

Species at Risk Awareness: Gastropods

Dromedary Jumping Slug, *Hemphillia malonei*

BC Red List, COSEWIC: Threatened

Description

- greyish in colour with cream mottling, base of foot is yellow, orange or cream.
- Body can be up to 6cm long.
- Slit in the mantle through which the internal shell is visible.
- Tail is laterally compressed and keeled, and has a mucous gland (caudal horn) at the tip.

Biology: Lays 50 to 60 semi opaque eggs, 3.3mm long by 2.5mm wide, usually in moist, rotting logs or coarse woody debris.

Habitat: Mostly found in old growth conifer forests, or forests with old growth characteristics, especially with coarse woody debris.

- **Elevations:** 0-1060m on Van. Island

Occurrence

- South Island Forest District, up to Kennedy Lake and Port Alberni.
- not yet been located on Sunshine Coast; further surveys are required.

Action Required: Notify BCTS, document location of breeding area



Dromedary Jumping Slug

Threaded Vertigo, *Nearctula rowellii*

BC Red List, COSEWIC: Special Concern

Description

- Minute snail with a grey body, lighter on the sides and base.
- Shell averages 2.7mm long, and is dull dark brown and coarse in appearance.
- Lip of shell opening flares outward, has four white dentures inside.

Habitat

- deciduous and mixed forests, especially riparian areas.
- In CDF and CWH, below 200m elevation in stands with mature bigleaf maple

Occurrence: SI, SC, CR Forest Districts:

Action Required: Notify BCTS and document location of breeding area.

Warty Jumping Slug



Warty Jumping Slug, *Hemphillia glandulosa*

BC Blue List, COSEWIC: Special Concern

Description:

- Body is whitish or grey with darker markings and paler sides. Tentacles and head are blue-tinted and dark in colour
- Numerous bumpy projections (papillae) cover mantle
- Dorsal hump on mantle, body depressed behind hump

Horn-like fleshy protuberance at end of tail

- Found in moist old growth and young forests, need coarse woody debris and logs.

- **Elevations:** 0-1060m on Vancouver Island

Biology: • lays 1-6 translucent tear shaped eggs in small clusters. Eggs 3mmx 2mm

Habitat:

- Found in moist old growth and young forests, need coarse woody debris and logs
- Elevation—0-1060m on Vancouver Island

Occurrence:

- Have been found on southern Vancouver Island up to Nanaimo River.
- No records in Mainland BC.

Action Required:

- Notify BCTS and document location of breeding area.



