

*Crangon alaskensis* Lockington, 1877

Nomenclature	
Phylum	Arthropoda
Class	Malacostraca
Order	Decapoda
Family	Crangonidae
Authority	Lockington 1877
Original Description	Lockington, W. N. 1877a
Common Synonyms (S) Previous Names (PN)	<i>Crango alaskensis</i> <i>Neocrangon alaskensis</i> <i>Crangon alaskensis</i> <i>elongata</i> Rathbun, 1902

Distribution	
Type Locality	Mutiny Bay, Alaska (Wicksten 2012)
Geographic Distribution	Bering Sea to Todos Santos Bay, Baja California (Wicksten 2012)
Habitat	Fine sand, euryhaline, intertidal zone to 275 m but usually subtidal (Wicksten 2012)



Description	
From Wicksten 2012	
Male TL 52 mm, female 65 mm.	
<p>Rostrum reaching or exceeding cornea; apex rounded. Carapace with 1 median dorsal tooth, also hepatic, branchiostegal teeth, moderate pterygostomial tooth. Eye pigmented. Stylocerite acute, about as long as first segment of antennular peduncle. Scaphocerite narrow, lateral tooth much longer than blade, blade tapering toward distal end. Third maxilliped setose, with exopod. P1 with inner spine, strong distal spine on merus, propodus broad, dactyl closing obliquely against propodus. P2 slender, chelate. P3 slender, with simple dactyl. P4, 5 longer and more robust than third, with simple dactyls. Pleura of abdominal somites rounded or blunt. Abdominal somite 6 with posterolateral tooth, ventral groove. Telson with 2 pairs dorsolateral spines, about as long as uropods.</p>	

*Crangon alaskensis*

Diagnostic Characteristics	
Diagnostic Characteristics	Photo Credits: J. Cordell
Antennal scale blade tip narrow, spine long, much exceeding blade; inner flagellum on first antenna distinctly less than two times as long as outer flagellum	
Tip of telson with three spines on each side	

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## Related Species and Characteristic Differences

Species Name	Diagnostic Characteristics
<i>Crangon nigricauda</i>	Antennal scale blade tip broad, spine generally short, hardly exceeding blade; scale about two-thirds length of carapace; finger of hand tending toward transverse, at about 30° angle to hand; antennae from two-thirds body length to as long as body (a variable species) (Kuris et al. 2007).

## Comments

## Literature

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- Kozloff, E.N. and L. H. Price. 1987. Marine Invertebrates of the Pacific Northwest. Seattle (WA): University of Washington Press. (p.402)

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- Kuris, A. M., P. S. Sadeghian, J. T. Carlton, and E. Campos. 2007. Decapoda. In: Carlton, J. T., Eds. *The Light and Smith Manual. Intertidal Invertebrates from Central California to Oregon*. 4<sup>th</sup> ed. Los Angeles, CA: University of California Press. pp. 632-656. (636, 640, 650)
- Lockington, W. N. 1877a. Remarks on the Crustacea of the Pacific coast, with descriptions of some New species. *Proceedings of the California Academy of Sciences* 7:28-36. (p.7)
- Martin, Joel W., T. L. Zimmerman. 1997. Order Decapoda. In: Blake J.A., Scott P. H., Eds. *Taxonomic Atlas of the Benthic Fauna of the Santa Maria Basin and the Western Santa Barbara Channel*. Volume 10. ISBN 0-936-494-15-8. Santa Barbara: Santa Barbara Museum of Natural History. Chapter The Crustacea Part 1: The Decapoda. pp. 49-121. (pp. 70-72)
- Rathbun, M.J. 1904. Decapod crustaceans of the northwest coast of North America. *Harriman Alaska Expedition*, 10, 1-210, Plates 1-10, text figures 1-95. (p. 114-115)
- Wicksten, M. K. 2012. Decapod Crustacea of the Californian and Oregonian Zoogeographic Provinces. *Zootaxa* 3371. Magnolia Press. 307 pp.

## More Information

More information about Puget Sound benthic invertebrates is available at:  
<http://www.ecy.wa.gov/programs/eap/psamp/index.htm>

Prepared by Julianne Ruffner (Department of Ecology), Cassandra McNeal (University of Washington - Tacoma), and Jeffery Cordell (University of Washington - Seattle) on 2/6/13. This document is available on the Department of Ecology's website at <https://fortress.wa.gov/ecy/publications/SummaryPages/1403224.html>.

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