

Species: Cumella vulgaris Museum Number: \_\_\_\_\_

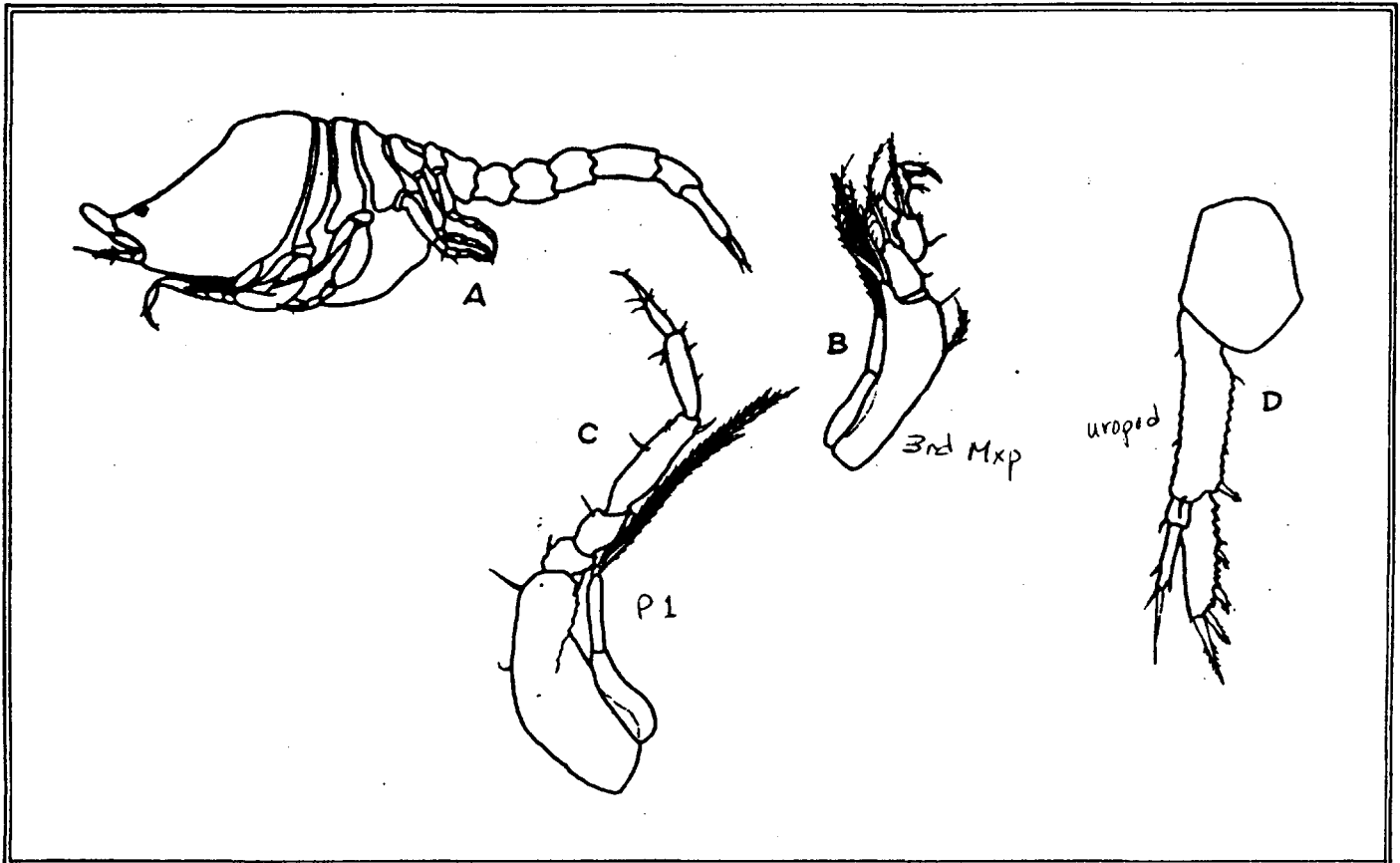
Describer: Hart Date: 1931 Family: Nannastacidae

Common Name: \_\_\_\_\_

Source: Hart, Josephine F.L., 1931. Some Cumacea of the Vancouver Island Region, Contrib. to Canadian Biology & Fisheries, U.S. Vol. III, No. 3.  
Wieser, Wolfgang, 1956. Factors Influencing the Choice of Substratum in  
Synonymy Cumella vulgaris Hart (Crustacea, Cumacea) Limnology & Oceanography,  
Vol 1, pp. 274-285.

Distinguishing Characteristics:

♀: Integument is finely hairy & covered with minute sharp-pointed scales. Carapace has a smooth mid-dorsal carina, on either side of which is a definite depression near the posterior margin. Pseudorostrum is minutely serrate anteriorly, with a clearly defined smooth sinus below. The antennule is rather stout, and the first joint of the peduncle is longer than either the second or third, which are sub-equal. There are 2 large plumose setae on the antenna.  
The 3rd maxilliped is stout with fine serrations on the inner distal margin of the basis. There is a single tooth on the outer margin of the merus and 3 on the carpus. The basis of the 1st pair of legs is serrate on the outer distal margin. The dactyl and



propodus are together equal in length to the carpus. The 2nd pair of legs is stout, with the dactyl nearly twice as long as the propodus and about 1 1/2 times as long as the carpus. The last 3 pair of legs are rather stout.

The peduncle of the uropods is slightly longer than the last pleonite, and is strongly serrate on the inner margin, with a strong spine on the inner distal angle. The endopod is longer than the exopod, denticulate on the inner margin and armed with 3 stout lateral spines and a very strong apical spine. The exopod is only about 1/2 the width of the endopod & has a slender apical spine.

Color: carapace and 6th pleonatal segment dark brown and the rest of the animal light brown or white. Length: 2.5 mm.

♂: uropods are not as stout as those of the female & the peduncle is armed with 3 spines instead of one.

Color: all dark brown except the distal segments of the appendages & the first 5 pleonatal segments which are light brown. Length: 3 mm.

Ovigerous: J F M A M J J A S O N D

Juvenile: J F M A M J J A S O N D

1	2	3	4	
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MSGR	MSGR	MSGR	MSGR	
5	6	7	8	
IBP	IBP	IBP	IBP	
MSGR	MSGR	MSGR	MSGR	
9	10	11	12	
IBP	IBP	IBP	IBP	
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13	14	15	16	
IBP	IBP	IBP	IBP	
MSGR	MSGR	MSGR	MSGR	
17	18	19	20	
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21	22	23	24	
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MSGR	MSGR	MSGR	MSGR	
29	30	31	32	
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42	43	44	45	46
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Remarks:

West Vancouver Island 1925-1930

Bodega Bay 1985

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I intertidal  
B benthic  
P pelagic  
M mud  
S sand  
G gravel  
R rock

