



## Student Worksheet: Reading whole Australian herring otoliths

### Phase of learning

Years 7 - 8, Senior Secondary (Years 11-12)

### WA Curriculum

K-10 Science, SS Biology – ATAR, SS Biology – General, SS Integrated Science – ATAR, SS Marine and Maritime Studies – ATAR, SS Marine and Maritime Studies – General

### Region

North Coast, Gascoyne Coast, West Coast, South Coast, Indian Ocean Territories

### Summary

This student worksheet is associated with the Lesson: Counting rings



## Reading whole Australian herring otoliths

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

Using the set of whole otolith images, count the growth rings (bands) of each otolith and tally the age of each of the fish in the table below.

Growth bands appear as milky or opaque rings. For the fish species provided, each band represents one year of life. Refer to the image below for an example of how to read each whole otolith image.



Number of samples: \_\_\_\_\_

Age	Running Tally	Age	Running Tally
1		11	
2		12	
3		13	
4		14	
5		15	
6		16	
7		17	
8		18	
9		19	
10		20	

## Download Files

[SW - Reading whole Australian herring otoliths WEB](#)

## Related resources

[Student Resource Sheet: Reading sectioned Black bream otoliths](#)

[Student Worksheet: Reading sectioned Black bream otoliths](#)

[Student Resource Sheet: Reading whole Australian herring otoliths](#)

[Teacher Resource Sheet: Reading sectioned Black bream otoliths - suggested answers](#)

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[Presentation: Reading sectioned Black Bream otoliths](#)

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