

**Table S2.**

Contaminant	Location	Tissue Type	Mean $\pm$ SD (Range)
Arsenic (inorganic)	Vancouver, BC, Canada	fronds	2.7 <sup>d</sup>
	Vancouver, BC, Canada	stipes	0.5 <sup>d</sup>
Arsenic (total)	Vancouver, BC, Canada	fronds	92.4 <sup>d</sup>
	Vancouver, BC, Canada	stipes	48.8 <sup>d</sup>
	Bamfield, BC, Canada	commercial samples	(66 -79) <sup>a</sup>
	Washington, USA	fronds	62 $\pm$ 1.4 <sup>b</sup>
	Washington, USA	stipes	72 $\pm$ 1.3 <sup>b</sup>
Cadmium	Washington, USA	bulbs	41 $\pm$ 1.0 <sup>b</sup>
	Vancouver, BC, Canada	fronds	2 <sup>c</sup>
	Bamfield, BC, Canada	commercial samples	0.30 - 2.76 <sup>a</sup>
Lead	Bamfield, BC, Canada	commercial samples	<0.01-0.08 <sup>a</sup>
	Vancouver, BC, Canada	fronds	0.9 <sup>c</sup>
Mercury	Bamfield, BC, Canada	commercial samples	Not detected (<0.05) <sup>a</sup>
	Vancouver, BC, Canada	fronds	Not detected (<0.05) <sup>c</sup>

<sup>a</sup> [35]; <sup>b</sup> [40]; <sup>c</sup> [41]; <sup>d</sup> [42]