Année	Source	Localisation	Site	Prélèvement/In situ	Espèce dominante	< 3 y post	Divers	$H_2S/\Delta T$ Direct meas. (slope) (µM/°C)	$H_2S/\Delta T$ Calculated max or mean) (µM/°C)	Seawater T (°C)	Tmax (°C)	sigmaT (°C)	Tmean (°C)	H_2S max (µM)	H_2S mean (µM)
1985	Johnson et al. 1984	Galapagos	Rose Garden	In situ, colorimetry	Mussel clam				1.2	2	6.9			5.7	
1985	Johnson et al. 1985	Galapagos	Rose Garden	In situ, colorimetry	Mussel Riftia				9.1	2	5.2			29	
1985	Johnson et al. 1986	Galapagos	Rose Garden	In situ, colorimetry	Mussel clam				7.3	2	5.7			27	
1985	Johnson et al. 1987	Galapagos	Rose Garden	In situ, colorimetry	Bathymodiolus thermophilus				4.7	2	7.5			26	
1985	Johnson et al. 1987	Galapagos	Rose Garden	In situ, colorimetry	Bathymodiolus thermophilus				7.0	2	5.3			23	
1985	Johnson et al. 1987	Galapagos	Rose Garden	In situ, colorimetry	Mussel Riftia				17.7	2	8			106	
1985	Johnson et al. 1987	Galapagos	Rose Garden	In situ, colorimetry	Bathymodiolus thermophilus				3.2	2	4.3			7.4	
1985	Johnson et al. 1988	Galapagos	Rose Garden	In situ, colorimetry	Mussel clam				16.1	2	7.9			95	
1985	Johnson et al. 1988	Galapagos	Rose Garden	In situ, colorimetry	Bathymodiolus thermophilus				2.9	2	4			5.8	
1985	Johnson et al. 1988	Galapagos	Rose Garden	In situ, colorimetry	Bathymodiolus thermophilus				5.7	2	8			34	
1985	Johnson et al. 1988	Galapagos	Rose Garden	In situ, colorimetry	Mussel Riftia				7.8	2	2.9			7	
1985	Johnson et al. 1988	Galapagos	Rose Garden	In situ, colorimetry	Mussel Riftia				7.9	2	3.4			11	
1985	Johnson et al. 1988	Galapagos	Rose Garden	In situ, colorimetry	Bathymodiolus thermophilus				1.0	2	2.9			0.9	
1985	Johnson et al. 1988	Galapagos	Rose Garden	In situ, colorimetry	Riftia Mussel				27.7	2.08	14			330	
1985	Johnson et al. 1988	Galapagos	Rose Garden	In situ, colorimetry	Bathymodiolus thermophilus				27.7	2.08	14			330	
1988	Johnson et al. 1994	Galapagos	Rose Garden	In situ, colorimetry	Bathymodiolus thermophilus				6.8	2.08	8			40	
1988	Johnson et al. 1994	Galapagos	Rose Garden	In situ, colorimetry	Bathymodiolus thermophilus				11.1	2.08	12			110	
1988	Johnson et al. 1994	Galapagos	Rose Garden	In situ, colorimetry	Bathymodiolus thermophilus				2.6	2.08	6			10	
1988	Johnson et al. 1994	Galapagos	Rose Garden	In situ, colorimetry	Bathymodiolus thermophilus				27.7	2.08	14			330	
1988	Johnson et al. 1994	Galapagos	Rose Garden	In situ, colorimetry	Bathymodiolus thermophilus				16.0	2.08	13			175	
1988	Johnson et al. 1994	Galapagos	Rose Garden	In situ, colorimetry	Bathymodiolus thermophilus				10.4	2.08	4			20	
1991	Shank et al. 1998	EPR 9°50'N	Bio141	Samples	Bacterial mat	post	2 week post eruption		90.5	2	23				1900
1991	Shank et al. 1998	EPR 9°50'N	Bio82	Samples	Bacterial mat	post	2 week post eruption		37.4	2	29				1010
1993	Shank et al. 1998	EPR 9°50'N	Bio141	Samples	Riftia	post	32 Mo post-eruption		39.3	2	26				944
1993	Shank et al. 1998	EPR 9°50'N	Bio142	Samples	Riftia	post	32 Mo post-eruption		29.7	2	35				979
1993	Shank et al. 1998	EPR 9°50'N	Bio82	Samples	Riftia		32 Mo post-eruption		17.1	2	16				240
1994	Shank et al. 1998	EPR 9°50'N	Bio141	Samples	Riftia	post			32.6	2	29				880
1994	Shank et al. 1998	EPR 9°50'N	Bio142	Samples	Riftia	post			26.2	2	28				680
1994	Shank et al. 1998	EPR 9°50'N	Bio9	Samples	Riftia	post			26.7	2	32				800
1994	Shank et al. 1998	EPR 9°50'N	Bio82	Samples	Riftia				22.2	2	20				400
1994	Sarazin et al. 1999	JdFR-Endeavour	S&M	In situ, colorimetry	P. palmiformis				5.0	2	15			65	
1994	Sarazin et al. 1999	JdFR-Endeavour	Fountain	In situ, colorimetry	P. palmiformis				6.3	2	10			50	
1994	Sarazin et al. 1999	JdFR-Endeavour	S&M	In situ, colorimetry	P. sulfincola				4.3	2	25			100	
1994	Martineu et al. 1996	JdFR-Endeavour	Easter Island	In situ, colorimetry	P. palmiformis				5.3	2			14		63
1994	Martineu et al. 1996	JdFR-Endeavour	Palm Spring	In situ, colorimetry	P. palmiformis				13.3	2	20			240	
1994	Sarazin et al. 1999	JdFR-Endeavour	Fountain	In situ, colorimetry	P. sulfincola				2.9	2	10			23	
1995	Shank et al. 1998	EPR 9°50'N	Bio141	Samples	Riftia	post	55 mois post-éruption		29.0	2	27				725
1995	Shank et al. 1998	EPR 9°50'N	Bio12	Samples	Riftia (dying)		55 mois post-éruption		0.6	2	29				15
1995	Shank et al. 1998	EPR 9°50'N	Bio142	Samples	Riftia		55 mois post-éruption		18.8	2	18				301
1995	Shank et al. 1998	EPR 9°50'N	Bio82	Samples	Riftia		55 mois post-éruption		16.4	2	18				263
1995	Shank et al. 1998	EPR 9°50'N	Bio9	Samples	Riftia		55 mois post-éruption		6.3	2	33				194
1996	Sarradin et al. 1998	EPR 13°N	Genesis	In situ, colorimetry	Riftia				1.0	2.0	14			12	
1996	Sarradin et al. 1998	EPR 13°N	Genesis	In situ, colorimetry	Alvinella				3.4	2.0	90			300	
1998	Marcus et al 2009	JDF Ridge Axial Volcano	M33, year 1	Samples		post	1y		38.7	2.0			55		2050
1998	Marcus et al 2009	JDF Ridge Axial Volcano	M33, year 2	Samples					32.9	2.0			75		2400
1998	Marcus et al 2009	JDF Ridge Axial Volcano	Easy, year 1	Samples		post	1y		34.3	2.0			9		240
1998	Marcus et al 2009	JDF Ridge Axial Volcano	M N6, year 1	Samples		post	1y		32.0	2.0			27		800
1998	Marcus et al 2009	JDF Ridge Axial Volcano	M N6, year 2	Samples		post	2y		27.8	2.0			20		500
1998	Marcus et al 2009	JDF Ridge Axial Volcano	M N4, year 1	Samples		post	y2		37.5	2.0			22		750
1998	Marcus et al 2009	JDF Ridge Axial Volcano	M108, year 1	Samples		post	1y		55.6	2.0			11		500
1998	Marcus et al 2009	JDF Ridge Axial Volcano	M108, year 2	Samples		post	y2		40.0	2.0			12		400
1998	Marcus et al 2009	JDF Ridge Axial Volcano	M113, year 1	Samples		post	1 y		20.9	2.0			25		480
1998	Marcus et al 2009	JDF Ridge Axial Volcano	M113, year 2	Samples		post	2 y		24.0	2.0			27		600
1998	Marcus et al 2009	JDF Ridge Axial Volcano	Bag, year 2	Samples		post	2y		31.8	2.0			24		700
1998	Marcus et al 2009	JDF Ridge Axial Volcano	Nas, year 1	Samples					12.4	2.0			23		260
1998	Marcus et al 2009	JDF Ridge Axial Volcano	Nas, year 2	Samples					6.3	2.0			18		100
1998	Marcus et al 2009	JDF Ridge Axial Volcano	Nas, year 3	Samples					4.0	2.0			17		60
1998	Marcus et al 2009	JDF Ridge Axial Volcano	N41, year 1	Samples					4.3	2.0			23		90
1998	Marcus et al 2009	JDF Ridge Axial Volcano	N41, year 2	Samples					1.9	2.0			18		30
1998	Marcus et al 2009	JDF Ridge Axial Volcano	N41, year 3	Samples					1.4	2.0			16		20
1998	Marcus et al 2009	JDF Ridge Axial Volcano	M N6, year 3	Samples					6.3	2.0			18		100
1998	Marcus et al 2009	JDF Ridge Axial Volcano	Bag, year 3	Samples					11.8	2.0			19		200
1999	Le Bris et al. 2003	EPR 13°N	Genesis	In situ, colorimetry	Riftia				5.1	2		0.1	19		86
1999	Le Bris et al. 2003	EPR 13°N	Genesis	In situ, colorimetry	Riftia				5.2	2	8			31	
1999	Le Bris et al. 2003	EPR 13°N	Elsa	In situ, colorimetry	Alvinella, above colony				26.8	2	23			563	
1999	Le Bris et al. 2003	EPR 13°N	Genesis	In situ, colorimetry	Alvinella, above colony				54.3	2	30			1520	
2001	Le Bris and Duperron 2(	MAR Menez Gwen	ATOS8	In Situ	Bathymodiolus azoricus			27.0		9					
2001	Le Bris and Duperron 2(	MAR Menez Gwen	ATOS10	In Situ	Bathymodiolus azoricus			16.7		9					
2001	Le Bris and Duperron 2(	MAR Menez Gwen	ATOS8	In Situ	Bathymodiolus azoricus			12.5		9					
2001	Le Bris and Duperron 2(	MAR Menez Gwen	ATOS10	In Situ	Bathymodiolus azoricus			30.0		9					
2002	Le Bris et al. 2006	EPR 9°50'N	Riftia Field	In situ, colorimetry	Riftia		Defaunated		1.8	2	54				95
2002	Le Bris et al. 2006	EPR 9°50'N	Biovent	In situ, colorimetry	Bathymodiolus thermophilus		defaunated		12.0	2	15				156
2002	Le Bris et al. 2006	EPR 9°50'N	Biovent	In situ, colorimetry	Bathymodiolus thermophilus		Assemblage 1	10.4		2					
2002	Le Bris et al. 2006	EPR 9°50'N	Biovent	In situ, colorimetry	Bathymodiolus thermophilus		Assemblage 2	10.9		2					
2002	Le Bris et al. 2006	EPR 9°50'N	Mussel Bed	In situ, colorimetry	Bathymodiolus thermophilus		Defaunated		18.9	2	10				151
2002	Le Bris et al. 2006	EPR 9°50'N	Mussel Bed	In situ, colorimetry	Bathymodiolus thermophilus		Assemblage 1	3.1		2					
2002	Le Bris et al. 2006	EPR 9°50'N	Mussel Bed	In situ, colorimetry	Bathymodiolus thermophilus		Assemblage 2	10.3		2					
2002	Le Bris et al. 2006	EPR 9°50'N	Mussel Bed	In situ, colorimetry	Bathymodiolus thermophilus		Assemblage 3	16.6		2					
2002	Le Bris et al. 2006	EPR 9°50'N	Riftia Field	In situ, colorimetry	Riftia		Assemblage 1	1.9		2					
2002	Le Bris et al. 2006	EPR 9°50'N	Riftia Field	In situ, colorimetry	Riftia		Assemblage 2	2.0		2					
2002	Le Bris et al. 2006	EPR 9°50'N	Riftia Field	In situ, colorimetry	Riftia		Assemblage 3			2					
2002	Le Bris et al. 2006	EPR 9°50'N	Tica	In situ, colorimetry	Riftia		Defaunated		9.4	2	32				283
2002	Le Bris et al. 2006	EPR 9°50'N	Tica	In situ, colorimetry	Riftia		Assemblage 1	8.7		2					
2002	Le Bris et al. 2006	EPR 9°50'N	Tica	In situ, colorimetry	Riftia		Assemblage 2	9.0		2					
2002	Le Bris et al. 2006	EPR 9°50'N	Tica	In situ, colorimetry	Riftia		Assemblage 3	7.7		2					
2002	Le Bris et al. 2006	EPR 9°50'N	Tica	In situ, colorimetry	Riftia		Assemblage 4	5.7		2					
2004	Moore et al. 2009	EPR 9°50'N	East Wall #3	In situ, voltammetry AV:	Riftia				18.7	2		0.42	5.4		63
2004	Moore et al. 2009	EPR 9°50'N	East Wall : 0404	In situ, voltammetry AV:	Riftia				14.6	2		0.96	6.39		64
2004	Moore et al. 2009	EPR 9°50'N	Tica	In situ, voltammetry AV:	Riftia				19.4	2		2.07	5.51		68
2004	Moore et al. 2009	EPR 9°50'N	Tica	In situ, voltammetry AV:	Riftia				22.6	2		3.1	4		45
2004	Moore et al. 2009	EPR 9°50'N	Tica : PB Marker	In situ, voltammetry AV:	Riftia				33.0	2		2.35	4.03		67
2004	Nees 2009	EPR 9°50'N	Several sites	In situ, voltammetry AV:	Riftia			35.7		2	30		11		
2004	Nees 2009	EPR 9°50'N	East Wall	In situ, voltammetry AV:	Riftia			1.9		2					
2004	Nees 2009	EPR 9°50'N	Tica	In situ, voltammetry AV:	Riftia				8.9	2	30		11		80
2004	Nees et al. 2008	EPR 9°50'N	Several sites	In situ, voltammetry AV:	Bathymodiolus			2.8		2	16		4.4		8
2004	Zielinski et al. 2011	MAR Logatchev	Logatchev	In situ, amperometry	Bathymodiolus		base of chimney	5.7		2.62	7.4	0.4	3		17
2004	Zielinski et al. 2011	MAR Logatchev	Logatchev	In situ, amperometry	Bathymodiolus		top of chimney	4.4		2.62	6.9	0.9	3.4		15
2004	Zielinski et al. 2011	MAR Logatchev	Logatchev	In situ, amperometry	Bathymodiolus			7.7		2.62	6	0.7	3.5		27
2004	Zielinski et al. 2011	MAR Logatchev	Logatchev	In situ, amperometry	Bathymodiolus		sulfide pillar	9.3		2.62	3.9	0.2	2.7		25
2004	Zielinski et al. 2011	MAR Logatchev	Logatchev	In situ, amperometry	Bathymodiolus			11.1		2.62	3.4	0.1	2.8		31
2004	Zielinski et al. 2011	MAR Logatchev	Logatchev	In situ, amperometry	Bathymodiolus			5.4		2.62	3	0.1	2.8		15
2004	Zielinski et al. 2011	MAR Logatchev	Logatchev	In situ, amperometry	Shrimp		Chimney	10.4		2.62	3.3	0.2	2.8		29
2004	Zielinski et al. 2011	MAR Logatchev	Logatchev	In situ, amperometry	crater		Crater rim	7.9		2.62	26.8	3.7	4.8		38
2005	Konn et al 2008	MAR Lost City		Samples	chimney				1.9	7	40				64
2005	Konn et al 2008	MAR Lost City		Samples	chimney				8.6	7	64				490
2005	Konn et al 2008	MAR Lost City		Samples	chimney				9.3	7	64				530
2005	Konn et al 2008	MAR Lost City		Samples	chimney				4.3	7	90				360
2005	Konn et al 2008	MAR Lost City		Samples	chimney				1.4	7	94				120
2005	Moore et al. 2009	EPR 9°50'N	East Wall	In situ, voltammetry AV:	Riftia				14.6	2		3.59	7.97		87
2005	Moore et al. 2009	EPR 9°50'N	East Wall	In situ, voltammetry AV:	Riftia				5.2	2		2.58	10.3		43
2005	Moore et al. 2009	EPR 9°50'N	East Wall : 0404	In situ, voltammetry AV:	Riftia				13.8	2		0.95	2.56		8
2005	Moore et al. 2009	EPR 9°50'N	East Wall : 0404	In situ, voltammetry AV:	Riftia				25.3	2		6.42	8.28		159
2005	Moore et al. 2009	EPR 9°50'N	MKR61	In situ, voltammetry AV:	Riftia				35.0	2		1.29	6.96		173
2005	Moore et al. 2009	EPR 9°50'N	Tica	In situ, voltammetry AV:	Riftia				50.0	2		1.11	2.17		9
2005	Nees 2009	EPR 9°50'N	East Wall	In situ, voltammetry AV:	Riftia			8.5		2					
2005	Nees 2009	EPR 9°50'N	Tica	In situ, voltammetry AV:	Riftia				7.1	2	69		12		71
2005	Nees et al. 2008	EPR 9°50'N	Several sites	In situ, voltammetry AV:	Mussels				1.6	2	11		3.8		3
2006	Waite et al. 2008	East Lau SC	Kilo Moana site	In Situ, voltametry	snail and mussel			7.0							
2006	Waite et al. 2008	East Lau SC	Tow Cam	In Situ, voltametry	snail and mussel			4.7							
2006	Waite et al. 2008	East Lau SC	ABE	In Situ, voltametry	snail and mussel			4.9							
2006	Waite et al. 2008	East Lau SC	Tui	In Situ, voltametry	snail and mussel			1.9							
2006	Mullineaux et al. 2012	EPR 9°50'N	P-Vent	In Situ, potentiometry	Tevnia	post	11 Mo after eruption	15.0							
2006	Mullineaux et al. 2012	EPR 9°50'N	V-Vent	In Situ, potentiometry	Tevnia	post	11 Mo after eruption	15.0							
2006	Nees 2009	EPR 9°50'N	Tica	In situ, voltammetry AV:	Tevnia	post	juvenile <5 cm		12.0	2	20		9		84
2006	Debusseroles et al. 200	MAR Lucky Strike	Tour Eiffel	In Situ+samples (pH)	Bathymodiolus azoricus				2.6	4.4			4.9		1

2006	Debusseroles et al. 200	MAR Lucky Strike	Tour Eiffel	In Situ+samples (pH)	Bathymodiolus azoricus				10.6	4.4		7.63		34	
2006	Debusseroles et al. 200	MAR Lucky Strike	Tour Eiffel	In Situ+samples (pH)	Bathymodiolus azoricus				3.5	4.4		5.35		3	
2006	Debusseroles et al. 200	MAR Lucky Strike	Tour Eiffel	In Situ+samples (pH)	Bathymodiolus azoricus				4.8	4.4		5.67		6	
2006	Debusseroles et al. 200	MAR Lucky Strike	Tour Eiffel	In Situ+samples (pH)	Bathymodiolus azoricus				2.6	4.4		5.11		2	
2006	Debusseroles et al. 200	MAR Lucky Strike	Tour Eiffel	In Situ+samples (pH)	Bathymodiolus azoricus				4.6	4.4		6.04		8	
2006	Debusseroles et al. 200	MAR Lucky Strike	Tour Eiffel	In Situ+samples (pH)	Bathymodiolus azoricus				5.5	4.4		5.55		6	
2006	Debusseroles et al. 200	MAR Lucky Strike	Tour Eiffel	In Situ+samples (pH)	Bathymodiolus azoricus				10.8	4.4		7.49		33	
2006	Debusseroles et al. 200	MAR Lucky Strike	Tour Eiffel	In Situ+samples (pH)	Bathymodiolus azoricus				3.7	4.4		4.79		1	
2006	Debusseroles et al. 200	MAR Lucky Strike	Tour Eiffel	In Situ+samples (pH)	Bathymodiolus azoricus				8.0	4.4		8.79		35	
2006	Debusseroles et al. 200	MAR Lucky Strike	Tour Eiffel	In Situ+samples (pH)	Bathymodiolus azoricus				5.1	4.4		4.85		2	
2006	Debusseroles et al. 200	MAR Lucky Strike	Tour Eiffel	In Situ+samples (pH)	Bathymodiolus azoricus				5.8	4.4		4.8		2	
2006	Sen et al. 2014	Eastern Lau SC	All including Alvi	in situ	Alviniconcha Hessleri 2006			2.9			36	8		23	
2006	Sen et al. 2014	Eastern Lau SC	All including Ifre	in situ	Ifremeria 2006				1.8		26	8.2		15	
2007	Perner et al. 2020	MAR 15°N Logatchev	Quest	Samples	Bathymodiolus					2	10.8			0	
2007	Moore et al. 2009	EPR 9°50'N	L vent	In situ, voltammetry AV	Tevnia	post			4.4	2	1.02	6.89		21	
2007	Moore et al. 2009	EPR 9°50'N	L vent	In situ, voltammetry AV	Tevnia	post			11.6	2	0.81	5.88		45	
2007	Moore et al. 2009	EPR 9°50'N	MKR 19	In situ, voltammetry AV	Tevnia	post			28.1	2	0.94	8.83		192	
2007	Moore et al. 2009	EPR 9°50'N	Tica	In situ, voltammetry AV	Tevnia	post			32.6	2	2.93	3.65		54	
2007	Moore et al. 2009	EPR 9°50'N	Tica	In situ, voltammetry AV	Tevnia	post			35.5	2	3.77	11.06		321	
2007	Moore et al. 2009	EPR 9°50'N	Hobbit Hole	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		23.3	2	1.19	3.94		45	
2007	Moore et al. 2009	EPR 9°50'N	L vent	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		12.8	2	1.36	7.94		76	
2007	Moore et al. 2009	EPR 9°50'N	L vent	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		5.6	2	3.04	6.63		26	
2007	Moore et al. 2009	EPR 9°50'N	L vent	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		3.2	2	0.77	7.1		16	
2007	Moore et al. 2009	EPR 9°50'N	L vent	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		11.6	2	0.81	5.88		45	
2007	Moore et al. 2009	EPR 9°50'N	MKR 15	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		14.3	2	3.49	19.9		256	
2007	Moore et al. 2009	EPR 9°50'N	MKR 19	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		20.3	2	5.69	12.7		217	
2007	Moore et al. 2009	EPR 9°50'N	MKR 26	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		27.3	2	5.65	12.8		295	
2007	Moore et al. 2009	EPR 9°50'N	MKR 28	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		24.3	2	3.13	16		340	
2007	Moore et al. 2009	EPR 9°50'N	MKR 28	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		25.3	2	8.97	12.3		260	
2007	Moore et al. 2009	EPR 9°50'N	MKR 32	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		12.4	2	1.28	9.8		97	
2007	Moore et al. 2009	EPR 9°50'N	MKR 35	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		22.3	2	2.35	9.07		158	
2007	Moore et al. 2009	EPR 9°50'N	Sketchy vent	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		0.0	2	0.17	1.57		0	
2007	Moore et al. 2009	EPR 9°50'N	Tam town	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		5.3	2	0.95	7.24		28	
2007	Moore et al. 2009	EPR 9°50'N	Tica	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		18.5	2	3.19	7.23		97	
2007	Moore et al. 2009	EPR 9°50'N	Tica	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		35.5	2	3.77	11.06		321	
2007	Moore et al. 2009	EPR 9°50'N	Tica	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		9.8	2	2.63	18.5		161	
2007	Moore et al. 2009	EPR 9°50'N	Tica MKR4	In situ, voltammetry AV	Tevnia	post	tevnia<30 cm		25.1	2	7.04	12.1		254	
2007	Mullineaux et al. 2012	EPR 9°50'N	P-Vent	In Situ, potentiometry	Tevnia	post	22 Mo after eruption	3.0		2					
2007	Nees 2009	EPR 9°50'N	Tica	In situ, voltammetry AV	Riftia	post	1 y post-eruption			2	30	11			
2007	Nees 2009	EPR 9°50'N	Tica	In situ, voltammetry AV	Tevnia	post	1 y post-eruption		10.8	2	24	7		54	
2007	Nees 2009	EPR 9°50'N	Tica	In situ, voltammetry AV	Tevnia	post	1 y post-eruption		12.4	2	31	11		112	
2007	Nees 2009	EPR 9°50'N	Tica	In situ, voltammetry AV	Tevnia	post	1 y post-eruption	12.3		2				32	
2007	Nees 2009	EPR 9°50'N	Mkr 15/r141	In situ, voltammetry AV	Tevnia	post	1 y post-eruption	5.9		2				32	
2007	Nees 2009	EPR 9°50'N	Mkr 19	In situ, voltammetry AV	Tevnia	post	1 y post-eruption	6.3		2				32	
2007	Nees 2009	EPR 9°50'N	Mker 26/arches	In situ, voltammetry AV	Tevnia	post	1 y post-eruption	20.6		2				32	
2007	Nees 2009	EPR 9°50'N	Mker 28	In situ, voltammetry AV	Tevnia	post	1 y post-eruption	19.4		2				12	
2007	Nees 2009	EPR 9°50'N	Mker 35	In situ, voltammetry AV	Tevnia	post	1 y post-eruption	14.6		2				12	
2007	Nees 2009	EPR 9°50'N	Mker 35	In situ, voltammetry AV	Tevnia	post	1 y post-eruption	14.6		2				12	
2007	Nees 2009	EPR 9°50'N	Tamtown	In situ, voltammetry AV	Tevnia	post	1 y post-eruption	2.5		2				12	
2007	Nees 2009	EPR 9°50'N	Hobbit hole	In situ, voltammetry AV	Tevnia	post	1 y post-eruption	16.9		2				12	
2007	Nees 2009	EPR 9°50'N	L-Vent	In situ, voltammetry AV	Tevnia	post	1 y post-eruption	5.0		2				12	
2007	Nees et al. 2008	EPR 9°50'N	Several sites	In situ, voltammetry AV	Mussels	post		10.9		2	10	4.6		27	
2007	Nees 2009	EPR 9°50'N	Several sites	In situ, voltammetry AV	Tevnia			9.2		2	30	11			
2008	Perner et al. 2013	MAR 5°S	Wideawake 1	Samples	Bathymodiolus			2.4		2	16			33	
2008	Perner et al. 2014	MAR 5°S	Wideawake 2	Samples	Bathymodiolus			4.7		2	9			33	
2008	Perner et al. 2015	MAR 5°S	Clueless	Samples	Bathymodiolus			3.0		2	9			21	
2008	Campbell et al. 2013	EPR 9°50N	Tica	Sample	Riftia Tevnia				0.3	2		15.1		3	
2008	Campbell et al. 2013	EPR 9°50N	Bio9/Pvent	Sample	shimmering water		near Riftia patch		0.0	2		15		0	
2008	Campbell et al. 2013	EPR 9°50N	Mker 28 (ToT)	Sample	Tevnia		near black smoker		0.1	2		30		3	
2008	Campbell et al. 2013	EPR 9°50N	V-vent	Sample	nd		crack		0.0	2		20.6		0	
2008	Campbell et al. 2013	Guaymas	Rebecca's root	Sample	Riftia				0.8	2.9		29		20	
2008	Campbell et al. 2013	Guaymas	Pagoda/Mark'sc	Sample	Bacterial mat		crack		0.7	2.9		4.3		1	
2008	Campbell et al. 2013	Guaymas	Rebecca's root	Sample	Bacterial mat				0.0	2.9		31.4		0	
2008	Campbell et al. 2013	Guaymas	Southern site	Sample	Bacterial mat				1.9	2.9		20.9		33	
2008	Campbell et al. 2013	Guaymas	Theme Park	Sample	Bacterial mat				-0.5	2.9		2.5		0	
2008	Campbell et al. 2013	Guaymas	Southern site	Sample	Bacterial mat				0.0	2.9		16.5		0	
2009	Beinart et al. 2012	Lau Basin Kilo Moana	KM2	in situ	Alviniconcha, chim wall			7.9		2.9	9.9	6.9		54	
2009	Beinart et al. 2012	Lau Basin Kilo Moana	TC3	in situ	Alviniconcha, diff fl			4.5		2.9	17.2	15.6		71	
2009	Beinart et al. 2012	Lau Basin Kilo Moana	TM1	in situ	Alviniconcha, chim wall			2.3		2.9	34.6	11.3		27	
2009	Beinart et al. 2012	Lau Basin Kilo Moana	TM3	in situ	Alviniconcha, diff fl				1.8	2.9	27.3	16.9		25	
2009	Beinart et al. 2012	Lau Basin Kilo Moana	ABE2	in situ	Alviniconcha, diff			5.8		2.9	60.2	40.9		239	
2009	Perner et al. 2021	MAR 15°N Logatchev	Irina 2	Samples	Bathymodiolus					2	15.6			< 26	
2009	Perner et al. 2022	MAR 8°S	Nibelungen	Samples						2.9	120			8	
2009	Waite et al. 2008	East Lau SC	Tow Cam	In Situ, voltametry	snail and mussel			4.2		2.9					
2009	Waite et al. 2008	East Lau SC	ABE	In Situ, voltametry	snail and mussel			2.7		2.9					
2009	Waite et al. 2008	East Lau SC	Tui	In Situ, voltametry	snail and mussel			2.1		2.9					
2009	Perner et al. 2016	MAR 5°S	Desperate	Samples	Bathymodiolus			2.0		2	7			10	
2009	Perner et al. 2017	MAR 5°S	Sister	Samples	Bathymodiolus			5.9		2	16			82	
2009	Perner et al. 2018	MAR 5°S	Foggy corner	Samples	Bathymodiolus					2	3			2	
2009	Perner et al. 2019	MAR 9°S	Lilliput	Samples	Bathymodiolus			6.7		2		9		47	
2009	Waite et al. 2008	East Lau SC	Kilo Moana site I	In Situ, voltametry	snail and mussel			5.6		2.9					
2009	Sen et al. 2014	Eastern Lau SC	All including Alvi	in situ	Alviniconcha Hessleri 2009			2.6		2.9	19	7		18	
2009	Sen et al. 2014	Eastern Lau SC	All including Ifre	in situ	Ifremeria 2009				4.3	2.9	18	5		9	
2010	Contreira et al. 2013	EPR 9°50N	Bio9	In Situ, voltammetry	Bathymodiolus thermophilus			7.2		2	11		70		
2010	Contreira et al. 2013	EPR 9°50N	Bio9	In Situ, voltammetry	Alvinella			20.4		2	27		450		
2010	Contreira et al. 2013	EPR 9°50N	P-Vent	In Situ, voltammetry	Riftia			13.6		2					
2010	James et al. 2014	East Scotia Ridge	E2 vent	sample	diffuse flow			5.0		-0.2		20		100	
2010	James et al. 2014	East Scotia Ridge	E2 vent		diffuse flow			5.0		-0.2		20		100	
2010	James et al. 2014	East Scotia Ridge	E9, S field		diffuse flow			5.0		-0.2		20		100	
2010	James et al. 2014	East Scotia Ridge	E9, Carwash		diffuse flow			9.1		-0.2		11		100	
2010	James et al. 2014	East Scotia Ridge	E9, Carwash		diffuse flow			18.2		-0.2		11		200	
2010	James et al. 2014	East Scotia Ridge	E9, N field		diffuse flow					-0.2		nd		1200	
2010	Marsh e al 2012	East Scotia Ridge	E2, E9 vents		various					-0.2	12.6	10.3		not reporte	
2010	Rogers et al., 2012	East Scotia Ridge			various					-0.2	19.3	11		not reporte	
2011	Meier et al. 2017	PACManus	Fenway	in situ, MS	fluid			29.8		2.9		98.5		2940	
2011	Meier et al. 2017	PACManus	Fenway	in situ, MS	fluid			52.9		2.9		71.1		3760	
2011	Meier et al. 2017	North Su	North Su	in situ, MS	fluid			34.6		2.9		46.3		1600	
2011	Meier et al. 2017	North Su	North Su	in situ, MS	fluid			31.4		2.9		51.3		1610	
2011	Meier et al. 2017	North Su	North Su	in situ, MS	fluid			22.6		2.9		66.7		1510	
2011	Meier et al. 2017	PACManus	Fenway	in situ, MS	fluid			0.0	0.0	2.9		3.6		0	
2011	Meier et al. 2017	PACManus	Fenway	in situ, MS	fluid			15.0		2.9		12		180	
2011	Meier et al. 2017	PACManus	Fenway	in situ, MS	fluid			3.5		2.9		11.3		40	
2011	Meier et al. 2017	PACManus	Fenway	in situ, MS	fluid			6.1		2.9		6.6		40	
2011	Meier et al. 2017	North Su	North Su	in situ, MS	fluid				1.4	2.9		30.6		40	
2011	Meier et al. 2017	North Su	North Su	in situ, MS	fluid			12.7		2.9		5.5		70	
2011	Meier et al. 2017	North Su	North Su	in situ, MS	fluid			2.2		2.9		31.4		70	
2011	Meier et al. 2017	North Su	North Su	in situ, MS	fluid				0.0	2.9		3.7		0	
2011	Meier et al. 2017	North Su	North Su	in situ, MS	fluid			14.9		2.9		9.4		140	
2011	Meier et al. 2017	PACManus	Roman Ruins	in situ, MS	fluid				0.0	2.9		7.2		0	
2011	Meier et al. 2017	PACManus	Roman Ruins	in situ, MS	fluid				0.0	2.9		6.6		0	
2011	Meier et al. 2017	PACManus	Solwara	in situ, MS	fluid				0.0	2.9		17		0	
2011	Meier et al. 2017	PACManus	Satanic Mills	in situ, MS	fluid			26.1		2.9		4.6		120	
2011	Meier et al. 2017	PACManus	Satanic Mills	in situ, MS	fluid			9.8		2.9		17.4		170	
2011	Meier et al. 2017	PACManus	Satanic Mills	in situ, MS	fluid			9.0		2.9		8.9		80	
2012	Reveillaud et al. 2016	Caiman Rise	BSM Piccard	Sample, iodometry					1.9	5	108			200	
2012	Reveillaud et al. 2016	Caiman Rise	BSM Piccard	Sample, iodometry						5	106				
2012	Reveillaud et al. 2016	Caiman Rise	BSM Piccard	Sample, iodometry				5.1		5	44			200	
2012	Reveillaud et al. 2016	Caiman Rise	BSM Piccard	Sample, iodometry				9.1		5	38			300	
2012	Reveillaud et al. 2016	Caiman Rise	Von Damm	Sample, iodometry				22.4		5	114			2440	
2012	Reveillaud et al. 2016	Caiman Rise	Von Damm	Sample, iodometry				2.4		5	87			200	
2012	Reveillaud et al. 2016	Caiman Rise	Von Damm	Sample, iodometry				11.1		5	86			900	
2012	Reveillaud et al. 2016	Caiman Rise	Von Damm	Sample, iodometry				2.6		5	119			300	
2012	Reveillaud et al. 2016	Caiman Rise	Von Damm	Sample, iodometry				11.1		5	50			500	
2012	Reveillaud et al. 2016	Caiman Rise	Von Damm	Sample, iodometry				3.5		5	91			300	
2012	Reveillaud et al. 2016	Caiman Rise	Von Damm	Sample, iodometry				7.1		5	47			300	
2012	Reveillaud et al. 2017	Caiman Rise	Von Damm	Sample, iodometry					1.9	5	109			200	
2012	Nedoncelle et al. 2015	EPR 9°50N	V Vent	In Situ, potentiometry	Bathymodiolus thermophilus				3.5	2	9.9		28		
2012	Reveillaud et al. 2016	Caiman Rise	BSM Piccard	Sample, iodometry				15.8		5	24			300	

2012	Reveillaud et al. 2016	Caiman Rise	BSM Piccard	Sample, iodometry		15.4		5	18			200
2012	Reveillaud et al. 2016	Caiman Rise	BSM Piccard	Sample, iodometry		16.7		5	29			400
2012	Reveillaud et al. 2016	Caiman Rise	Von Damm	Sample, iodometry		14.3		5	26			300
1994-1997	Desbruyères et al. 2000	MAR Lucky Strike	Lucky Strike PP2	Samples, colorimetry	Diffuser		1.9	4.5		85		156
1994-1997	Desbruyères et al. 2000	MAR Lucky Strike	Lucky Strike PP2	Samples, colorimetry	Mussel+Mirocaris shrimp		0.3	4.5		13.7		3
1994-1997	Desbruyères et al. 2000	MAR Lucky Strike	Lucky Strike PP2	Samples, colorimetry	Bathymodiolus azoricus		1.1	4.5		5.7		1
1994-1997	Desbruyères et al. 2000	MAR Lucky Strike	Lucky Strike Tou	Samples, colorimetry	Diffuser		0.8	4.5		29.3		19
1994-1997	Desbruyères et al. 2000	MAR Lucky Strike	Lucky Strike Tou	Samples, colorimetry	Mussel+Mirocaris shrimp		1.0	4.5		6.8		2
1994-1997	Desbruyères et al. 2000	MAR Lucky Strike	Lucky Strike Tou	Samples, colorimetry	Bathymodiolus azoricus		1.0	4.5		6.7		2
1994-1997	Desbruyères et al. 2000	MAR Lucky Strike	Lucky Strike Bair	Samples, colorimetry	Diffuser		0.5	4.5		9.2		2
1994-1997	Desbruyères et al. 2000	MAR Lucky Strike	Lucky Strike Bair	Samples, colorimetry	Mussel+Mirocaris shrimp		4.0	4.5		9.5		20
1994-1997	Desbruyères et al. 2000	MAR Lucky Strike	Lucky Strike Bair	Samples, colorimetry	Bathymodiolus azoricus		0.5	4.5		6.7		1
1995 to 2001	Di Meo et al. 2004	EPR 9°50'N		Samples, voltammetry	Sulfide chimney w/alvinella		1.0	2	176		180	
1995 to 2001	Di Meo et al. 2004	EPR 9°50'N		Samples, voltammetry	Diffuser near Alvinella		1.2	2	127		150	
1995 to 2001	Di Meo et al. 2004	EPR 9°50'N		Samples, voltammetry	Alvinella, above colony		10.0	2	13		110	