

# 1. PaDIL Species Factsheet



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## Scientific Name:

*Bauerago vuyckii* (Oudem. & Beij.) Vánky

Basidiomycota, Microbotryomycetes, Microbotryales, Ustilentylomataceae

## Common Name

Luzula Smut

Live link: <http://www.padil.gov.au/aus-smuts/Pest/Main/139905>

## Image Library

Smut Fungi of Australia

Live link: <http://www.padil.gov.au/aus-smuts/>

## Partners for Smut Fungi of Australia image library



**Queensland** Queensland Government  
Government <https://www.daf.qld.gov.au/>

## 2. Species Information

### 2.1. Details

**Specimen Contact:** Roger Shivas - roger.shivas@deedi.qld.gov.au

**Author:** Roger Shivas

**Citation:** Roger Shivas (2010) *Luzula Smut (Bauerago vuyckii)* Updated on 2/24/2012 Available online: PaDIL - <http://www.padil.gov.au>

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### 2.2. URL

Live link: <http://www.padil.gov.au/aus-smuts/Pest/Main/139905>

### 2.3. Facets

**Columella:** absent

**Distribution:** VIC

**Peridium:** absent

**Sorus position:** inflorescence

**Sorus shape:** globose to short cylindrical, irregular (includes naked sori)

**Spore balls:** absent

**Spore mass texture:** powdery

**Spore shape:** globose or subglobose, ovoid to ellipsoidal

**Spore surface ornamentation:** reticulate

**Status:** Native Australian Species

**Sterile cells:** absent

**Host Family:** Cyperaceae

### 2.4. Other Names

*Cintractia vuyckii* (Oudem. & Beij.) Cif.

*Ustilago vuyckii* Oudem. & Beij.

### 2.5. Diagnostic Notes

**\*\*Sori\*\*** in ovaries filling the capsules with an dusty ochraceous yellow spore mass. Infection systemic; infected plants may be slightly deformed.

**\*\*Spores\*\*** globose to ellipsoidal, 16–21 × 13–20 μm, pale yellow to pale yellowish brown; wall 2.0–3.5 μm thick, deeply reticulate, 5–8 meshes per spore diameter; meshes 2–3 μm wide; muri 1.5–2.5 (–3) μm high, acute or subacute in optical median view.

**\*\*Anamorph\*\*** reported in the anthers.

### 3. Diagnostic Images



*Bauerago vuyckii* on *Luzula novae-cambriae*  
- MEL 1516444. Scale bar = 5 mm.  
Host symptoms: Roger Shivas DEEDI



*Bauerago vuyckii* on *Luzula novae-cambriae*  
- MEL 1516444. Scale bar = 10  $\mu$ m.  
Light micrograph: Roger Shivas DEEDI

### Results Generated:

Sunday, May 9, 2021

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