

## 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)	Crago alaskensis Neocrangon alaskensis Crangon alaskensis elongata 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)	

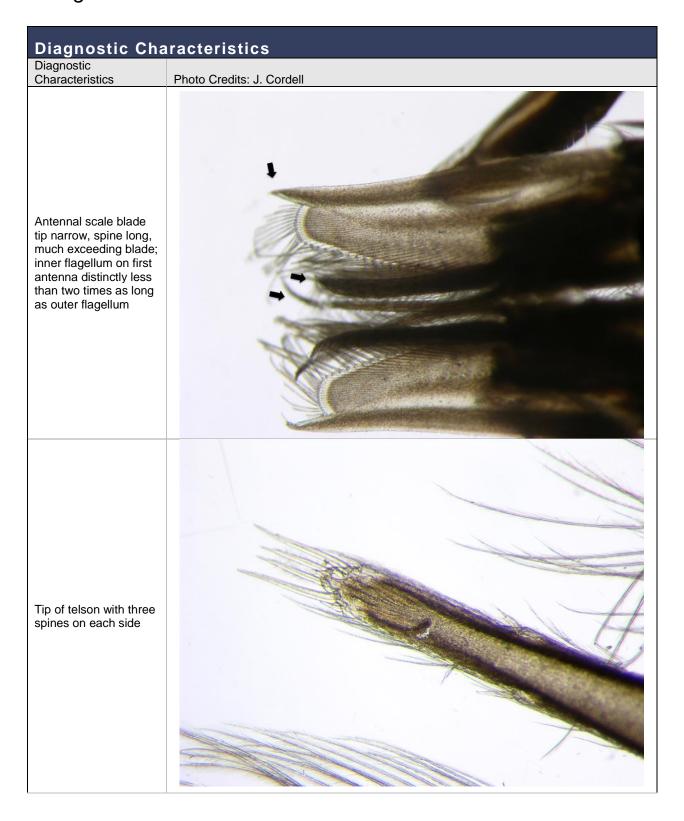


# **Description**From Wicksten 2012

Male TL 52 mm, female 65 mm.

Rostrum reaching or exceeding cornea; apex rounded. Carapace with 1 median dorsal tooth, also hepatic, branchiostegal teeth, moderate pterygostomian 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.

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Finger of hand at a 45° angle, or less, to hand; no spine on posterodorsal corner of fifth abdominal segment



Related Species and Characteristic Differences		
Species Name	Diagnostic Characteristics	
Crangon nigricauda	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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- 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

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