/16/8726
		1990-2010 Temo	<i>Aphanizomenon flosaquae</i> <i>Aphanizomenon</i> spp. <i>Aphanocapsa</i> spp. <i>Aphanothece</i> sp. <i>Chrysosporum ovalisporum</i> <i>Cyanocatena cf. imperfecta</i> <i>Dolichospermum</i> spp. <i>Merismopedia</i> sp. <i>Microcystis aeruginosa</i> <i>Microcystis</i> spp. <i>Planktothrix</i> sp. <i>Pseudanabaena</i> sp.	no	Padedda et al., 2021			+	https://zenodo.org/records/5570326
2	Bau Muggeris	1990-1997 Alto Flumendosa	<i>Anabaena planctonica</i> <i>Aphanocapsa delicatissima</i> <i>Aphanothece clathrata</i> <i>Planktothrix rubescens</i> <i>Woronichinia naegeliana</i>	no	Meregalli et al., 2002			+	https://www.aiol.info/wp-content/uploads/ATTI_15_CONGRESSO_AIOL.pdf

		1993-2003 Alto Flumendosa	<i>Anabaena planctonica</i> <i>Aphanizomenon flos-aquae</i> <i>Aphanocapsa</i> sp. <i>Aphanothece clathrate</i> <i>Aphanothece nidulans</i> <i>Gomphosphaeria</i> sp. <i>Microcystis</i> sp. <i>Oscillatoria</i> <i>aghardii-rubescens</i> <i>Woronichinia naegeliana</i>	yes	Cattina, 2005			+	https://www.iss.it/documents/20126/955767/Distiller+di+05-29.1133863498.pdf/f3cf0074-288f-8e5d-c7a7-31b6a2ddc8bc?version=1.1&t=1575580752405&download=true
		1990-2010 Alto Flumendosa	<i>Dolichospermum</i> spp. <i>Microcystis botrys</i> <i>Planktothrix rubescens</i> <i>Woronichinia naegaeliana</i>	yes	Manganelli et al., 2014			+	https://www.iss.it/documents/20126/45616/14_20_web.pdf/dee4169c-1e11-db4d-28d6-c43a4618333f?t=1581099010757
		2011-2013 Alto Flumendosa	<i>Dolichospermum</i> <i>planctonicum</i>	yes	Stefanelli et al., 2017	+	+		https://www.pagepressjournals.org/

			<i>Microcystis botrys</i> <i>Planktothrix rubescens</i> <i>Woronichinia naegeliana</i>						aiol/article/view/6352/6395
4	Benzone	2004	<i>Aphanocapsa</i> spp. <i>Lyngbya</i> sp. <i>Microcystis</i> spp.	yes	Messineo et al., 2009	+	+		https://www.sciencedirect.com/science/article/pii/S0075951108000662?via%3Dihub
5	Bidighinzu	1988-1989	<i>Anabaena flos-aquae</i> <i>Aphanizomenon flos-aquae</i> <i>Microcystis aeruginosa</i> <i>Microcystis flos-aquae</i> <i>Oscillatoria tenuis</i> <i>Phormidium mucicola</i>	no	Lugliè et al., 2001	+	+		https://www.tandfonline.com/doi/abs/10.1080/11263509309428129
		1996-1997	<i>Aphanizomenon flos-aquae</i> <i>Aphanocapsa</i> sp. <i>Anabaena planctonica</i> <i>Merismopedia tenuissima</i> <i>Microcystis aeruginosa</i> <i>Pseudanabaena mucicola</i>	no	Aktan et al., 2009	+	+		https://dergipark.org.tr/tr/download/article-file/141824

		2003	<i>Cyanocatena</i> sp.	yes	Messineo et al., 2009	+	+		https://www.sciencedirect.com/science/article/pii/S0075951108000662?via%3Dihub
		1978-2012	<i>Aphanizomenon flos-aquae</i> <i>Cyanocatena</i> <i>Microcystis</i> spp.	no	Mariani et al., 2015a	+	+		https://www.tandfonline.com/doi/abs/10.5268/IW-5.4.868
		2010-2011	<i>Anathece</i> sp. <i>Aphanizomenon flos-aquae</i> <i>Aphanizomenon klebahnii</i> <i>Aphanizomenon</i> sp. <i>Aphanocapsa incerta</i> <i>Aphanocapsa</i> spp. <i>Chroococcus</i> sp. <i>Coelosphaerium</i> sp. <i>Cyanobium</i> sp. <i>Cyanocatena cf imperfecta</i> <i>Dolichospermum flos-aquae</i>	yes	Mariani et al., 2015b	+	+		https://www.nature.com/articles/srep17964

			<i>Dolichospermum macrosporum Dolichospermum planctonicum Dolichospermum spp. Dolichospermum spiroides Dolichospermum viguieri Lyngbya sp. Johannesbaptista sp. Merismopedia punctata Merismopedia sp. Microcystis aeruginosa Microcystis flos-aquae Microcystis sp. Microcystis wesenbergii Planktolyngbya sp. Planktotothrix agardhii- rubescens group Planktotothrix rubescens Planktotothrix sp.</i>					
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			<i>Pseudanabaena</i> sp. <i>Snowella lacustris</i> <i>Snowella</i> sp.						
		1988-2015	<i>Aphanocapsa</i> sp. <i>Aphanothece</i> sp. <i>Chroococcus</i> sp. <i>Dolichospermum flos-aquae</i> <i>Dolichospermum spiroides</i> <i>Merismopedia tenuissima</i> <i>Merismopedia</i> sp.	no	Pulina et al., 2019	+	+		https://natureconservation.pensoft.net/article/30116/
		2014-2015	<i>Aphanizomenon flos-aquae</i> <i>Aphanizomenon</i> sp. <i>Aphanocapsa incerta</i> <i>Aphanocapsa</i> sp. <i>Aphanothece</i> sp. <i>Chroococcus</i> sp. <i>Cyanocatena</i> sp. <i>Coelosphaerium</i> sp. <i>Dolichospermum flos-aquae</i>	yes	Lugliè et al., 2017	+	+		https://www.mdpi.com/2076-2607/5/4/72

			<i>Dolichospermum planctonicum</i> <i>Dolichospermum</i> sp. <i>Dolichospermum spiroides</i> <i>Dolichospermum viguierii</i> <i>Merismopedia punctata</i> <i>Merismopedia tenuissima</i> <i>Microcystis aeruginosa</i> <i>Microcystis</i> sp. <i>Planktolyngbya</i> sp. <i>Planktothrix</i> sp. <i>Pseudanabaena</i> sp. <i>Other Pseudanabaenaceae</i> <i>Snowella lacustris</i> <i>Snowella</i> sp. <i>Woronichinia compacta</i> <i>Woronichinia naegeliana</i> <i>Woronichinia</i> sp. <i>Other Cyanophyceae</i>					
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		Not reported	<i>Dolichospermum</i>	no	Sini et al., 2021	+	+		https://www.mdpi.com/1422-0067/22/16/8726
		2006-2015	<i>Aphanizomenon flosaquae</i> <i>Dolichospermum planctonicum</i> <i>Aphanocapsa incerta</i> <i>Merismopedia tenuissima</i> <i>Merismopedia tranquilla</i> <i>Aphanothece</i> sp. <i>Coelosphaerium</i> sp. <i>Cyanocatena</i> sp.	no	Pulina et al., 2022	+	+		https://academic.oup.com/plankt/article/44/2/208/6533420
		1988-2011	<i>Aphanizomenon flosaquae</i> <i>Aphanizomenon klebahnii</i> <i>Aphanocapsa</i> spp. <i>Aphanothece</i> spp. <i>Chroococcus</i> spp. <i>Coelosphaerium</i> spp. <i>Cyanocatena imperfecta</i> <i>Cyanocatena</i> spp.	no	Padedda et al., 2021			+	https://zenodo.org/records/5570326

			<i>Dolichospermum flosaquae</i> <i>Dolichospermum macrosporum</i> <i>Dolichospermum</i> spp. <i>Dolichospermum viguieri</i> <i>Microcystis aeruginosa</i> <i>Microcystis</i> spp. <i>Pseudanabaena</i>						
5	Cantoniera	2009 Omodeo	<i>Anabaena circinalis</i> <i>Microcystis</i> spp. <i>Planktothrix</i> sp.	no	Bresciani et al., 2012	+	+		https://www.tandfonline.com/doi/epdf/10.5721/EuJRS20124530?needAccess=true
10	Cucchinadorza	2004	<i>Aphanocapsa</i> spp. <i>Lyngbya</i> sp. <i>Microcystis</i> spp.	yes	Messineo et al., 2009	+	+		https://www.sciencedirect.com/science/article/pii/S0075951108000662?via%3Dihub
11	Cuga	1980-2013	<i>Aphanizomenon flosaquae</i> <i>Dolichospermum flosaquae</i>	no	Padedda et al., 2021			+	https://zenodo.org/records/5570326

			<i>Microcystis aeruginosa</i>						
13	Genna is Abis	1996-2012 Cixerri	<i>Aphanizomenon flos-aquae</i> <i>Aphanizomenon gracile</i> <i>Aphanizomenon issatschenkoi</i> <i>Cylindrospermopsis</i> sp. <i>Dolichospermum flos-aquae</i> <i>Dolichospermum spiroides</i> <i>Dolichospermum</i> <i>planctonicum</i> <i>Microcystis aeruginosa</i> <i>Planktothrix</i>	no	Sulis et al., 2014		+		https://www.mdpi.com/2072-6651/6/4/1366
14	Govossai	2004	<i>Aphanocapsa</i> spp. <i>Merismopedia</i> sp. <i>Microcystis</i> spp.	yes	Messineo et al., 2009	+	+		https://www.sciencedirect.com/science/article/pii/S075951108000662?via%3Dihub
15	Gusana	2004	<i>Aphanocapsa</i> spp. <i>Lyngbya</i> sp. <i>Microcystis</i> spp.	yes	Messineo et al., 2009	+	+		https://www.sciencedirect.com/science/article/pii/S075951108000662?via%3Dihub

									75951108000662? via%3Dihub
16	Is Barrocus	1996-2012	<i>Anabaena aphanizomenoides</i> <i>Aphanocapsa</i> sp. <i>Anathece</i> sp. <i>Dolichospermum flos-aquae</i> <i>Microcystis aeruginosa</i>	no	Sulis et al., 2014		+		https://www.mdpi.com/2072-6651/6/4/1366
17	Liscia	1991, 2000	<i>Microcystis aeruginosa</i>	yes	Mattei & Stefanelli, 2008			+	https://www.iss.it/documents/20126/45616/08-6+web.1208243077.pdf/cc4297bf-bc5e-381a-ad2b-7e465394b66f?t=1581098527775
		1991-2004	<i>Anabaena</i> spp. <i>Aphanocapsa</i> spp. <i>Aphanothece</i> spp. <i>Lyngbya</i> sp. <i>Microcystis</i> spp.	yes	Messineo et al., 2009	+	+		https://www.sciencedirect.com/science/article/pii/S0075951108000662? via%3Dihub

			<i>Pseudanabaena mucicola</i>						
		Not reported	<i>Aphanizomenon</i> <i>Microcystis</i>	no	Sini et al., 2021	+	+		https://www.mdpi.com/1422-0067/22/16/8726
18	Maccheronis	2004 Posada	<i>Anabaena planctonica</i> <i>Anabaena</i> spp. <i>Aphanocapsa</i> spp. <i>Lyngbya</i> sp. <i>Microcystis</i> spp. <i>Pseudanabaena mucicola</i>	yes	Messineo et al., 2009	+	+		https://www.sciencedirect.com/science/article/pii/S0075951108000662?via%3Dihub
21	Monte su Rei	1990 Mulargia	<i>Anabaena planctonica</i> <i>Anabaena</i> spp. <i>Planktothrix</i> spp.	yes	Messineo et al., 2009	+	+		https://www.sciencedirect.com/science/article/pii/S0075951108000662?via%3Dihub
		1996-2012 Mulargia	<i>Microcystis</i> sp. <i>Planktothrix agardhii-rubescens</i> group	no	Sulis et al., 2014		+		https://www.mdpi.com/2072-6651/6/4/1366
		2013-2018 Mulargia	<i>Planktothrix rubescens</i>	no	Bresciani et al., 2019	+	+		https://www.tandfonline.com/doi/ep

									df/10.1080/22797254.2019.1686956?needAccess=true
22	Muzzone	2019-2020 Coghinas	<i>Microcystis aeruginosa</i>	yes	Sini et al., 2024	+	+		https://www.frontiersin.org/journals/immunology/articles/10.3389/fimmu.2024.1360068/full
23	Nuraghe Arrubiu	1989 Flumendosa	<i>Planktothrix</i> spp.	yes	Messineo et al., 2009	+	+		https://www.sciencedirect.com/science/article/pii/S075951108000662?via%3Dihub
		1996-2012	<i>Dolichospermum</i> <i>Microcystis</i> <i>Planktothrix agardhii</i> - <i>rubescens</i> group	no	Sulis et al., 2014		+		https://www.mdpi.com/2072-6651/6/4/1366

25	Pedra e Othoni	1998 Cedrino	<i>Microcystis aeruginosa</i>	yes	Mattei & Stefanelli, 2008			+	https://www.iss.it/documents/20126/45616/08-6+web.1208243077.pdf/cc4297bf-bc5e-381a-ad2b-7e465394b66f?t=1581098527775
		1998 Cedrino	<i>Microcystis spp.</i>	yes	Messineo et al., 2009	+	+		https://www.sciencedirect.com/science/article/pii/S075951108000662?via%3Dihub
		2003-2004 Cedrino	<i>Cylindrospermopsis raciborskii</i>	yes	Mattei & Stefanelli, 2008			+	https://www.iss.it/documents/20126/45616/08-6+web.1208243077.pdf/cc4297bf-bc5e-381a-ad2b-7e465394b66f?t=1581098527775

									7e465394b66f?t=1581098527775
		2003 Cedrina	<i>Cylindrospermopsis raciborskii</i>	no	Padedda et al., 2012			+	http://www.vb.irs.a.cnr.it/crypta/ebooks/La%20rete%20italiana%20LTER.pdf
		2007-2008 Cedrina	<i>Anabaena</i> <i>Aphanizomenon</i> <i>Aphanocapsa</i> <i>Microcystis</i> <i>Woronichinia</i>	no	Padedda & Sechi, 2008			+	https://hdl.handle.net/11388/88568
		2010-2011 Cedrina	<i>Aphanizomenon flosaquae</i> <i>Aphanocapsa</i> spp. <i>Aphanothece</i> sp. <i>Chroococcales</i> unidentified <i>Chroococcus</i> sp. <i>Coelosphaerium</i> sp. <i>Cyanobium</i> sp. <i>Dolichospermum flos-aquae</i>	no	Padedda et al., 2017	+	+		https://www.sciencedirect.com/science/article/pii/S2351989417301208?via%3Dihub

			<i>Dolichospermum planctonicum</i> <i>Dolichospermum</i> sp. <i>Merismopedia</i> sp. <i>Microcystis aeruginosa</i> <i>Microcystis flos-aquae</i> <i>Microcystis</i> spp. <i>Snowella</i> sp. <i>Woronichinia</i> sp.						
		1988-2012 Cedrino	<i>Aphanizomenon flosaquae</i> <i>Dolichospermum planctonicum</i> <i>Microcystis aeruginosa</i> <i>Microcystis</i> spp.	no	Padedda et al., 2021			+	https://zenodo.org/records/5570326
28	Rio Mannu Pattada	1988-2000 Pattada	<i>Anabaena crassa</i> <i>Anabaena flos-aquae</i> <i>Anabaena planctonica</i> <i>Anabaena spiroides</i> <i>Anabaena</i> spp. <i>Aphanizomenon flos-aquae</i>	no	Mameli et al., 2002			+	https://www.aiol.info/wp-content/uploads/ATTI_15_CONGR_ESSO_AIOL.pdf

			<i>Aphanizomenon</i> sp. <i>Aphanocapsa elachista</i> <i>Aphanocapsa</i> spp. <i>Aphanothece</i> spp. <i>Coelosphaerium</i> sp. <i>Gomphosphaeria aponina</i> <i>Gomphosphaeria</i> sp. <i>Lemmermanniella</i> sp. <i>Merismopedia</i> sp. <i>Microcystis aeruginosa</i> <i>Microcystis flos-aquae</i> <i>Microcystis pulvurea</i> var. <i>incerta</i> <i>Oscillatoria</i> sp. <i>Pseudanabaena mucicola</i> <i>Pseudanabaena</i> sp. <i>Snowella lacustris</i> <i>Snowella</i> sp. <i>Spirulina</i> sp. <i>Woronichinia naegeliana</i>					
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			<i>Woronichinia</i> sp.						
		2004 Pattada	<i>Anabaena</i> spp. <i>Aphanocapsa</i> spp. <i>Aphanothece</i> spp. <i>Woronichinia</i> spp.	yes	Messineo et al., 2009	+	+		https://www.sciencedirect.com/science/article/pii/S0075951108000662?via%3Dihub
		2010-2011 Pattada	<i>Anathece</i> cf <i>chlitrata</i> <i>Anathece</i> sp. <i>Aphanizomenon flos-aquae</i> <i>Aphanizomenon</i> sp. <i>Aphanocapsa delicatissima</i> <i>Aphanocapsa incerta</i> <i>Aphanocapsa</i> spp. <i>Chroococcus</i> sp. <i>Coelosphaerium</i> sp. <i>Cyanobium</i> sp. <i>Cyanocatena</i> cf <i>imperfecta</i> <i>Dolichospermum flos-aquae</i> <i>Dolichospermum macrosporum</i>	yes	Mariani et al., 2015b	+	+		https://www.nature.com/articles/srep17964

			<i>Dolichospermum planctonicum Dolichospermum spp. Dolichospermum spiroides Dolichospermum viguieri, Lyngbya sp. Merismopedia sp., Microcystis aeruginosa Microcystis flos-aquae Microcystis sp. Microcystis wesenbergii, Planktolyngbya sp. Planktotothrix agardhii- rubescens group Planktotothrix rubescens Planktotothrix sp. Pseudanabaena sp. Snowella lacustris Snowella sp. Woronichinia compacta</i>					
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			<i>Woronichinia naegeliana</i>						
		Not reported Lerno	<i>Planktothrix</i>	no	Padedda et al., 2012			+	http://www.vb.irs.a.cnr.it/crypta/ebooks/La%20rete%20italiana%20LTER.pdf
		Not reported Lerno	<i>Microcystis</i>	no	Sini et al., 2021	+	+		https://www.mdpi.com/1422-0067/22/16/8726
		1988-2013 Lerno	<i>Aphanizomenon flosaquae</i> <i>Aphanocapsa</i> spp. <i>Dolichospermum flosaquae</i> <i>Dolichospermum macrosporum</i> <i>Dolichospermum viguieri</i> <i>Microcystis aeruginosa</i> <i>Microcystis flosaquae</i> <i>Planktothrix agardhii</i> – <i>rubescens</i> group <i>Pseudanabaena mucicola</i>	no	Padedda et al., 2021			+	https://zenodo.org/records/5570326

29	Rio Torrei	2004-2005	<i>Aphanothece</i> sp. <i>Lyngbya</i> sp. <i>Planktothrix</i> spp.	yes	Messineo et al., 2009	+	+	https://www.sciencedirect.com/science/article/pii/S0075951108000662?via%3Dihub
		2010-2011	<i>Aphanizomenon</i> sp. <i>Aphanocapsa</i> spp. <i>Dolichospermum planctonicum</i> <i>Dolichospermum</i> spp. <i>Microcystis</i> sp. <i>Planktothrix agardhii-rubescens</i> group <i>Planktotothrix</i> sp. <i>Pseudanabaena</i> sp.	yes	Mariani et al., 2015b	+	+	https://www.nature.com/articles/srep17964
30	Sos Canales	2010-2011	<i>Aphanothece minutissima</i>	no	Fadda et al., 2014	+	+	https://www.limnology-journal.org/articles/limn/abs/2014/0

									4/limn140027/limn140027.html
		2010-2011	<i>Aphanothece minutissima</i>	no	Fadda et al., 2016	+	+		https://www.limnology-journal.org/articles/limn/abs/2016/01/limn160052/limn160052.html
		2010-2011	<i>Anathece minutissima</i> <i>Anathece</i> sp. <i>Aphanizomenon</i> sp. <i>Aphanocapsa</i> spp. <i>Dolichospermum planctonicum</i> <i>Dolichospermum</i> spp. <i>Dolichospermum viguieri</i> <i>Planktotothrix</i> sp. <i>Pseudanabaena</i> sp. <i>Woronichinia compacta</i>	yes	Mariani et al., 2015b	+	+		https://www.nature.com/articles/srep17964

		1988-2013	<i>Anathece</i> sp. <i>Dolichospermum</i> spp. <i>Dolichospermum viguieri</i> <i>Planktothrix agardhii</i> - <i>rubescens</i> group	no	Padedda et al., 2021			+	https://zenodo.org/records/5570326
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