

Shaggy Mouse Egg Masses

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Investigative Question

How does the substrate type impact the amount of shaggy mouse nudibranch egg masses found?

Methodology

We chose to look in areas of Constellation Beach with fairly uniform substrate types.

These types were boulder, cobble, sand, and bedrock/clay shelves.

Methodology

Continued

To control our experiment, We elected to search each of these substrate areas for 12 minutes. We used our phones to time ourselves as we looked for shaggy mouse nudibranch egg masses.

After the 12 minutes was up, we would record the amount of shaggy mouse nudibranch egg masses found in the area.





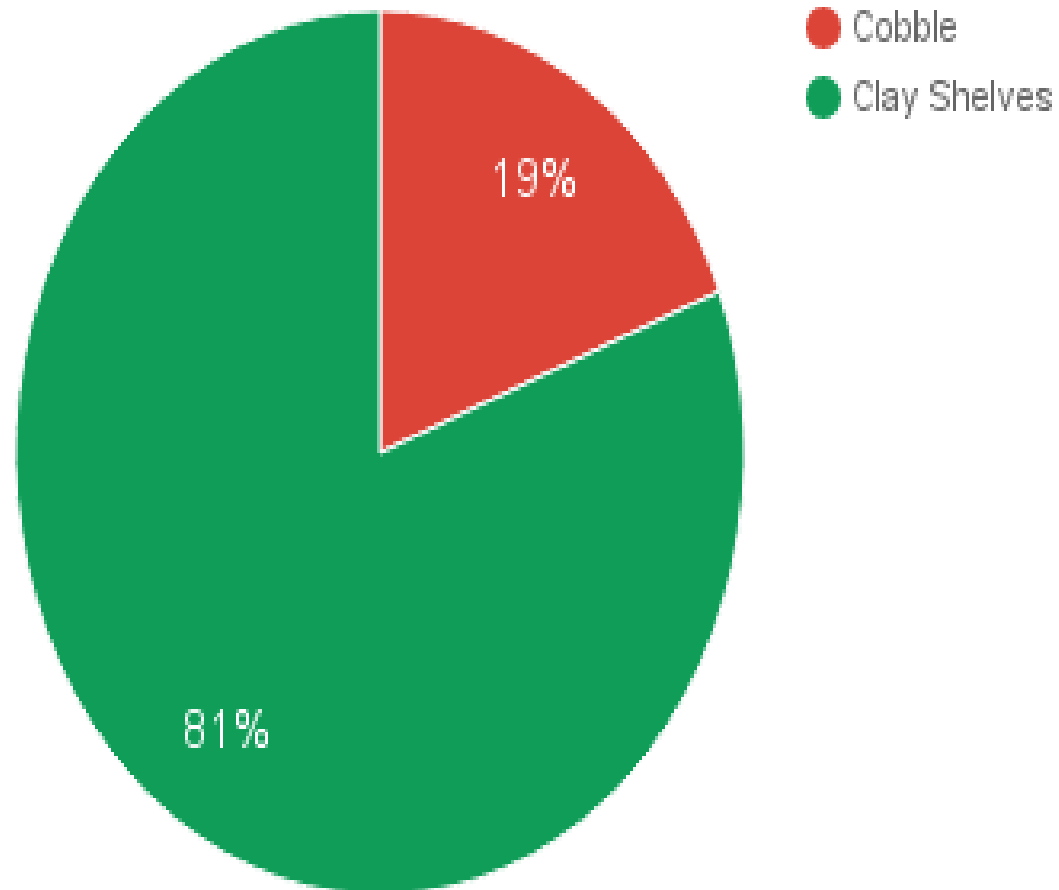
Density of Shaggy Mouse Nudibranch Egg Masses by Substrate Area

Substrate Type

**Amount of
Shaggy
Mouse
Nudibranch
Egg Masses
Found**

	Boulder	Cobble	Sand	Clay Shelf
	0	4	0	17

Density of Shaggy Mouse Egg Masses by Substrate Area



Conclusion

We found no shaggy mouse nudibranch egg masses in the boulder or sand areas. We found 4 egg masses in the cobble area, mostly on moon snail egg cases. We found a whopping 17 egg masses in the clay shelf area, but these were found on boulders in the area.

We think there may be other factors at play that determine what substrate area shaggy mouse nudibranchs lays their eggs in.