

I.D. Antarctica

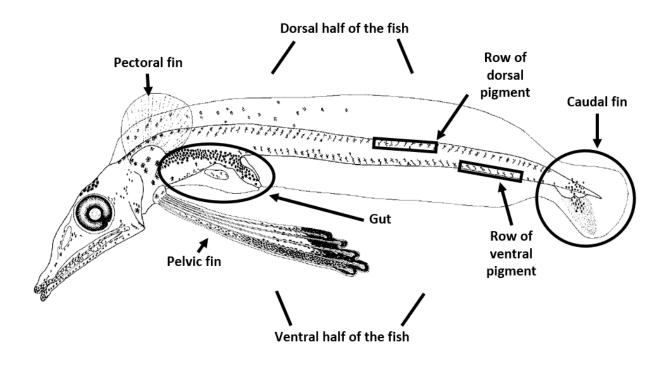
Week 3 Dichotomous Identification Key Common larval fishes of the Western Antarctic Peninsula

Always start with the first question, Q1. In this case, the questions are worded as statements. Choose the statement that best describes the organism in the photo, and then follow the instructions which will tell you which Question to go to next. Don't worry if that means you skip over a question – just follow the directions and you will get to an identification when you are done. Refer to the fish anatomy drawing online or on the last page of this key. Good luck!

Q5
5a – The fish is short and fat, almost bloated. The gut is massive, silver-colored, and extends to ~50% of the body length. The body is entirely covered in pigment, except for the caudal fin region
Q6
6a – There are two rows of short spines that go along the length of the body. One row is near the dorsal side and the other row is near the ventral side. The entire body is covered in pigment
Q7
7a – The fish is mostly white, with two , thick vertical stripes of pigment on its body
Q8
8a – There are dozens of thin vertical stripes that run the length of the body. There is also pigmentation above the gut, behind the head, and on the dorsal side of the body
8b – There are no vertical stripes on the bodyGo to Q9
Q9
9a – The body is mostly white, with a single row of pigment on the dorsal part of
the body. There is also some pigmentation directly above the gut and behind the
skull
9b – The body is mostly white, with a single row of pigment that runs down the
middle of the body. There is also some pigmentation directly above the gut and
behind the skull

Q10	
10a – The pelvic fin is much longer than it is wide; it extends over body. It has a length of approximately 20 millimeters (mm) or m	
Cryc	
10b – The pelvic fin is short; it is only as long as it is wide. It has	a length of
approximately 10 mm or less	Go to Q11
Q11	
11a – The entire pelvic fin, from the part attached to the body a	nd extending
outwards to the end of the fin, is darkly pigmented	Go to Q12
11b – Only the outside edge of the pelvic fin is pigmented. The a	area of the fin
connecting to the body is clear	Go to Q13
Q12	
12a – There is a patch of pigmentation on the dorsal area of the	body directly
behind the head. The pigmentation extends only halfway down	the length of the
body, the remaining body and tail are whitePagetopsis made	cropterus (icefish)
12b – There are dozens of thin vertical stripes that run the entir	•
body	(ocellated icefish)
Q13	
13a – The sides of the body are white. There is a single row of p	igmentation that
runs along the dorsal portion of the fish	_
13b – There are dozens of thin vertical stripes that run the entir	
body	
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Fish Anatomy



Modified from Kellermann 1990