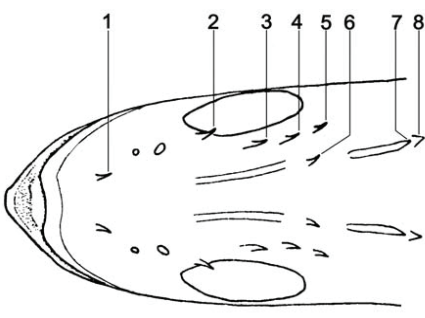


# Scorpaenidae Species Description

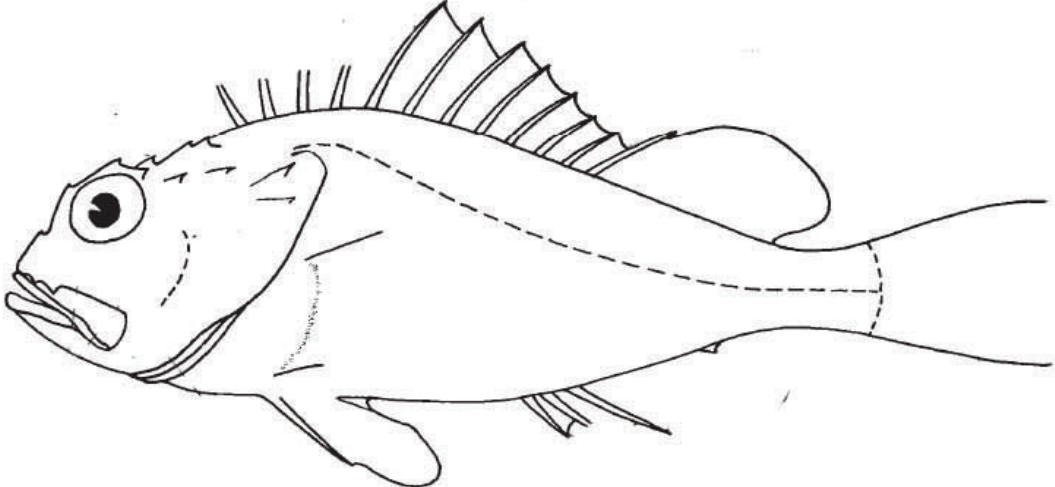
Observer code: \_\_\_\_\_ Vessel Code: \_\_\_\_\_ Trip ID: \_\_\_\_\_  
 Common name / code: \_\_\_\_\_  
 Haul: \_\_\_\_\_ Specimen collected? **Y / N** Total length (cm): \_\_\_\_\_ Fork length (cm): \_\_\_\_\_  
 Date: \_\_\_\_\_ Photos? **Y / N** Sex: **M / F / I / U** Weight (kg): \_\_\_\_\_

<p><b>Check box for presence/absence</b></p> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th style="width: 100px;"></th> <th style="width: 50px;">Present</th> <th style="width: 50px;">Absent</th> </tr> </thead> <tbody> <tr> <td>Occipital pit</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Palatine teeth</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td> </td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </tbody> </table> <p>Describe color : _____</p>		Present	Absent	Occipital pit	<input type="checkbox"/>	<input type="checkbox"/>	Palatine teeth	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<p><b>Head spine strength (circle one)</b></p> <table border="0" style="margin-left: 20px;"> <tr> <td style="width: 100px;"></td> <td style="text-align: center;">WEAK</td> <td style="text-align: center;">STRONG</td> </tr> <tr> <td></td> <td style="text-align: center;">1</td> <td style="text-align: center;">2 3 4 5 6 7 8</td> </tr> </table> <p>Circle the numbers of all head spines present</p>		WEAK	STRONG		1	2 3 4 5 6 7 8	
	Present	Absent																		
Occipital pit	<input type="checkbox"/>	<input type="checkbox"/>																		
Palatine teeth	<input type="checkbox"/>	<input type="checkbox"/>																		
	<input type="checkbox"/>	<input type="checkbox"/>																		
	WEAK	STRONG																		
	1	2 3 4 5 6 7 8																		

<p><b>Fin spine &amp; ray counts:</b></p> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th style="width: 100px;"></th> <th style="width: 50px;">Spines</th> <th style="width: 50px;">Rays</th> </tr> </thead> <tbody> <tr> <td>Dorsal</td> <td style="text-align: center;"><input type="text"/></td> <td style="text-align: center;"><input type="text"/></td> </tr> <tr> <td>Anal</td> <td style="text-align: center;"><input type="text"/></td> <td style="text-align: center;"><input type="text"/></td> </tr> </tbody> </table>		Spines	Rays	Dorsal	<input type="text"/>	<input type="text"/>	Anal	<input type="text"/>	<input type="text"/>	<p><b>Pelvic fin rays (circle one)</b></p> <table border="0" style="margin-left: 20px;"> <tr> <td style="width: 100px;"></td> <td style="text-align: center;">BRANCHED</td> <td style="text-align: center;">UNBRANCHED</td> </tr> </table> <p>Total count: _____ # free of membrane: _____</p>		BRANCHED	UNBRANCHED	<p>Suborbital spines—count: _____</p>
	Spines	Rays												
Dorsal	<input type="text"/>	<input type="text"/>												
Anal	<input type="text"/>	<input type="text"/>												
	BRANCHED	UNBRANCHED												

Draw the animal and include the following:

<ol style="list-style-type: none"> <li>1. Shape of dorsal fin—fill in spine heights</li> <li>2. Caudal fin shape</li> <li>3. Pectoral fin shape</li> <li>4. Anal fin shape and draw in 2nd spine</li> </ol>	<ol style="list-style-type: none"> <li>5. Suborbital spines (on cheek)</li> <li>6. Preopercular spines</li> <li>7. Cirri (skin flaps) on head</li> </ol>
---	--



Additional field characteristics used to identify this species: