



Nov 07, 2021

# Starlet Sea Anemone (*Nematostella vectensis*) 2021 Environmental Summary, Reptile & Aquatics, Stowers Institute for Medical Research

Shane C. Miller<sup>1</sup>, Diana P Baumann<sup>1</sup>, M. Shane Merryman<sup>1</sup><sup>1</sup>Stowers Institute for Medical Research

1

[dx.doi.org/10.17504/protocols.io.bzvap62e](https://dx.doi.org/10.17504/protocols.io.bzvap62e)

Diana Baumann  
Stowers Institute for Medical Research

## DISCLAIMER – FOR INFORMATIONAL PURPOSES ONLY; USE AT YOUR OWN RISK

The protocol content here is for informational purposes only and does not constitute legal, medical, clinical, or safety advice, or otherwise; content added to [protocols.io](https://protocols.io) is not peer reviewed and may not have undergone a formal approval of any kind. Information presented in this protocol should not substitute for independent professional judgment, advice, diagnosis, or treatment. Any action you take or refrain from taking using or relying upon the information presented here is strictly at your own risk. You agree that neither the Company nor any of the authors, contributors, administrators, or anyone else associated with [protocols.io](https://protocols.io), can be held responsible for your use of the information contained in or linked to this protocol or any of our Sites/Apps and Services.

The starlet sea anemone (*Nematostella vectensis*) is an emerging model organism, and we have maintained a colony at the Stowers Institute since 2007. *Nematostella* are known as a simple sea anemone, related to other cnidarians such as jellyfish and corals. Native to estuarine environments across the Atlantic coast of North America, from Nova Scotia to Florida, they encounter a variety of environmental conditions (e.g., temperature, salinity). Acknowledging that husbandry conditions and environmental parameters can impact research results we provide information about the housing, nutrition, maintenance, and health for our colony of *Nematostella*. This information will be applicable to any *Nematostella* housed in the facility in 2021.

2021 SIMR  
[Nematostella.pdf](#)

DOI

[dx.doi.org/10.17504/protocols.io.bzvap62e](https://dx.doi.org/10.17504/protocols.io.bzvap62e)

Shane C. Miller, Diana P Baumann, M. Shane Merryman 2021. Starlet Sea Anemone (*Nematostella vectensis*) 2021 Environmental Summary, Reptile & Aquatics, Stowers Institute for Medical Research. **protocols.io**  
<https://dx.doi.org/10.17504/protocols.io.bzvap62e>



Starlet Sea Anemone, *Nematostella vectensis*, husbandry, environmental conditions

document ,

Nov 07, 2021

Nov 07, 2021

54914

#### DISCLAIMER:

##### DISCLAIMER – FOR INFORMATIONAL PURPOSES ONLY; USE AT YOUR OWN RISK

The protocol content here is for informational purposes only and does not constitute legal, medical, clinical, or safety advice, or otherwise; content added to [protocols.io](https://dx.doi.org/10.17504/protocols.io.bzvap62e) is not peer reviewed and may not have undergone a formal approval of any kind. Information presented in this protocol should not substitute for independent professional judgment, advice, diagnosis, or treatment. Any action you take or refrain from taking using or relying upon the information presented here is strictly at your own risk. You agree that neither the Company nor any of the authors, contributors, administrators, or anyone else associated with [protocols.io](https://dx.doi.org/10.17504/protocols.io.bzvap62e), can be held responsible for your use of the information contained in or linked to this protocol or any of our Sites/Apps and Services.

The starlet sea anemone (*Nematostella vectensis*) is an emerging model organism, and we have maintained a colony at the Stowers Institute since 2007. *Nematostella* are known as a simple sea anemone, related to other cnidarians such as jellyfish and corals. Native to estuarine environments across the Atlantic coast of North America, from Nova Scotia to Florida, they encounter a variety of environmental conditions (e.g., temperature, salinity). Acknowledging that husbandry conditions and environmental parameters can impact research results we provide information about the housing, nutrition, maintenance, and health for our colony of *Nematostella*. This information will be applicable to any *Nematostella* housed in the facility in 2021.

[2021 SIMR](#)  
[Nematostella.pdf](#)

