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		(mg/l)	( )	
Selenastrum capricornutum	24h EC50( )	0.015 (n)	24	Chen & Lin (1997)
	72h EC50( )	0.039 (m)	22	Muyssen & Janssen (2001a)
	72h EC50( )	0.117 (m)	22	
Chlorella vulgaris	96h EC50( )	2.4 (n)	15.5	Rachlin & Farran (1974)
	72h EC50( )	2.4 (n)	25	Wren & McCarroll (1990)
	72h EC50( )	0.034 (m)	22	Muyssen & Janssen (2001a)
	72h EC50( )	0.105 (m)	22	
Navicula incerta	9h EC50( )	10.0	25	Rachlin *et al.* (1983)
Elodea canadensis	24h EC50 ( )	8.1 (n)		Brown & Rattigan (1979)

h:

		(mg/l)	( )	pH	
Aspidisca cicada	24h LC50	2.4	20	7.3	Madoni *et al.* (1992)
	24h LC50	50.0	20	7.6	
A. lynceus	24h LC50	50.0	20	7.6	
Blepharisma americanum	24h LC50	1.05	20	7.3	
Colpidium campulum	24h LC50	1.85	20	7.3	
Euplotes affinis	24h LC50	3.10	20	7.3	
E. patella	24h LC50	50.0	20	7.3	
E. sp.	24h LC50	2.39	20		
Paramecium caudatum	24h LC50	2.50	20	7.3	
Uronema nigricans	24h LC50	< 0.170	20	7.3	
Colpoda cuculus	168 EC50s	1.37			Janssen *et al.* (1995)
Chilodonella uncinata	24h LC50	2.9	20	7.6	Madoni *et al.* (1996)
Opercularia coacratta	24h LC50	10.3	20	7.6	
Opercularia minima	24h LC50	0.2	20	7.6	

h, d, w (n) (m)

			mg/l	CaCO3 (mg/L)		pH	
Sludge Worm *Tubifex tubifex*		48h LC50	0.11 (n)	0.1	20	6.3	BrkovicPopovic & Popovic (1977)
		48h LC50	2.98 (n)	34.2	20	6.85	
		48h LC50	2.57 (n)	34.2	20	7.2	
		48h LC50	60.2 (n)	261	20	7.32	
		48h LC50	21.13 (n)	245	30	7.6	Khangarot (1991)
		96h LC50	17.78 (n)	245	30	7.6	
		48h LC50	20.81(m)	237	20	7.5	Rathore & Khangarot (2002)
		96h LC50	14.74(m)	237	20	7.5	
Oligochaete *Lumbriculus variegatus*		48h LC50	8.1(n)	30	20	7.8	Bailey & Liu (1980)
		96h LC50	6.3(n)	30	20	7.8	
Snail *Amnicola* sp.	eggs	96h LC50	20.2 (m)	50	17	7.6	Rehwoldt *et al.* (1973)
	adult	96h LC50	14 (m)	50	17	7.6	
Pond snail *Lymnaea luteola*		48h LC50	15.40 (m)	195	17.5	7.4	Khangarot & Ray (1987b)
		96h LC50	11 (m)	195	17.5	7.4	
		48h LC50	11.58 (m)	198	22	7.4	
		96h LC50	8.01 (m)	198	22	7.4	
		48h LC50	6.75 (m)	205	26	7.6	
		96h LC50	5 (m)	205	26	7.6	
		48h LC50	3.8 (m)	203	32	7.3	

		96h LC50	1.68 (m)	203	32	7.3	
Mollusc *Ancylus fluviatilis*	<2 mm	96h LC50	3.2 (n)		10		Willis (1988)
	>3 mm	96h LC50	4.5 (n)		10		
Annelid *Erpobdella oculata*	<4 mg	96h LC50	2.05 (n)		10		
	>15 mg	96h LC50	8.8 (n)		10		
Bristle worm *Nais* sp.		96h LC50	18.4 (m)	50	17	7.6	Rehwoldt *et al.* (1973)
Water flea *Daphnia magna*		48h LC50	0.1 (n)	4453	1719	7.48.2	Biesinger & Christensen (1972)
		48h LC50	0.28 (n)	4453	1719	7.48.2	
	<48 h	48h LC50	0.24 (n)	175		6	LeBlanc (1982)
	<24 h	48h LC50	0.151 (n)		20	6.5	Oikari *et al.* (1992)
	<24 h	48h LC50	0.244 (n)		20	6.5	
	<24 h	48h LC50	0.068 (n)	45		7.27.4	Mount & Norberg (1984)
	<24 h	48h LC50	0.75 (n)		20		Arambasic *et al.* (1995)
		48h LC50	1.22 (m)				Magliette *et al.* (1995)
	neonate	48h LC50	0.7989(m)	130	20	6.95	Attar & Maly (1982)
	<24 h	48h LC50	0.098(m)		20		Gale *et al.* (1992)
	Neonate Clone A	48h LC50	0.121(m)	46.1	20	7.2	Barata *et al.* (1998)
	Neonate Clone A	48h LC50	0.378(m)	90.7	20	7.73	
	Neonate Clone A	48h LC50	0.397(m)	179	20	8.07	
	Neonate Clone C	48h LC50	0.239(m)	46.1	20	7.2	
	Neonate	48h LC50	0.878(m)	90.7	20	7.73	

	Clone A						
	Neonate Clone A	48h LC50	0.636(m)	179	20	8.07	
	< 6 h	48h LC50	0.091 (m)	359	2325		Calson & Roush (1985)
	< 6 h	48h LC50	0.134 (m)	380	2325		
	< 6 h	48h LC50	0.124 (m)	274	2325		
	< 6 h	48h LC50	0.224 (m)	353	2325		
	< 6 h	48h LC50	0.114 (m)	376	2325		
	< 6 h	48h LC50	0.096 (m)	392	2325		
	< 6 h	48h LC50	0.264 (m)	362	2325		
	< 6 h	48h LC50	0.196 (m)	392	2325		
	< 6 h	48h LC50	0.041 (m)	45	2325		
	< 6 h	48h LC50	0.032 (m)	45	2325		
		48h LC50	0.56 (n)	240	13	7.6	
D. pulex	<24 h	48h LC50	0.107 (n)	45		7.27.4	Mount & Norberg (1984)
C. dubia	<48 h	48h LC50	>0.53(m)	300	25	6.06.5	SchubauerBerigan & Dierkes (1993)
	<48 h	48h LC50	0.36(m)	300	25	7.07.5	
	<48 h	48h LC50	0.096(m)	300	25	8.08.5	
		48h LC50	0.50 (m)		25		Magliette *et al.* (1995)
	neonate	48h LC50	0.07 (m)	97.6	25	6	Belanger & Cherry (1990)
		48h LC50	0.101 (m)	97.6	25	8	
		48h LC50	0.109 (m)	97.6	25	9	
		48h LC50	0.065 (m)	113.6	25	6	
		48h LC50	0.120 (m)	113.6	25	8	
		48h LC50	0.131 (m)	113.6	25	9	

		48h LC50	0.105 (m)	182	25	6	
		48h LC50	0.123 (m)	182	25	8	
		48h LC50	0.153 (m)	182	25		
	neonate	48h LC50	0.1993 (n)	7090	20		Diamond *et al.* (1997)
		7d LC50	0.1 (n)	6080	20	6.07.0	GillespieJr *et al.* (1999)
	<24 h	48h LC50	0.1227 (n)	81	25	7.74	Nelson & Roline (1998)
C. reticulata	<24 h	48h LC50	0.076 (n)	45		7.27.4	Mount & Norberg (1984)
	<6 h	48h LC50	0.032(m)	45	2325		Calson & Roush (1985)
D. hyalina	1.27 mm	48h LC50	0.04 (n)		10	7.2	Baudouin & Scoppa (1974)
D. lumholtzi		48h LC50	2.29 (n)	200	28.5	7.9	Vardia *et al.* (1988)
		96h LC50	0.44 (n)	200	28.5	7.9	
Moina irrasa	<24 h	48h LC50	0.037 (n)	<5	20	5	Zou & Bu (1994)
		48h LC50	0.073 (n)	<5	20	6.5	
		96h LC50	0.049 (n)	<5	20	6.5	
		48h LC50	0.099 (n)	<5	20	8	
		48h LC50	0.024 (n)	<5	25	5	
		48h LC50	0.045 (n)	<5	25	6.5	
		48h LC50	0.059 (n)	<5	25	8	
M. macrocopa		48h LC50	1.17 (n)		2427	6.5	Wong (1992)
Copepod *Cyclops abyssorum*	1.27 mm	48h LC50	5.5 (n)		10	7.2	Baudouin & Scoppa (1974)
Copepod *Eudiaptomus padanus*	1.27 mm	48h LC50	0.50 (n)		10	7.2	
Copepod *Parastenocaris germanica*	adult	48h LC50	4.5 (m)	10*	10.5	6.8	Notenboom *et al.* (1992)
	adult	96h LC50	1.7 (m)		10.5	6.8	

Copepod *Tropocyclops prasinus mexicanus*	adult	48h LC50	0.052 (n)	10	18.1	6.65	Lalande & PinelAllol (1986)
	adult	48h LC50	0.264 (n)	10	18.1	6.4	
	adult	48h LC50	2.934 (n)		18.1	7.1	
Amphipod *Gammarus* sp.		96h LC50	8.1 (m)	50	17	7.6	Rehwoldt *et al.* (1973)
Amphipod *Crangonyx pseudogracilis*	4 mm	48h LC50	121 (n)	50	13	6.75	Martin & Holdich (1986)
	4 mm	96h LC50	19.8 (n)	50	13	6.75	
Isopod *Asellus aquaticus*	7 mm	96h LC50	18.2 (n)	50	13	6.75	
Ostracod *Cypris subglobosa*		48h LC50	34.99 (n)	200	28.5	7.9	Vardia *et al.* (1988)
		96h LC50	8.35 (n)	200	28.5	7.9	
Harpacticoid *Nitocra spinipes*	adult	96h LC50	4.3 (n)	7	21	7.8	Linden *et al.* (1979)
Rotifer *Brachionus calyciflorus*	juvenile	24h LC50	1.32 (n)	36.2	20	7.3	Couillard *et al.* (1989)
		24h LC50	1.3 (n)		25		Snell *et al.* (1991)
Chironomus sp.		96h LC50	18.2 (m)	50	17	7.6	Rehwoldt *et al.* (1973)
C. tentans	3rd instar	48h EC50	8.2 (n)	25	13	6.3	Khangarot & Ray (989a)
Caddisfly Unidentified		96h LC50	58.1 (m)	50	17	7.6	Rehwoldt *et al.* (1973)
Damselfly Unidentified		96h LC50	26.2 (m)	50	17	7.6	
Hyalella azteca	714 d	96h LC50	1.2 (m)	300	25	6.06.5	SchubauerBerigan & Dierkes (1993)
	714 d	96h LC50	1.5 (m)	300	25	7.07.5	
	714 d	96h LC50	0.29 (m)	300	25	8.08.5	
Crayfish *Orconectes virilis*	adult	2w LC50	84 (m)	26	18	7.1	Mirenda (1986)

Ancylus fluviatilis	3mm > bl	96h LC50	4.5 (n)		10		Willis (1988)
	3mm > bl	100d LC50	0.13 (n)		10		
	2mm < bl	96h LC50	3.2 (n)		10		
	2mm < bl	100d LC50	0.08 (n)		10		
Anodonta cygnea		48h EC50 ( )	0.0691 (n)		13	8	Huebner & Pynnonen (1992)
Zebra mussel *Dreissena polymorpha*	1.62.0 cm	48h EC50 (filtration rate)	1.35(m)	150	15	7.9	Kraak *et al.* (1994a)
	1.62.2 cm	48h EC50 (filtration rate)	0.56 (m)	150	15	7.9	Kraak *et al.* (1994b)
	1.62.2cm	3w EC50 (filtration rate)	0.131 (m)	150	15	7.9	
Anodonta imbecillis	< 2d	48h LC50	0.355(m)	39	23		Keller & Zam (1991)
	< 2d	96h LC50	0.268(m)	39	23		
	< 2d	48h LC50	0.588(m)	45	23		
	< 2d	96h LC50	0.618(m)	45	23		
Corbicula fluminea	10-21mm	96h EC50 ( )	6.04(m)			7.7	Rodgers *et al.* (1980)
Physa gyrina	adult	96h LC50	1.274(m)	36	15	6.9	Nebeker *et al.* (1986)
	adult	30d LC50	1.274(m)	36	15	6.9	

			(mg/l)	(CaCO3 mg/l)		pH	
Chinook salmon *Oncorhynchus tshawytscha*	fry	96h LC50	1.27 (n)	211	12	7.4-8.3	Hamilton & Buhl (1990)
	juvenile	96h LC50	0.084 (m)	20-21	11-13	7.17.2	Finlayson & Verrue (1982)
	alevin	96h LC50	>0.661 (m)	23	12	7.1	Chapman (1978*b*)
	swimup	96h LC50	0.097 (m)	23	12	7.1	
	parr	96h LC50	0.463 (m)	23	12	7.1	
	smolt	96h LC50	0.701 (m)	23	12	7.1	
Coho salmon *O. kisutch*	alevin	96h LC50	0.727 (n)	41.3	12	7.1-8.0	Buhl & Hamilton (1990)
	0.47 g	96h LC50	0.82 (n)	41.3	12	7.1-8.0	
	0.63 g	96h LC50	1.81 (n)	41.3	12	7.1-8.0	
	0.94 g	96h LC50	1.65 (n)	41.3	12	7.1-8.0	
	2.7 kg	96h LC50	0.905 (m)	25	14	7.4	Chapman & Stevens (1978)
Rainbow trout *O. mykiss*	alevin	96h LC50	2.17 (n)	41	12	7.1-8.0	Buhl & Hamilton (1990)
	0.60 g	96h LC50	0.169 (n)	41	12	7.1-8.0	
	juvenile	96h LC50	0.55 (m)			6.4-8.3	Hale (1977)
	alevin	96h LC50	0.815 (m)	23	12	7.1	Chapman (1978*b*)
	swimup	96h LC50	0.093 (m)	23	12	7.1	

	parr	96h LC50	0.136 (m)	23	12	7.1	
	smolt	96h LC50	>0.651 (m)	23	12	7.1	
	2.7 kg	96h LC50	1.76 (m)	83	10.3	7.45	Chapman & Stevens (1978)
	juvenile	96h LC50	0.43 (n)	26	15	6.8	Sinley *et al.* (1974)
	juvenile	96h LC50	7.21 (n)	333	15	7.81	
	25-70 g	96h LC50	2.6 (m)	137	12.7	7.3	Meisner & Quan Hum (1987)
	160-290 g	96h LC50	2.4 (m)	143.4	12.9	7.1	
	juvenile	96h LC50	0.37 (m)	46.8	14.9	7.63	Holcombe & Andrew (1978)
	juvenile	96h LC50	0.51 (m)	47	15.2	7.58	
	juvenile	96h LC50	0.756 (m)	44.4	15	7.38	
	juvenile	96h LC50	2.51 (m)	177.6	14.9	7.41	
	juvenile	96h LC50	2.96 (m)	179	15.7	7.17	
	juvenile	96h LC50	1.91 (m)	169.7	14.8	7.31	
	51-76mm	96h LC50	0.55 (n)			6.48.3	Hale (1977)
	juvenile	96h LC50	0.88 (m)	31.4	15	5.56	Bradley & Sprague (1985)
	juvenile	96h LC50	11.1 (m)	389	15	5.59	
	juvenile	96h LC50	9.95 (m)	394	15	5.46	
	juvenile	96h LC50	0.17 (m)	30.2	15	7	
	juvenile	96h LC50	0.19 (m)	31.2	15	7.04	
	juvenile	96h LC50	0.11 (m)	31.3	15	6.97	

	juvenile	96h LC50	4.46 (m)	387	15	6.99	
	juvenile	96h LC50	5.16 (m)	389	15	7.05	
	juvenile	96h LC50	4.53 (m)	30.9	15	9.01	
	juvenile	96h LC50	>87.9 (m)	373	15	8.97	
Sockeye salmon	parr	96h LC50	0.749 (m)	22	12	7.3	Chapman (1978*a*)
O. nerke	0.24mg/l	96h LC50	1.633 (m)	22	12	7.3	Chapman (1978*a*)
Cutthroat trout Salmo clarki	0.6 g	96h LC50	0.152	38	10	7.5	Mayer & Ellersieck (1986)
	0.9 g	96h LC50	0.6	43	15	7.5	
	0.9 g	96h LC50	0.13	40	10	7.8	
	1.0 g	96h LC50	0.061	40	10	8.5	
	1.0 g	96h LC50	0.1	38	10	6.5	
	1.0 g	96h LC50	0.074	38	5	7.5	
	1.59 g	96h LC50	0.09 (m)		14.3	6.67.6	Rabe & Sappington (1970)
Brook Trout *Salvelinus fonttinalis*	juvenile	96h LC50	1.55 (m)	46.8	14.9	7.63	Holcombe *et al.* (1979)
	juvenile	96h LC50	2.12 (m)	47	15.2	7.58	
	juvenile	96h LC50	2.42 (m)	44.4	15	7.38	
	juvenile	96h LC50	6.14 (m)	177.6	14.9	7.41	

	juvenile	96h LC50	6.98 (m)	179	15.7	7.17	
	juvenile	96h LC50	4.98 (m)	169.7	14.8	7.31	
Brown Trout		14d LC50	0.64 (m)		8.6-12.0	7.3	Nehring & Goettl Jr. (1974)
Fathead minnow	79 mg	96h LC50	2.61 (n)	220	25	7.8	Broderius & Smith (1979)
Pimephale spromelas	12 g	96h LC50	0.96 (n)	20	25	7.5	Pickering & Henderson (1966)
	12 g	96h LC50	0.78 (n)	20	25	7.5	
	12 g	96h LC50	33.4 (n)	360	25	8.2	
	12 g	96h LC50	0.88 (n)	20	25	7.5	
	12 g	96h LC50	0.77 (n)	20	25	7.5	
	12 g	96h LC50	2.33 (n)	20	15	7.5	
	12 g	96h LC50	2.55 (n)	20	15	7.5	
	immature	96h LC50	9.2 (m)	203		7.7	Brungs (1969)
	<24 h	96h LC50	0.238 (m)	48	25		Norberg & Mount (1985)
	juvenile	96h LC50	2.148 (m)	380	2325		Calson & Roush (1985)
	juvenile	96h LC50	2.159 (m)	362	2325		
	juvenile	96h LC50	2.0 (m)	374	2325		
	juvenile	96h LC50	0.396 (m)	45	2325		
	juvenile	96h LC50	0.6 (m)	46	25	7.08.0	Benoit & Holcombe (1978)
	<24 h	96h LC50	0.78 (m)	300	25	6.06.5	SchubauerBerigan & Dierkes

	<24 h	96h LC50	0.33 (m)	300	25	7.07.5	(1993)
	<24 h	96h LC50	0.5 (m)	300	25	8.08.5	
minnow Phoxinus phoxinus	adult	96h LC50	3.2 (m)	70	11.9	7.6	Bengtsson (1974)
Arctic grayling Thymallus arcticus	fry	96h LC50	0.315 (n)	41	12	7.1-8.0	Buhl & Hamilton (1990)
	alevin	96h LC50	1.58 (n)	41	12	7.1-8.0	
	alevin	96h LC50	2.92 (n)	41	12	7.1-8.0	
	0.20 g	96h LC50	0.142 (n)	41	12	7.1-8.0	
	0.34 g	96h LC50	0.112 (n)	41	12	7.1-8.0	
	0.85 g	96h LC50	0.166 (n)	41	12	7.1-8.0	
	1.85 g	96h LC50	0.47 (n)	41	12	7.1-8.0	
	1.85 g	96h LC50	0.168 (n)	41	12	7.1-8.0	
Bluegill Lepomis macrochirus	12 g	96h LC50	5.46 (n)	20	25	7.5	Pickering & Henderson (1966)
	12 g	96h LC50	4.85 (n)	20	25	7.5	
	12 g	96h LC50	5.82 (n)	20	25	7.5	
	12 g	96h LC50	40.9 (n)	360	25	8.2	
	12 g	96h LC50	5.37 (n)	20	25	7.5	
	12 g	96h LC50	5.46 (n)	20	25	7.5	
	12 g	96h LC50	6.44 (n)	20	15	7.5	

Killifish Nothobranchius guenteri		24h LC50	8.6	4044		7.8	Shedd *et al.* (1999)
Pumpkinseed Lepomis gibbosus	<20cm	96h LC50	20.0 (m)	53	17	7.8	Rehwoldt *et al.* (1971)
	<20cm	96h LC50	20.1 (m)	55	28	8	Rehwoldt *et al.* (1972)
Banded killifish Fundulus diaphanus	<20cm	96h LC50	19.1 (m)	53	17	7.8	Rehwoldt *et al.* (1971)
	<20cm	96h LC50	19.2 (m)	55	28	8	Rehwoldt *et al.* (1972)
Roccus saxatilis	<20cm	96h LC50	6.7 (m)	53	17	7.8	Rehwoldt *et al.* (1971)
	<20cm	96h LC50	6.8 (m)	55	28	8	Rehwoldt *et al.* (1972)
Striped bass Morone saxtilis	35-80 d	96h LC50	0.120 (n)	40	20	8.1	Palawski *et al.* (1985)
	35-80 d	96h LC50	0.430 (n)	285	20	7.9	
White perch Roccus americanus	<20cm	96h LC50	14.3 (m)	53	17	7.8	Rehwoldt *et al.* (1971)
	<20cm	96h LC50	14.4 (m)	55	28	8	Rehwoldt *et al.* (1972)
American eel Anguilla rostrata	<20cm	96h LC50	14.6 (m)	53	17	7.8	Rehwoldt *et al.* (1971)
	<20cm	96h LC50	14.5 (m)	55	28	8	Rehwoldt *et al.* (1972)
Japanese eel Anguilla japonica	77 g	96h LC50	11.0 (m)		25		Cruz & Morgan (1985)
Carp Cyprinus carpio	<20cm	96h LC50	7.8 (m)	53	17	7.8	Rehwoldt *et al.* (1971)
	<20cm	96h LC50	7.8 (m)	55	28	8	Rehwoldt *et al.* (1972)
	3.2 cm	96h LC50	0.45 (n)		15	7.1	Alam & Maughan (1992)

	3.2 cm	96h LC50	1.34 (n)		15	7.1	
	6.0 cm	96h LC50	1.64 (n)		15	7.1	
	6.0 cm	96h LC50	2.25 (n)		15	7.1	
	47-62 mm	96h LC50	3.12 (n)	19	15	6.3	Khangarot *et al.* (1983)
	45cm	96h LC50	0.15 (n)	108	25	7.5	Rao *et al.* (1975)
Northern Squawfish Ptychocheilusoregonensis	6.58 g	96h LC50	3.498 (m)	2030	9.5	7.17.5	Andros & Garton (1980)
	0.51 g	96h LC50	3.693 (m)	2030	12.4	7.17.5	
Colorado squawfish Ptychoceilus lucius	swimup fry	96h LC50	1.7 (n)	197	25	7.9	Hamilton (1995)
	47 mg	96h LC50	3.34 (n)	199	25	7.9	Buhl & Hamilton (1996)
	24-47 mg	96h LC50	8.4 (n)	144	25	8.06	Hamilton & Buhl (1997)
	0.41.1 g	96h LC50	4.3 (n)	197	25	7.9	Hamilton (1995)
	1.7 g	96h LC50	12 (n)	197	25	7.9	
	0.430.57 g	96h LC50	8.62 (n)	199	25	7.9	Buhl & Hamilton (1996)
Bonytail Gila elegans	swimup fry	96h LC50	4.8 (n)	197	25	7.9	Hamilton (1995)
	1.1 g	96h LC50	5.8 (n)	197	25	7.9	
	2.6 g	96h LC50	23 (n)	197	25	7.9	
	2-13 mg	96h LC50	5.35 (n)	199	25	7.9	Buhl & Hamilton (1996)
	0.38-0.45 g	96h LC50	8.01 (n)	199	25	7.9	

Razorback sucker	swimup fry	96h LC50	4.1 (n)	197	25	7.9	Hamilton (1995)
	642 mg	96h LC50	9.8 (n)	144	25	8.06	Hamilton & Buhl (1997)
Xyrauchen texanus	0.9 g	96h LC50	6.5 (n)	197	25	7.9	Hamilton (1995)
	2.0 g	96h LC50	16 (n)	197	25	7.9	
	0.35-0.58 g	96h LC50	2.92 (n)	199	25	7.9	Buhl & Hamilton (1996)
Hawkfish Cirrhinus mrigala	fry	96h LC50	7.0 (m)	67	28.1	7.4	Sharma & Sharma (1995)
	fingerling	96h LC50	35.0 (m)	67	28.1	7.4	
	fingerling	96h LC50	1.4428 (n)	250-263	25.5-27.0	7.0-7.5	Gupta & Sharma (1994)
Goldfish Carassius auratus	12 g	96h LC50	6.44 (n)	20	25	7.5	Pickering & Henderson (1966)
Guppy Poecilia reticulata	0.10.2 g	96h LC50	1.27 (n)	20	25	7.5	
	5d	96h LC50	1.74 (m)	30 (EDTA)	25	7.16	Pierson (1980)
	male	96h LC50	300 (n)	118	22	8.3	Sehgal & Saxena (1986)
	female	96h LC50	278 (n)	118	22	8.3	
Gambusia affinis	male	96h LC50	115	50		7.3	Kallanagoudar & Patil (1997)
	female	96h LC50	90	50		7.3	
	fry	96h LC50	50	50		7.3	
	male	96h LC50	140	150		7.3	
	female	96h LC50	120	150		7.3	

	fry	96h LC50	80	150		7.3	
	male	96h LC50	150	300		7.3	
	female	96h LC50	140	300		7.3	
	fry	96h LC50	100	300		7.3	
Flagfish Jordanella floridae	larvae	96h LC50	1.5 (n)	44	25	7.17.8	Spehar (1976)
Channelfish	500 mg	96h LC50	3.7 (n)	4		6.1	Abbasi & Soni (1986)
zebrafish Brachydanio rerio	embryo/larvae	144-hNOEC(death)	>20 (n)	308.8	2627	7.6	Meinelt & Stueber (1995)
	embryo/larvae	144-hNOEC(death)	1.5 (n)	62.5	2627	6.75	
Tilapia Tilapia zilli	subadult	96h LC50	33 (n)	20-22	9.3	6.7	Hilmy *et al.* (1987a)
	subadult	96h LC50	21 (n)	20-22	15.3	6.7	
	subadult	96h LC50	21 (n)	20-22	18.5	6.7	
	subadult	96h LC50	13 (n)	20-22	25	6.7	
Catfish Clarius lazera	subadult	96h LC50	52 (n)	20-22	9.3	6.7	
	subadult	96h LC50	40 (n)	20-22	15.3	6.7	
	subadult	96h LC50	38 (n)	20-22	18.5	6.7	
	subadult	96h LC50	26 (n)	20-22	25	6.7	

Ambassis Sp.	840 mg	9d LC50			25		Skidmore & Firth (1970)
Chequered Rainbow-fish Melanotaenia splendida inornata	28-50mm	96h LC50	6.2 (m)	16.5	27	7.2	Baker & Walden (1984)
	28-50mm	96h LC50	4.8 (m)	16.5	27	7.2	
Blackstriped Rainbow-fish M. nigrans	36-42 mm	96h LC50	13.9 (m)	16.5	27	7.2	
	36-42 mm	96h LC50	6.8 (m)	16.5	27	7.2	
Flyspecked Hardyhead Craterocephalus stercusmuscarum	22-30 mm	96h LC50	0.6 (m)	16.5	27	7.2	
Mottled sculpin Cottus Bairdi	juvenile	96h LC50	0.156 (m)	48.6	12.2	7.38	Woodling *et al.* (2002)
	juvenile	96h LC50	0.439 (m)	154	12.4	7.5	Brinkman & Woodling (2005)

			(mg/l)		
Nitzshia closterium		96h EC50( )	0.075 (n)	21	Stauber & Florence (1989)
		96h EC50 ( )	0.065 (n)	21	Stauber & Florence (1990)
		96h EC50 ( )	0.85 (n)	21	Stauber & Florence (1989)
		96h EC50 ( )	0.271(n)	15.5	Rosko & Rachlin (1975)
Asterionella japonica		72h EC50 ( )	0.058 (n)	23	Fisher & Jones (1980)

			(mg/l)	(‰)	( )	
Starfish *Asterias forbesi*	11.2 g	24h LC_{50}	390(n)	20	20	Eisler & Hennekey (1977)
	11.2 g	96h LC_{50}	39 (n)	20	20	
	11.2 g	168h LC_{50}	2.3(n)	20	20	
Purple sea urchin Strongylocentrotus purpuratus	sperm	80m EC50	0.262(m)	30	8.2-8.4	Dinnel *et al.* (1989)
	embryo	120h EC50	0.23(m)	30	8.2-8.4	
	sperm	80m EC50	0.0041(n)		15	Phillips *et al.* (1998)
	embryo	96h EC50	0.00972(n)		15	
Green sea urchin *Strongylocentrotus*	sperm	80m EC50	0.383(m)	30	8.2-8.4	Dinnel *et al.* (1989)

droebachiensis						
Sand dollar Dendraster excentricus	sperm	72h EC50	0.028 (m)	30	12.513.0	Dinnel *et al.* (1989)
American oyster Crassostreavirginica	embryo	48h LC_{50}	0.31 (n)	25	26	Calabrese *et al.* (1973)
Mussel *Mytilus edulis*		24h LC_{50}	20.8 (n)	7	12	Hietanen & Kristoffersson (1988)
	opening response	24h EC50	1.35(n)	7	12	
	byssogenesis	24h EC50	0.64(n)	7	12	
M. edulis planulatus		96h LC_{50}	2.5 (m)	34	20.6	Ahsanullah (1976)
		96h LC_{50}	3.6 (m)		17.6	
	0.32g	96h LC_{50}	4.3(m)		18.1	
Perna viridis	34cm	24h LC_{50}	3.2 (m)	25-27	2528	Yap *et al.* (2004)
Bay scallop *Argopecten irradians*	juvenile	96h LC_{50}	2.25 (n)	25	20	Nelson *et al.* (1988)
Surf clam *Spisula solidissima*	juvenile	96h LC_{50}	2.95 (n)	25	20	

Softshell clam *Mya arenaria*	4.6 g	24h LC_{50}	320 (n)	20	20	Eisler & Hennekey (1977)
	4.6 g	96h LC_{50}	7.7 (n)	20	20	
	4.6 g	168h LC_{50}	3.1 (n)	20	20	
Hard Clam *Mercenaria mercenaria*	embryo	48h LC_{50}	0.166 (n)	26	25	Calabrese & Nelson (1974)
	larvae	810d LC_{50}	0.1954(n)	24	25	Calabrese *et al.* (1977)
Red abalone *Haliotis rufescens*		48h EC50	0.068(n)	33-36	13.0-16.0	Hunt & Anderson (1989)
	metamorphosis	9d EC50	0.05(n)	33-36	14.0-17.5	
	adult	48h LC_{50}	1400 (n)	25	5	
	adult	48h LC_{50}	1200 (n)	35	5	
	adult	96h LC_{50}	140 (n)	15	5	
	adult	96h LC_{50}	700 (n)	25	5	
	adult	96h LC_{50}	750 (n)	35	5	
	adult	48h LC_{50}	1000 (n)	15	10	
	adult	48h LC_{50}	2100 (n)	35	10	
	adult	96h LC_{50}	210 (n)	15	10	
	adult	96h LC_{50}	900 (n)	25	10	
	adult	96h LC_{50}	950 (n)	35	10	
	adult	48h LC_{50}	320 (n)	15	15	

	adult	48h LC_{50}	1200 (n)	25	15	
	adult	48h LC_{50}	950 (n)	35	15	
	adult	96h LC_{50}	60 (n)	15	15	
	adult	96h LC_{50}	180 (n)	25	15	
	adult	96h LC_{50}	250 (n)	35	15	
Squid *Loligo opalescens*	larvae	96h LC_{50}	>1.92 (m)	30	8.6	Dinnel *et al.* (1989)
Eastern mud snail *Nassarius obsoletus*	0.4 g	24h LC_{50}	150 (n)	20	20	Eisler & Hennekey (1977)
	0.4 g	96h LC_{50}	50 (n)	20	20	
	0.4 g	168h LC_{50}	7.4 (n)	20	20	
Amphipod Allorchestes compressa	0.06 g	96h LC_{50}	0.58 (m)	34.5	20.5	Ahsanullah (1976)
		96h LC_{50}	2.0 (m)	34.1	20.3	Ahsanullah *et al.* (1988)
Amphipod Corophium insidiosum	812mm	96h LC_{50}	1.9 (n)		19.1	Reish (1993)
	812mm	96h LC_{50}	12.5 (n)		19.1	
Corophium volutator	adult	48h LC_{50}	14 (n)	5	5	Bryant *et al.* (1985)
	adult	48h LC_{50}	20 (n)	10	5	
	adult	48h LC_{50}	25 (n)	15	5	

	adult	48h LC_{50}	46 (n)	25	5	
	adult	48h LC_{50}	54 (n)	35	5	
	adult	96h LC_{50}	1 (n)	5	5	
	adult	96h LC_{50}	4.6 (n)	10	5	
	adult	96h LC_{50}	6.5 (n)	15	5	
	adult	96h LC_{50}	12 (n)	25	5	
	adult	96h LC_{50}	16 (n)	35	5	
	adult	48h LC_{50}	13 (n)	5	10	
	adult	48h LC_{50}	12 (n)	10	10	
	adult	48h LC_{50}	31 (n)	15	10	
	adult	48h LC_{50}	46 (n)	25	10	
	adult	96h LC_{50}	1.6 (n)	10	10	
	adult	96h LC_{50}	8.5 (n)	15	10	
	adult	96h LC_{50}	11 (n)	25	10	
	adult	96h LC_{50}	15 (n)	35	10	
	adult	48h LC_{50}	7 (n)	5	15	
	adult	48h LC_{50}	17 (n)	10	15	
	adult	48h LC_{50}	16 (n)	15	15	
	adult	48h LC_{50}	17 (n)	25	15	
	adult	48h LC_{50}	27 (n)	35	15	

	adult	96h LC_{50}	1.1 (n)	5	15	
	adult	96h LC_{50}	3.2 (n)	10	15	
Corophium volutator	adult	96h LC_{50}	3.4 (n)	15	15	Bryant *et al.* (1985)
	adult	96h LC_{50}	4.4 (n)	25	15	
	adult	96h LC_{50}	3.6 (n)	35	15	
	adult	192h LC_{50}	1.1 (n)	25	15	
Harpacticoid copepod *Nitocra spinipes*		96h LC_{50}	0.85 (n)			Bengtsson & Bergstrom (1987)
		96h LC_{50}	1.3 (n)			
		96h LC_{50}	2.4 (n)			
		96h LC_{50}	2.8 (n)			
Sandworm Nereis virens	7.6 g	24h LC_{50}	20 (n)	20	20	Eisler & Hennekey (1977)
	7.6 g	96h LC_{50}	8.1 (n)	20	20	
	7.6 g	168h LC_{50}	2.6 (n)	20	20	
Annelida Neanthes vaalii	0.33 g	96h LC_{50}	5.5 (m)	34.2	18.7	Ahsanullah (1976)
Annelida Neanthes arenaceodentat	juvenile	96h LC_{50}	0.9(n)	5		Reish *et al.* (1976)
	adult	28d LC_{50}	1.8(n)	5		
	juvenile	96h LC_{50}	0.9(n)	5		
	adult	28d LC_{50}	1.4(n)	5		
Annelida	juvenile	96h LC_{50}	1.7(n)	5		

Capitella capitata	adult	28d LC_{50}	3.5(n)	5		
	adult	28d LC_{50}	1.25(n)	5		
Dungeness crab Cancer magister	zoea	96h LC_{50}	0.586 (m)	30	8.5	Dinnel *et al.* (1989)
Fiddler crab Uca annulipes	24-29 mm	96h LC_{50}	31.9 (n)	25	29	Devi (1987)
	24-29 mm	96h LC_{50}	77 (n)	25	29	
U. triangularis	24-29 mm	96h LC_{50}	39.1 (n)	25	29	
	24-29 mm	96h LC_{50}	66.4 (n)	25	29	
Hermit crab Pagurus longicarpus	0.5 g	24h LC_{50}	12 (n)	20	20	Eisler & Hennekey (1977)
	0.5 g	96h LC_{50}	0.4 (n)	20	20	
	0.5 g	168h LC_{50}	0.2 (n)	20	20	
Grapsid crab *Paragrapsus quadridentatus*	1.44 g	96h LC_{50}	11 (m)	34.2	19.6	Ahsanullah (1976)
	1.44 g	120h LC_{50}	10.5 (m)	34.2	19.6	
	zoez	96h LC_{50}	1.23 (m)	35	17	Ahsanullah & Arnott (1978)
	adult	96h LC_{50}	11 (m)	35	17	
Portunus pelagicus	zoea	48h LC_{50}	0.56 (n)	35	2527	Greenwood & Fielder (1983)
	zoea	48h LC_{50}	0.65 (n)	35	2527	

	zoea	48h LC_{50}	0.77 (n)	35	2527	
P. sanguinolentus	zoea	48h LC_{50}	0.62 (n)	35	2527	
Charybdis feriatus	zoea	48h LC_{50}	0.96 (n)	35	2527	
Copepod Tisbe holothuriae		48h LC_{50}	0.62 (n)	38	22.5	Verriopoulos & Dimas (1988)
Scutellidium sp.	adult	24h LC_{50}	1.09 (m)	34.4-35.5	17	Arnott & Ahsanullah (1979)
Paracalanus parvus	adult	24h LC_{50}	1.38 (m)	34.4-35.5	17	
Acartia simplex	adult	24h LC_{50}	1.86 (m)	34.4-35.5	17	
Shrimp *Mysidoposis bahia*	24 h	96h LC_{50}	0.499 (m)	30	21	Lussier *et al.* (1985)
Neomysis integer	juvenile	96h LC_{50}	0.54 (m)	5	20	Verslycke *et al.* (2003)
	juvenile	96h LC_{50}	0.037 (m)	25	20	
Grass shrimp Palaemonetes pugio	juvenile	48h LC_{50}	11.3 (m)	10	20	Burton & Fisher (1990)
Palaemon sp.	0.28 g	96h LC_{50}	9.5 (m)	35.5	19.5	Ahsanullah (1976)
Crangon crangon Callianassa australiensis		4d LC_{50}	10.2 (m)	34.137.5	1820	Ahsanullah *et al.* (1981)
		7d LC_{50}	1.98 (m)	34.137.5	1820	
		10d LC_{50}	1.54 (m)	34.137.5	1820	
		14d LC_{50}	1.15 (m)	34.137.5	1820	
Mysid	juvenile	48h LC_{50}	0.458 (m)	3436	1315.5	Martin *et al.* (1989)

Holmesimysis costata	juvenile	96h LC_{50}	0.097 (m)	3440	1316	
	juvenile	7d LC_{50}	0.046 (m)	3536	1516	
Praunus flexuosus		96h LC_{50}	8 (n)	4.5	5	McLusky & Hagerman (1987)
		96h LC_{50}	14 (n)	9	5	
		96h LC_{50}	16 (n)	13.5	5	
		96h LC_{50}	23 (n)	18	5	
		96h LC_{50}	23 (n)	27	5	
		48h LC_{50}	8 (n)	4.5	15	
		48h LC_{50}	16 (n)	9	15	
		48h LC_{50}	16 (n)	13.5	15	
		48h LC_{50}	16 (n)	18	15	
		48h LC_{50}	16 (n)	22.5	15	
		48h LC_{50}	16 (n)	27	15	
		48h LC_{50}	8 (n)	4.5	15	
		96h LC_{50}	10 (n)	18	15	
		96h LC_{50}	16 (n)	22.5	15	
		96h LC_{50}	16 (n)	27	15	
Prawn Metapenaeus dobsoni	50-70 mm	48h LC_{50}	4.0 (n)	15	27.5	Sivadasan *et al.* (1986)
	50-70 mm	72h LC_{50}	1.95 (n)	15	27.5	
	50-70 mm	96h LC_{50}	1.7 (n)	15	27.5	

	30-50 mm	48h LC_{50}	3 (n)	15	27.5	
	30-50 mm	72h LC_{50}	1.4 (n)	15	27.5	
	30-50 mm	96h LC_{50}	0.84 (n)	15	27.5	

			(mg/l)	(‰)	( )	
Chinook salmon *Oncorhynchus tshawytscha*	2.6 g	96h LC_{50}	2.88 (n)	brackish	11-13	Hamilton & Buhl (1990)
Atheriniform fish Rivulus marmoratus	0.03-0.1 g	96h LC_{50}	119.3 (m)	14	26-27	Lin & Dunson (1993)
	0.03-0.1 g	96h LC_{50}	176.6 (m)	14	26-27	
Mummichog Fundulus heteroclitus	0.02-0.1 g	96h LC_{50}	129.5 (n)	14	26-27	
	juvenile	48h LC_{50}	96.5 (m)	10	20	Burton & Fisher (1990)
	1.3 g	24h LC_{50}	125 (n)	20	20	Eisler & Hennekey (1977)
	1.3 g	96h LC_{50}	60 (n)	20	20	
	1.3 g	168h LC_{50}	52 (n)	20	20	
Grey mullet Chelon labrosus	0.87 g	48h LC_{50}	36.9 (m)	34.6	12	Taylor *et al.* (1985)
	0.87 g	72h LC_{50}	22.5 (m)	34.6	12	

	0.87 g	96h LC_{50}	21.5 (m)	34.6	12	
English sole *Parophrys vetulus*	larvae	96h LC_{50}	14.5 (n)		12	Shenker & Cherr (1990)
Bleak Alburnus alburnus	8 cm	96h LC_{50}	32 (n)	7	10	Linden *et al.* (1979)
	8 cm	96h LC_{50}	41.9 (n)	7	10	
Sheephead minnow *Cyprinodon variegatus*	7 d	96h LC_{50}	11.3 (m)	18 g/kg	25	Moreau *et al.* (1999)
Cabezon Scorpaenichthys marmoratus	larvae	96h LC_{50}	0.1914 (n)	30	8.6	Dinnel *et al.* (1989)
Striped bass Morone saxatilis	35-80 d old	96h LC_{50}	0.430 (n)	1	20	Palawski *et al.* (1985)