

Table S1. Sources of *Mytilus californianus* in Washington State used in this study, with length in mm when the entire shell was available for measurement. Tatoosh site abbreviations include: HC=Hedophyllum, FN=Father, GL=Glacier, NI=North Island.

Locale (site when known)	Size range, length in mm	Time era	Source
Tatoosh Island (HC, FN, GL)	Maximum 67 – 200	Modern 2009-2011	CAP, SJM, JTW
Tatoosh Island (likely GL)	Maximum, 109 – 199	Archival 1970s	THS
Tatoosh Island	Maximum 80 – 117 (est.)	Midden, 1000-1340 yBP	Makah Cultural & Research Center
Tatoosh Island (GL site)	Minimum 13 – 45	Archival 1974-1976	RTP, THS
Tatoosh Island (GL site)	Minimum 13 – 45	Modern 2011-2012	CAP
Tatoosh Island (NI site)	Mid-range 56 – 72	Archival 2001	ES
Tatoosh Island (NI site)	Mid-range 56 – 72	Modern 2011-2012	CAP
Sand Point	Maximum 55 – 112 (est.)	Midden 2150-2420 yBP	Olympic Natl Park
Sand Point (North)	Maximum 49 – 62	Modern 2010	CAP
Sand Point (Yellow Banks)	Maximum 98 – 117	Modern 2010	JTW