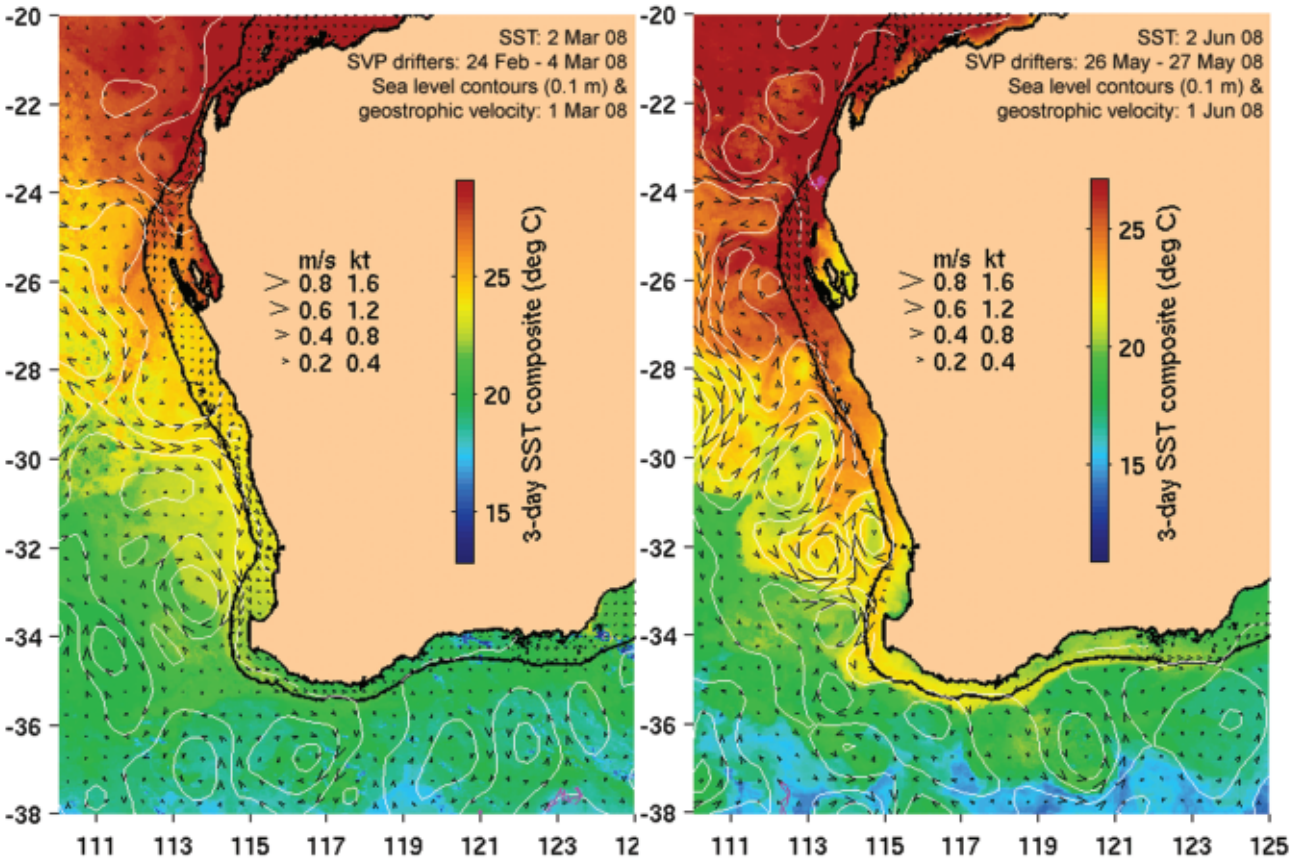

Figure 4. Sea surface temperature images indicating position of Leeuwin Current on A) 2 March and B) 2 June 2008. Images downloaded from http://www.marine.csiro.au/remotesensing.

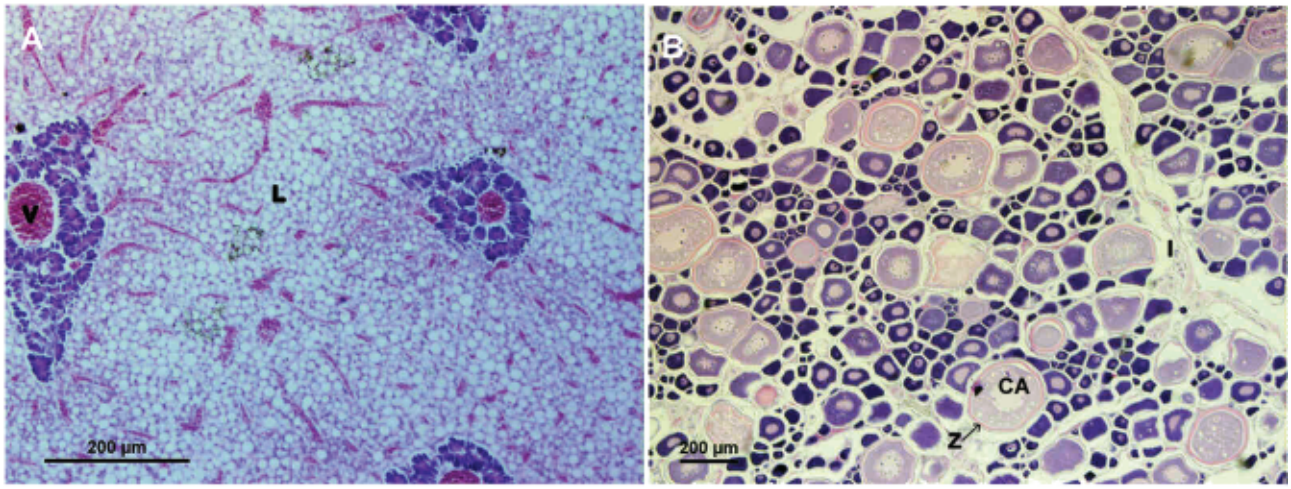

Figure 5. Histological sections from stranded Ranzania laevis sampled in May 2008. A) liver displaying abundant lipid vacuoles (L) (clear, spherical); blood vessels (V) also evident. B) ovary showing cortical oleoli (CA) stage oocytes, including well develop ed zona radiata (Z), and intralamellar stromal strands (I).

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Length, weight and sex composition

[illegible]

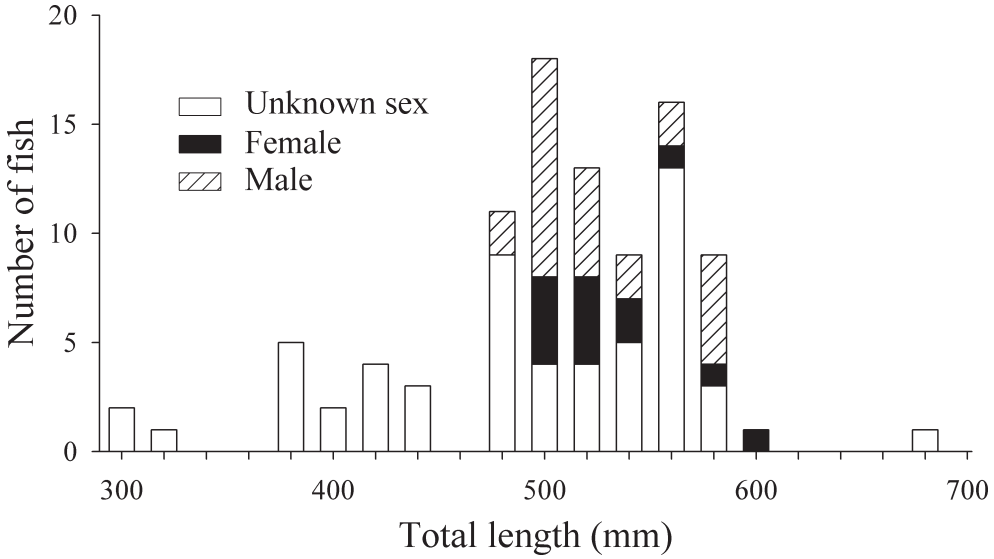

Figure 6. Length frequencies of Ranzania laevis sampled between February and June 2008 along the south coast of Western Australia.

R. laevis

$W = 0.0007 \times L^{2.5071}$

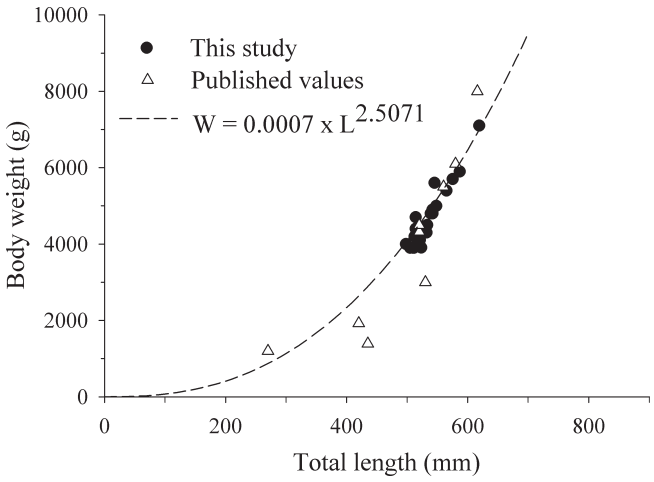

Figure 7. Total length versus total weight of Ranzania laevis sampled in 2008 along the south coast of Western Australia and other published values for this species. Data from males and females are pooled. Sources of published values: Specchi & Bussani 1979; Jardas & Knezevic 1983; Walker 1983; Ebenzer & Joel 1984; Iddison 2002.

Reproductive status

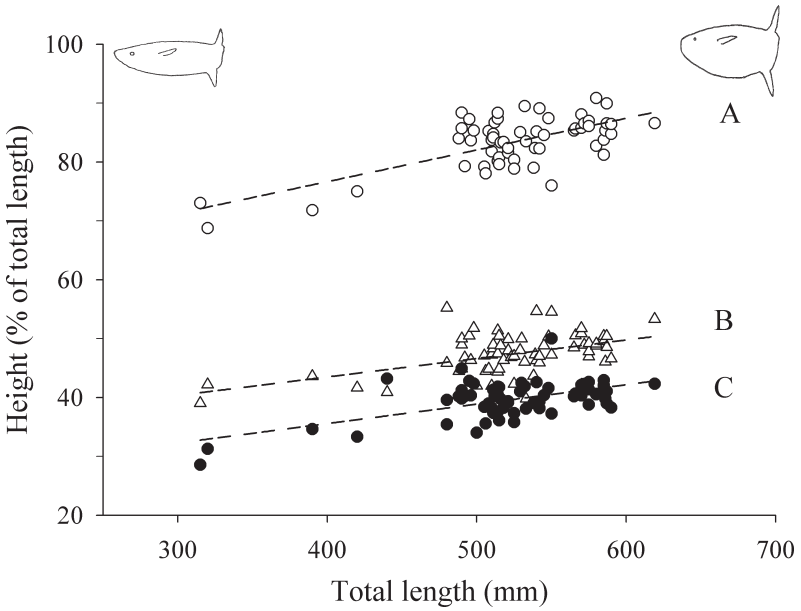

Figure 8. Total length versus A) maximum height, B) height at insertion point of pectoral fin, and C) height at clavus, expressed as a percentage of total length. Measurements by Raven (1939) from a single fish (315 mm) previously collected at Albany are also included. Regressions fitted A) Height = (0.0539 x Length) + 55.105 (r^2 = 0.4708); B) Height = (0.0314 x Length) + 30.925 (r^2 = 0.2445); C) Height = (0.033 x Length) + 22.374 (r^2 = 0.3314).

Stomach contents

[illegible] *Posidonia sinuosa* [illegible] *P. australis* [illegible]

Discussion

[illegible] *R. laevis* [illegible] et al. [illegible] *R. laevis* [illegible] *R. laevis* [illegible]

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Acknowledgements: Thanks to Joshua Brown, Tracy Calvert, Noel Chambers, John Creeper, Paul Hillier, Gary Jackson, Ross Marriot, Amanda Nardi, Alan Pearce and David Tunbridge for their contributions to this study. The manuscript was improved by the suggestions of two anonymous reviewers.

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