

Table S1. Mercury ($\mu\text{g}/\text{kg}$ wet mass) in Pacific Ocean Seabird Eggs with Acknowledgments

	N	Geomean	Range	Method	Collector	Processor	Analyst	Reference
Hawaiian Islands								
Kaena Point, Oahu Overall								
Phoebastria immutabilis 2010	11	405	247 - 729	DMA-80	Lindsay Young	Angela Hansen, Frannie Nilsen, Stacy Vander Pol	Colleen Bryan	This study
Phoebastria immutabilis 2011	7	266	190 - 349	DMA-80	Lindsay Young	Melannie Bachman, Angela, Hansen, Frannie Nilsen, Rebecca Pugh	Colleen Bryan	This study
Phoebastria immutabilis 2012	15	299	133 - 486	DMA-80	Lindsay Young	Angela Hansen, Frannie Nilsen, Rebecca Pugh	Colleen Bryan, Julia Smith	This study
Phoebastria immutabilis 2013	17	371	158 - 826	DMA-80	Lindsay Young	Jessica Jacob, Julia Smith, Rebecca Pugh	Colleen Bryan, Julia Smith	This study
Barking Sands, Kauai Overall								
Phoebastria immutabilis 2010	12	387	221 - 808	DMA-80	Peter Silva	Angela Hansen, Frannie Nilsen, Stacy Vander Pol	Colleen Bryan	This study
Phoebastria immutabilis 2011	19	313	155 - 712	DMA-80	Jason Shimauchi, Peter Silva	Melannie Bachman, Angela, Hansen, Frannie Nilsen, Rebecca Pugh	Colleen Bryan	This study
Phoebastria immutabilis 2012	13	323	152 - 486	DMA-80	Jason Shimauchi, Peter Silva	Angela Hansen, Frannie Nilsen, Rebecca Pugh	Colleen Bryan, Julia Smith	This study
Phoebastria immutabilis 2013	15	315	205 - 605	DMA-80	Jason Shimauchi	Jessica Jacob, Julia Smith, Rebecca Pugh	Colleen Bryan, Julia Smith	This study
North Shore, Kauai Overall								
Phoebastria immutabilis 2010	20	334	155 - 535	DMA-80	Lindsay Young, Eric Vander Werf, Kim Uyehara, Megan Dalton, Marilou Knight, Aaron Hebshi, Stacy Vander Pol	Angela Hansen, Frannie Nilsen, Stacy Vander Pol	Colleen Bryan	This study
Phoebastria immutabilis 2011	16	351	150 - 758	DMA-80	Justin Fujimoto	Melannie Bachman, Angela, Hansen, Frannie Nilsen, Rebecca Pugh	Colleen Bryan	This study
Phoebastria immutabilis 2012	15	344	143 - 1020	DMA-80	Lindsay Young, Eric Vander Werf	Angela Hansen, Frannie Nilsen, Rebecca Pugh	Colleen Bryan, Julia Smith	This study
Phoebastria immutabilis 2013	4	480	334 - 795	DMA-80	Julie Murphy, Angie Serota, Lindsay Young	Jessica Jacob, Julia Smith, Rebecca Pugh	Colleen Bryan, Julia Smith	This study
Midway Atoll Overall								
Phoebastria immutabilis 2011	22	204	127 - 511	DMA-80	Nick Aspey, Debra Cofel, Karen Guglielmone, Ann Humphrey, Dagmar Leary	Melannie Bachman, Angela, Hansen, Frannie Nilsen, Rebecca Pugh	Colleen Bryan	This study
Phoebastria immutabilis 2012	5	247	223 - 260	DMA-80	Dagmar Leary, Pete Leary	Angela Hansen, Jessica Jacob, Rebecca Pugh	Colleen Bryan, Julia Smith	This study
Phoebastria immutabilis 2013	13	263	178 - 482	DMA-80	Nicole Cody, Ann Humphrey, Hope Ronco	Jessica Jacob, Julia Smith, Angela Hansen, Katherine Clukey, Rebecca Pugh	Colleen Bryan, Julia Smith	This study
Phoebastria nigripes 2011	2	1140	639 - 2020	DMA-80	Nick Aspey, Ann Humphrey, Dagmar Leary	Melannie Bachman, Angela, Hansen, Frannie Nilsen, Rebecca Pugh	Colleen Bryan	This study
Phoebastria nigripes 2012	7	1420	662 - 2960	DMA-80	Dagmar Leary, Pete Leary, Greg Schubert, Bob Schulmeister	Angela Hansen, Jessica Jacob, Rebecca Pugh	Colleen Bryan, Julia Smith	This study
Phoebastria nigripes 2013	7	1010	657 - 1430	DMA-80	Nicole Cody, Ann Humphrey, Hope Ronco	Jessica Jacob, Julia Smith, Angela Hansen, Katherine Clukey, Rebecca Pugh	Colleen Bryan, Julia Smith	This study
Gulf of Alaska								
St. Lazaria I. Overall								
	89	156	22.9 -376					

Uria aalge 1999	10	199	118 - 277	ID-CV-ICPMS	Alexis Paul and Susan Hatch	Geoff York, Barb Porter	Rusty Day	doi:10.1021/es051064i	
Uria aalge 2001	10	145	68.6 - 198	ID-CV-ICPMS	Leslie Slater	Rebecca Pugh	Rusty Day	doi:10.1021/es051064i	
Uria aalge 2003	10	169	107 - 227	ID-CV-ICPMS	Leslie Slater	Lesley Chappel, Kristin Simac, Michael Ellisor	Rusty Day	doi:10.1016/j.envpol.2012.03.004	
Uria aalge 2004	8	205	132 - 376	ID-CV-ICPMS	Leslie Slater	Kristin Simac, Michael Ellisor	Rusty Day	doi:10.1016/j.envpol.2012.03.004	
Uria aalge 2006	5	119	69.4 - 229	DMA-80	Leslie Slater	Lesley Bunch, Kristin Simac, Amanda Moors	Colleen Bryan	This study	
Uria aalge 2008	5	173	113 - 236	ID-CV-ICPMS	Leslie Slater	Karen Corbell, Rebecca Pugh	Rusty Day	doi:10.1021/es2047156	
Uria aalge 2010	5	142	22.9 - 325	DMA-80	Leslie Slater	David Roseneau, Rebecca Pugh	Colleen Bryan	This study	
Uria lomvia 2001	10	97	48.4 - 176	ID-CV-ICPMS	Leslie Slater	Rebecca Pugh	Rusty Day	doi:10.1016/j.envpol.2012.03.004	
Uria lomvia 2002	6	196	151 - 239	ID-CV-ICPMS	Leslie Slater	Lesley Chappel, Kristin Simac, Rebecca Pugh	Rusty Day	doi:10.1016/j.envpol.2012.03.005	
Uria lomvia 2004	5	200	158 - 232	DMA-80	Leslie Slater	Kristin Simac, Michael Ellisor	Colleen Bryan	This study	
Uria lomvia 2006	5	116	65 - 305	DMA-80	Leslie Slater	Lesley Bunch, Kristin Simac, Amanda Moors	Colleen Bryan	This study	
Uria lomvia 2008	5	139	76 - 190	ID-CV-ICPMS	Leslie Slater	Karen Corbell, Rebecca Pugh	Rusty Day	doi:10.1021/es2047156	
Uria lomvia 2010	5	175	72.4 - 274	DMA-80	Leslie Slater	David Roseneau, Rebecca Pugh	Colleen Bryan	This study	
Middleton I. Overall	18	178	95.4 - 239						
Uria aalge 2003	10	151	95.4 - 239	ID-CV-ICPMS	Andrew Ramey	Lesley Chappel, Kristin Simac, Michael Ellisor	Rusty Day	doi:10.1016/j.envpol.2012.03.005	
Uria aalge 2004	8	220	118 - 350	ID-CV-ICPMS	Jessica Fisher	Kristin Simac, Michael Ellisor	Rusty Day	doi:10.1016/j.envpol.2012.03.005	
East Amatuli I. Overall	21	147	90 - 357						
Uria aalge 1999	11	187	90 - 357	ID-CV-ICPMS	Arthur Kettle	Kristin Simac, Rebecca Pugh	Rusty Day	doi:10.1021/es051064i	
Uria aalge 2003	10	113	91.7 - 140	ID-CV-ICPMS	Arthur Kettle	Kristin Simac, Michael Ellisor	Rusty Day	doi:10.1016/j.envpol.2012.03.005	
Gull I. Uria aalge 2004	8	128	92.8 - 187	ID-CV-ICPMS	Nick Tanape	Kristin Simac, Michael Ellisor	Rusty Day	doi:10.1016/j.envpol.2012.03.005	
Duck I. Uria aalge 2004	4	174	145 - 221	ID-CV-ICPMS	Leslie Slater	Kristin Simac, Michael Ellisor	Rusty Day	doi:10.1016/j.envpol.2012.03.005	
Aleutian Islands									
Bogoslof I. Overall	24	46.4	12.8 - 139						
Uria aalge 2000	9	27.4	12.8 - 47.9	ID-CV-ICPMS	G. Vernon Byrd	Kristin Simac, Rebecca Pugh	Rusty Day	doi:10.1021/es051064i	
Uria lomvia 2000	10	78.6	24 - 114	ID-CV-ICPMS	G. Vernon Byrd	Kristin Simac, Rebecca Pugh	Rusty Day	doi:10.1021/es051064i	
Uria aalge 2005	5	41.7	15.9 - 139	ID-CV-ICPMS	Jeff Williams	Lesley Chappel, Kristin Simac, Amanda Moors	Rusty Day	doi:10.1016/j.envpol.2012.03.005	
Buldir I. Overall	15	242	188 - 367						
Uria lomvia 2004	5	221	188 - 275	DMA-80	Slade F. Sapora	Kristin Simac, Michael Ellisor	Colleen Bryan	This study	
Uria lomvia 2006	5	268	195 - 367	DMA-80	Leslie Slater, Rachael Orben	Lesley Bunch, Kristin Simac, Amanda Moors	Colleen Bryan	This study	

Uria lomvia 2010	5	240	205 - 299	DMA-80	Alexis Will	David Roseneau, Rebecca Pugh	Colleen Bryan	This study
Bering Sea								
St. George I. Overall	60	27.8	7 - 192					
Uria aalge 1999	11	24.3	13.4 - 41	ID-CV-ICPMS	Dean Kildaw	Geoff York, Barb Porter	Rusty Day	doi:10.1021/es051064i
Uria lomvia 2000	7	36.8	31.2 - 48.5	ID-CV-ICPMS	Laurie Ness	Paul Becker, Stacy Vander Pol, Rebecca Pugh	Rusty Day	doi:10.1021/es051064i
Uria lomvia 2002	7	36.3	14.2 - 82.4	ID-CV-ICPMS	Julie Snorek	Lesley Chappel, Kristin Simac, Rebecca Pugh	Rusty Day	doi:10.1016/j.envpol.2012.03.005
Uria aalge 2004	5	33	23.4 - 44.3	DMA-80	Andrew Malavansky	Kristin Simac, Michael Ellisor	Colleen Bryan	This study
Uria lomvia 2005	5	45.5	26.2 - 64.3	DMA-80	Andy Malavansky	Lesley Chappel, Kristin Simac, Amanda Moors	Colleen Bryan	This study
Uria aalge 2006	5	18.4	9.96 - 35.1	DMA-80	Andy Malavansky	Lesley Bunch, Kristin Simac, Amanda Moors	Colleen Bryan	This study
Uria lomvia 2008	5	81.5	55 - 192	ID-CV-ICPMS	Gary Merculief	Karen Corbell, Rebecca Pugh	Rusty Day	doi:10.1021/es2047156
Uria aalge 2009	5	8.91	7 - 10	ID-CV-ICPMS	Peter and Nick Lekanof	David Roseneau, Rebecca Pugh	Rusty Day	doi:10.1021/es2047156
Uria aalge 2010	5	23.1	15.6 - 28.5	DMA-80	Gary Merculief, Rex Iyanninguk	David Roseneau, Rebecca Pugh	Colleen Bryan	This study
Uria lomvia 2010	5	17.6	9.89 - 27.9	DMA-80	Gary Merculief, Rex Iyanninguk	David Roseneau, Rebecca Pugh	Colleen Bryan	This study
St. Paul I. Overall								
St. Paul I. Overall	15	29.1	6.24 - 84.8					
Uria lomvia 2009	5	16.5	9 - 44	ID-CV-ICPMS	Greg Thomson, Mike McClintock	David Roseneau, Rebecca Pugh	Rusty Day	doi:10.1021/es2047156
Uria aalge 2010	5	33.4	6.24 - 62.6	DMA-80	Greg Thomson	David Roseneau, Rebecca Pugh	Colleen Bryan	This study
Uria lomvia 2010	5	44.6	22.1 - 84.8	DMA-80	Greg Thomson	David Roseneau, Rebecca Pugh	Colleen Bryan	This study
Cape Pierce Uria aalge 2005								
Cape Pierce Uria aalge 2005	5	47.4	28 - 112	ID-CV-ICPMS	Rob MacDonald	Lesley Chappel, Kristin Simac, Amanda Moors	Rusty Day	doi:10.1016/j.envpol.2012.03.005
St. Lawrence I. Overall								
St. Lawrence I. Overall	34	41.2	12 - 138					
Uria aalge 2002	3	28.7	19.1 - 53	DMA-80	Brandon Waghiyi/Adrian Gall	Lesley Chappel, Kristin Simac, Rebecca Pugh	Colleen Bryan	This study
Uria aalge 2006	5	83.8	56 - 138	DMA-80	Brandon Waghiyi	Lesley Bunch, Kristin Simac, Amanda Moors	Colleen Bryan	This study
Uria aalge 2008	5	50.6	36 - 69	ID-CV-ICPMS	Dylan Iya	Karen Corbell, Rebecca Pugh	Rusty Day	doi:10.1021/es2047156
Uria lomvia 2002	6	37.5	24.6 - 70.1	ID-CV-ICPMS	Jackson Mokiyyuk/Adrian Gall	Lesley Chappel, Kristin Simac, Rebecca Pugh	Rusty Day	doi:10.1016/j.envpol.2012.03.005
Uria lomvia 2003	5	17.6	13.1 - 25.6	DMA-80	Brandon Waghiyi	Lesley Chappel, Kristin Simac, Michael Ellisor	Colleen Bryan	This study
Uria lomvia 2006	5	79.7	58.2 - 120	DMA-80	Brandon Waghiyi	Lesley Bunch, Kristin Simac, Amanda Moors	Colleen Bryan	This study
Uria lomvia 2008	5	27.9	12 - 41	ID-CV-ICPMS	Dylan Iya	Karen Corbell, Rebecca Pugh	Rusty Day	doi:10.1021/es2047156
Norton Sound								
Bluff Overall								
Bluff Overall	15	124	74.5 - 234					
Uria aalge 2002	5	102	74.5 - 124	DMA-80	Ed Murphy	Lesley Chappel, Kristin Simac, Rebecca Pugh	Colleen Bryan	This study
Uria aalge 2005	5	155	101 - 234	ID-CV-ICPMS	Roy Ashenfelter	Lesley Chappel, Kristin Simac, Amanda Moors	Rusty Day	doi:10.1016/j.envpol.2012.03.005

Uria aalge 2008	5	121	82 - 144	ID-CV-ICPMS	T. Sparks	Karen Corbell, Rebecca Pugh	Rusty Day	doi:10.1021/es2047156
Sledge I. Overall	10	92	52 - 172					
Uria aalge 2005	5	117	77.5 - 172	ID-CV-ICPMS	Harold Ahmasuk	Lesley Chappel, Kristin Simac, Amanda Moors	Rusty Day	doi:10.1016/j.envpol.2012.03.005
Uria aalge 2008	5	72.5	52 - 102	ID-CV-ICPMS	Austin Ahmasuk	Karen Corbell, Rebecca Pugh	Rusty Day	doi:10.1021/es2047156
Cape Denbigh Overall	10	136	84 - 287					
Uria aalge 2005	5	174	110 - 287	ID-CV-ICPMS	Lance Sampson	Lesley Chappel, Kristin Simac, Amanda Moors	Rusty Day	doi:10.1016/j.envpol.2012.03.005
Uria aalge 2009	5	106	84 - 184	ID-CV-ICPMS	Clyde Jackson	David Roseneau, Rebecca Pugh	Rusty Day	doi:10.1021/es2047156
Bering Strait and Chukchi Sea								
Little Diomed I. Uria lomvia 2008	5	73.2	56 - 97	ID-CV-ICPMS	Dylan Iya	Karen Corbell, Rebecca Pugh	Rusty Day	doi:10.1021/es2047156
Cape Lisburne Uria lomvia 2002	6	50.8	32.1 - 72.3	ID-CV-ICPMS	Earl Kingik	Lesley Chappel, Kristin Simac, Rebecca Pugh	Rusty Day	doi:10.1016/j.envpol.2012.03.005