**Doliolum nationalis**
Borgert, 1893

**Synonyms**
None

**Size**
Gonozooid length up to 4 mm

**Genus notes**
- Dextral arched intestine

**Species notes**
**Gonozooid (Blastozooid)**
- 8 muscle bands in parallel transverse rings
- Gill slits arched from M2 dorsally to M5 and turn slightly forward to finish just in front of M5
- Endostyle short, from M2 to M4
- Testis is variable in length, it extends horizontally, behind M4, on the left side of the animal
- Differentiated from *D. denticulatum* which has longer testes in front of M3. The form of the gill slits and gill location is also diagnostic.

**Distribution**
- Distribution in North and Central Atlantic Ocean, Mediterranean Sea, Red Sea, subtropical SW Atlantic Ocean, tropical Indian and W Pacific Oceans

**Ecology**

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Live specimen
North Stradbroke Island, Queensland

1 mm

A.Slotwinski, CSIRO © 2011

Compiled: C. H. Davies & A. S. Slotwinski 2012
Verified:
Doliolum nationalis
Borgert, 1893

Phylum Chordata
Order Doliolida
Family Doliolidae

Synonyms
None

Size
Nurse length up to 2 mm
No other sizes available

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)
Couwelaar (2003)
Godeaux (1998)

(Godeaux, 1998)