**Doliolum denticulatum**
Quoy & Gaimard, 1834

**Phylum**  
Chordata

**Order**  
Doliolida

**Family**  
Doliolidae

**Synonyms**  
None

**Size**  
Gonozooid length up to 10 mm

**Genus notes**  
- Dextral arched intestine

**Species notes**  
*Gonozooid (Blastozooid)*
- 8 muscle bands in parallel transverse rings
- Gill slits strongly arched from M2 dorsally to just passed M5, then curving and running to M3 ventrally
- Endostyle short, from M2 to M4
- Testis long, swollen, situated horizontally in front of M3, sometimes beyond M2
- Differentiated from *D. nationalis* which has shorter testes behind M4. The form of the gill slits and gill location is also diagnostic.

**Distribution**  
- Widespread in all oceans from 40°N to 40°S (following approximately 10°C isotherm in north and 15°C isotherm south)

**Ecology**

Compiled: C. H. Davies & A. S. Slotwinski 2012  
Verified: Godeaux (1998); Boltovskoy (2005)
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Quoy & Gaimard, 1834

**Phylum**  
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**Order**  
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**Family**  
Doliolidae

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**Synonyms**  
None

**Size**  
Nurse length up to 2 mm

**Genus notes**  
These stages of *D. denticulatum* and *D. nationalis* cannot be separated

**Larvae**  
- Body fusiform
- With tail
- No ampulla

**Nurses**  
- Barrel shaped, without visceral mass, except for heart
- M2-M8 fused in continuous sheet
- Budding on the dorso-ventral process

**Oozooids**  
- Endostyle from M2 to M5
- 9 muscle bands in parallel transverse rings
- Dorso-ventral process at M7
- Intestinal tube stretched sagittally

**Source**  
Boltovskoy (2005)
Godeaux (1998)
van Couwelaar (2003)

(Full reference available at http://www.imas.utas.edu.au/zooplankton/references

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