City and County of San Francisco Voucher Sheet

Species: *Ischyrocerus anguipes*
Authority: Kroyer, 1838
Common Synonyms: *Ischyrocerus* sp. SF1

Voucher Information

<table>
<thead>
<tr>
<th>VIAL NUMBER</th>
<th>SAMPLE NUMBER</th>
<th>STATION</th>
<th>SAMPLE DATE</th>
<th>NUMBER OF SPECIMENS</th>
<th>COMMENTS/NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>BSPAB023</td>
<td>unknown</td>
<td>24 Oct 1985</td>
<td>1</td>
<td>Old and very ragged.</td>
</tr>
<tr>
<td>2</td>
<td>BSSWC132</td>
<td>01</td>
<td>26 Jun 1989</td>
<td>28</td>
<td>Antennae and pereopods 3-7 missing from most individuals.</td>
</tr>
<tr>
<td>3</td>
<td>0109139378</td>
<td>3</td>
<td>12 Sep 2001</td>
<td>4</td>
<td>1 female, 3 males, including one w/ a mature G2. CLZ.</td>
</tr>
<tr>
<td>4</td>
<td>BSSWB123</td>
<td>4</td>
<td>26 Jun 1989</td>
<td>1</td>
<td>A large-clawed male.</td>
</tr>
</tbody>
</table>

Characters:

- The outer ramus of uropod 3 has 3-5 pronounced denticles and a curved tooth. From the serrated portion to the end of the outer ramus of uropod 3 is approximately 1/3 the total length of the ramus (b).
- Females and immature males: gnathopod 2 only slightly larger than gnathopod 1 (a).
- Mature males: gnathopod 2 (G2) greatly enlarged with a concave palm. The posterior edge of the dactyl bears a pointed cusp (c).

Additional Information:
Distribution: Subarctic and Boreal.

“Ecology: A common shallow-water tube-building amphipod, occurring from the low tide level, especially along rocky shores, to depths of over 50 m. A common fouling organism on pipes, aids-to-navigation, etc. in cold-water areas.” (Bousfield 1973)

Illustrations:

a. Female, whole body (Bousfield 1973)
b. Outer ramus of uropod 3 (SWOO 0109139378, drawn by CLZ 2005)
c. Mature male, anterior half of body. (Sars 1898)
*Ischyrocerus anguipes* (continued)

**Similar Species:**

*Ischyrocerus anguipes* lacks the palmar spines found on the gnathopods of *Ischyrocerus pelagops* and *Ischyrocerus* sp. SF2. The teeth on the outer ramus of uropod 3 are larger and more pronounced than those of *I. pelagops* or *Ischyrocerus* sp. SF2 and generally fewer in number. In *I. anguipes*, the toothed section of the outer ramus of uropod 3 is approximately 1/3 the length of the whole ramus, whereas in *I. pelagops* and *Ischyrocerus* sp. SF2 the ratio is approximately 1/5.

**Comments:**

We previously treated the large-clawed adult males as a provisional species *Ischyrocerus* sp. SF1 but have since established that they are also *I. anguipes*.

**References:**


**Revision History:**

26 October 2005   CLZ   Updated to reflect the synonimization of *Ischyrocerus* sp. SF1 with *Ischyrocerus anguipes* and to add the Sars 1898 reference and illustration.

29 August 2004   CLZ   Added vial numbers to voucher specimen information.