

Healthy (previously Category 0)

Evasterias troschelii (mottled star) can look quite “unhealthy” at low tide. The water often drains out of part or all of the animal, leaving it looking “deflated”. The stars’ mottled appearance also makes detection of lesions more difficult, so check carefully when assessing potential disease in this species.



Photos: Jeff Harris



Guide to Wasting Symptoms in *Evasterias troschelii* **Mild (previously Category 1)**

lesion(s) on 1 arm or body

Tissue degradation restricted to a single arm, or the oral disk.



Lesion in 1 arm

Photo: Jeff Harris



Lesions on oral disk

“Deflated” appearance cannot be attributed to disease. Healthy animals often look “deflated” at low tide due to water loss.

Guide to Wasting Symptoms in *Evasterias troschelii*
Mild (previously Category 2)

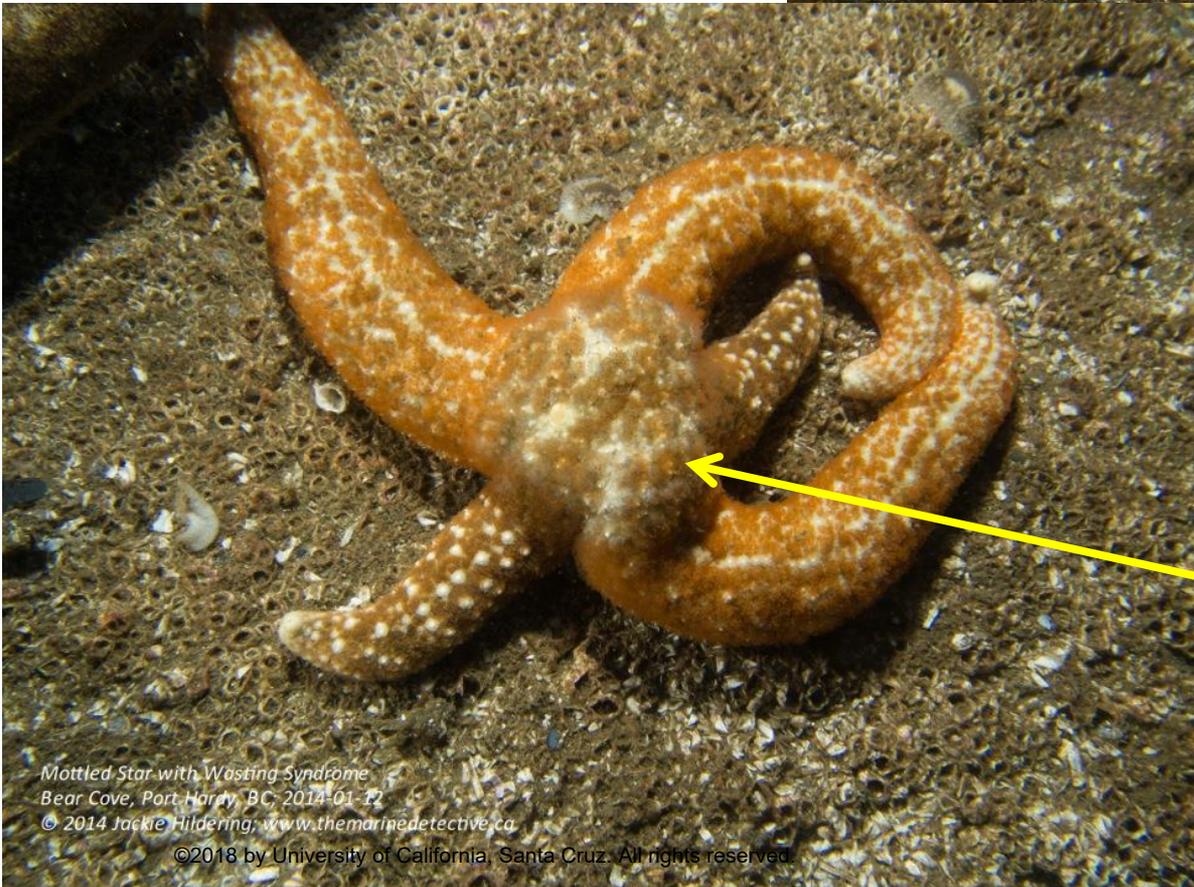
lesions on 2 arms or 1 arm and
body, deteriorating arm(s)

Photos: Jackie Hildering;
www.themarinedetective.ca



Tissue deteriorating on 2 arms

Tissue deteriorating on oral
disk and possibly also arms?
Difficult to tell for sure in this
photo.



Mottled Star with Wasting Syndrome
Bear Cove, Port Hardy, BC, 2014-01-12
© 2014 Jackie Hildering, www.themarinedetective.ca

Guide to Wasting Symptoms in *Evasterias troschelii*
Severe (previously Category 3)

lesions on most of body, 1-2 missing arms



Missing 2 arms

Healthy
(hard to tell
from photo)

Lesions on
most of body



Missing 1 arm

Photo: Jeff Harris

Page 4 of 5



Guide to Wasting Symptoms in *Evasterias troschelii*
Severe (previously Category 4)

**severe tissue deterioration/death,
≥3 missing arms**

Lesions/tissue deterioration
throughout body;
borderline cat 3/4



Photos: Jeff Harris



Severe tissue
deterioration,
arms beginning
to separate

