

# Science and storytelling

Caitlyn Johnstone

Chesapeake Bay Program |  
Alliance for the Chesapeake  
Bay



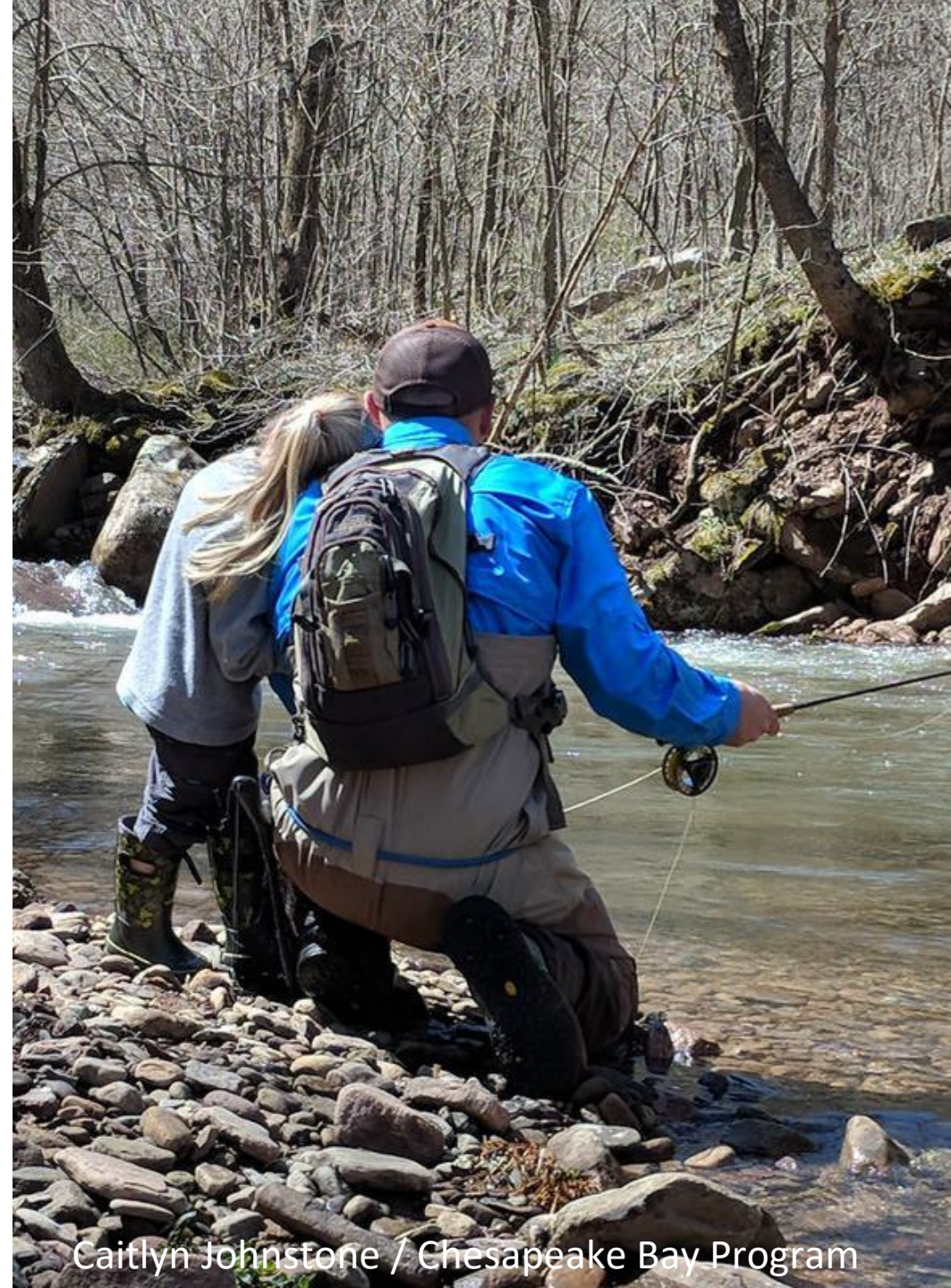
Cathy Keifer / Shutterstock

Love of story changes the world



# Connection creates story

- Stream restoration in West Virginia for brook trout
- Dad protecting a world and a pastime for the daughter he's raising



## Connection in nature

- 6,000+ caterpillars are needed to feed one clutch of chickadee babies
- 80 percent of a hummingbird diet is insects and spiders



Mike Lewinski / Flickr



Will Parson / Chesapeake Bay Program

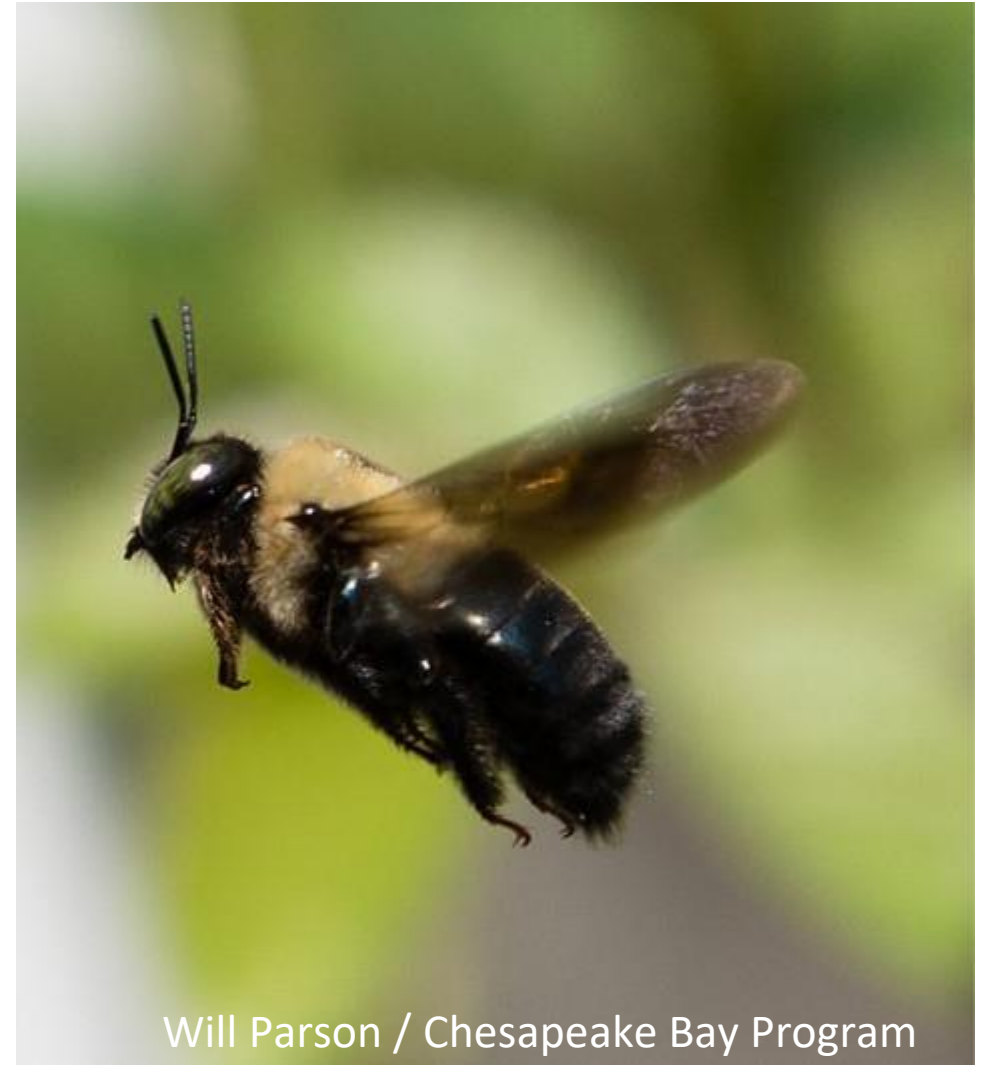
# Human silos affect how we see connection



# Hidden connections



Dbarronoss / Flickr



Will Parson / Chesapeake Bay Program



# Hidden connections

## **Nature Rx**

The science behind nature's effect on the human body

28 January 2019

# The human element

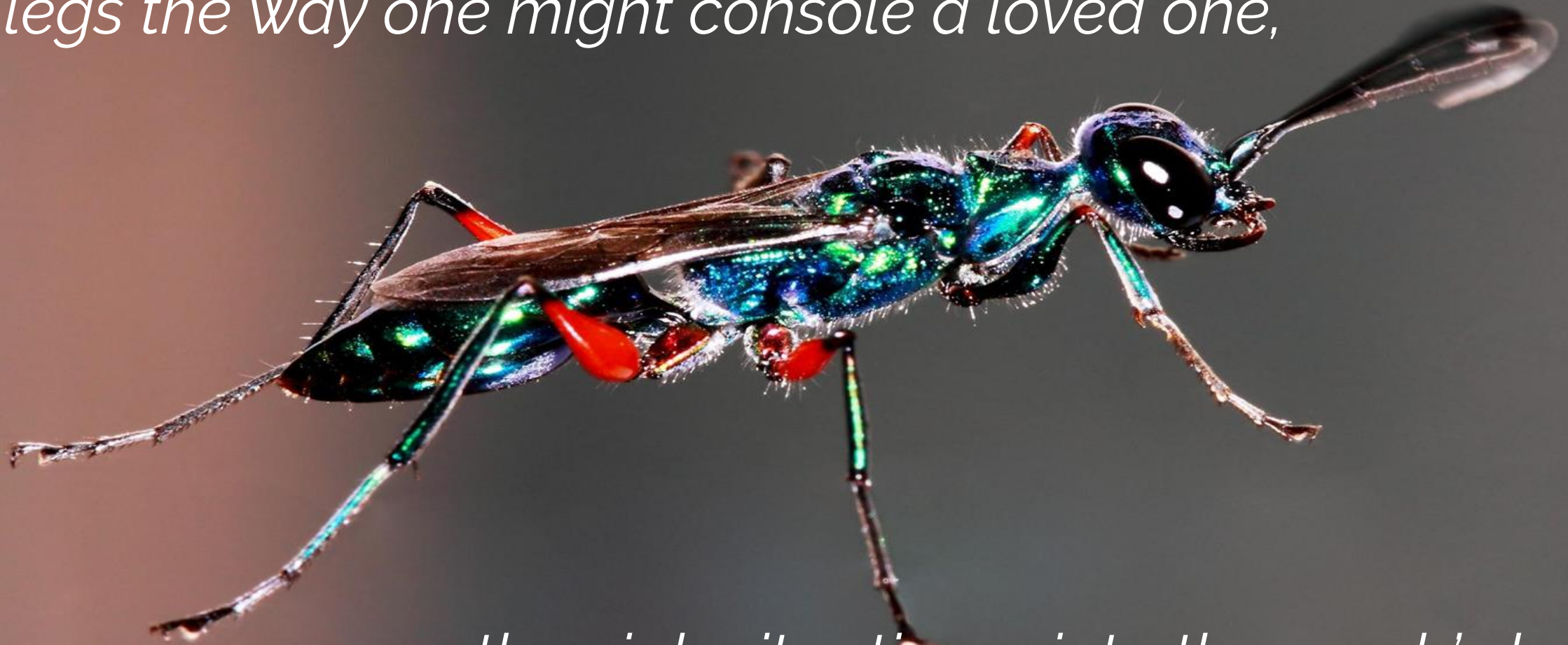




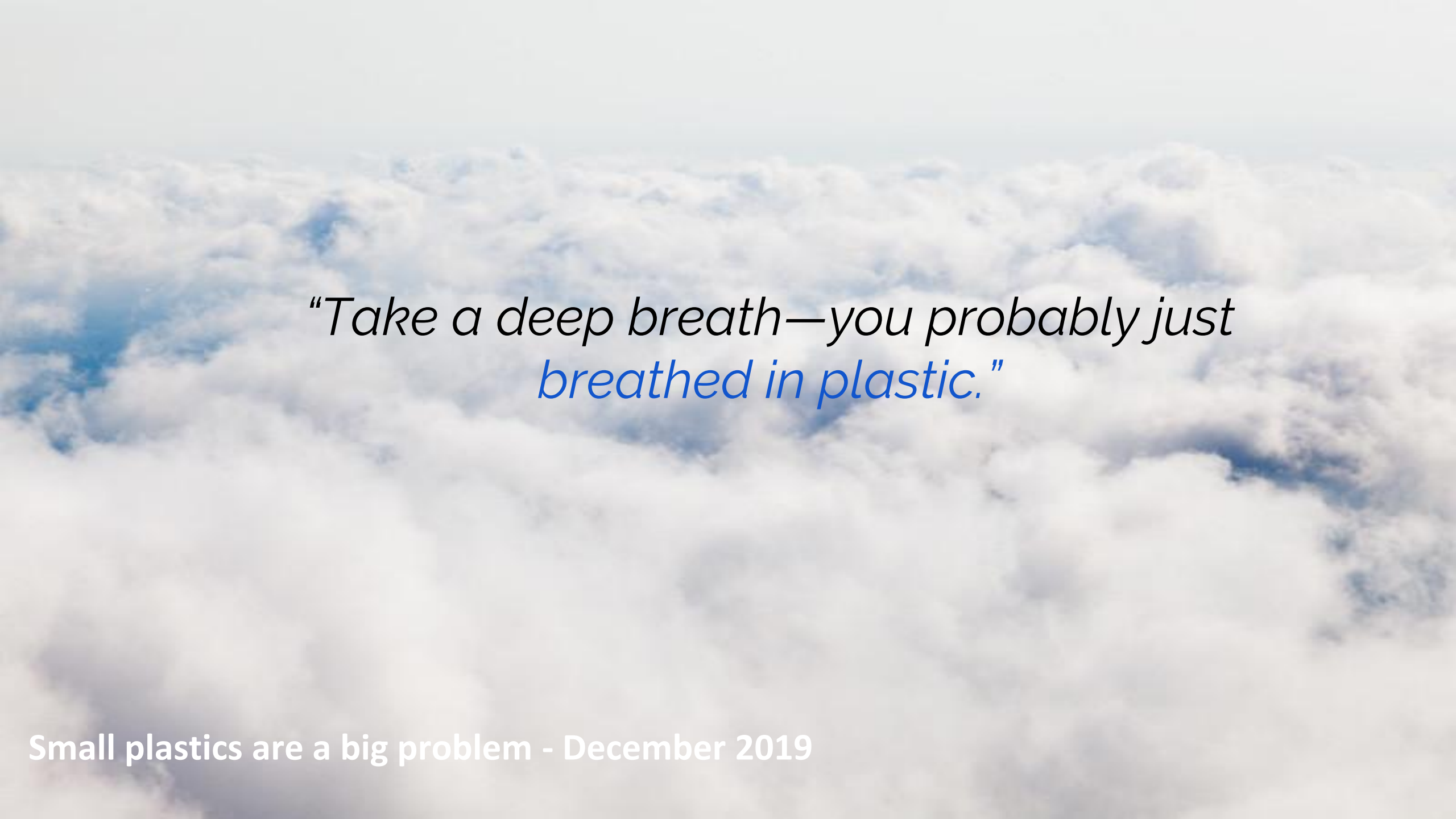
Written and visual image create story



*"The wasp holds the roach's head in both front legs the way one might console a loved one,*



*then jabs its stinger into the roach's brain."*



*“Take a deep breath—you probably just  
breathed in plastic.”*

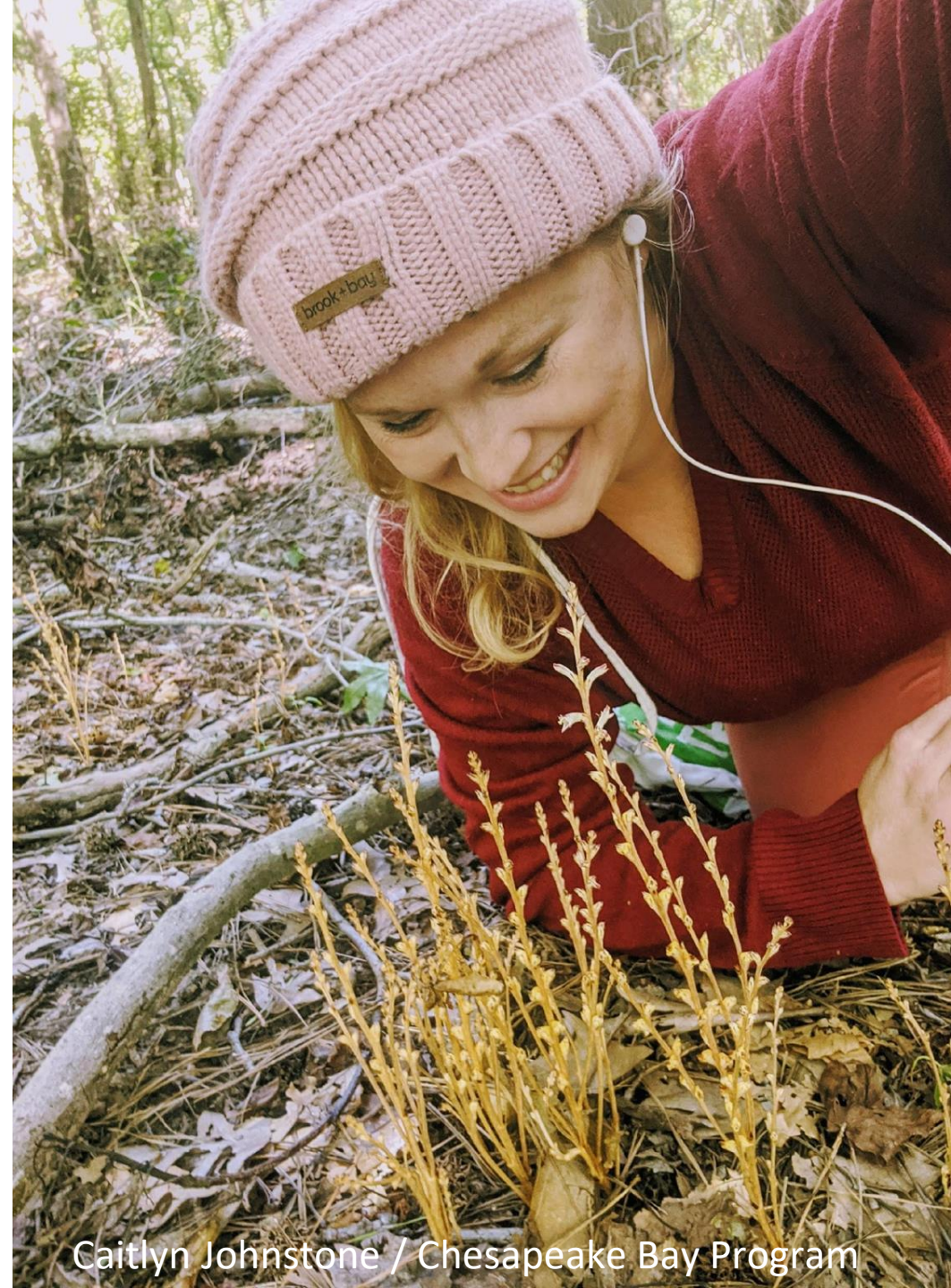
Small plastics are a big problem - December 2019

## Hot button issues are personal stories

In this area, it is not a matter of what is causing the changes—whether you want to believe it is human-caused climate change, changes that are part of the natural cycle of the earth, sea level rise, erosion alone, a sinking Chesapeake or a combination of factors—the reason is not important. Everyone on the island can see the changes.

# Holy beechdrops, Batman! Personal passion is story

- *Epifagus virginiana*
- Pads of a cat paw
- Cleistogamous structures
- *Prenolepsis imparis*
- Funny little chlorophyll-less





# Unseen danger leads to eagle deaths

How fragmenting lead bullets cause the toxic heavy metal to enter the food system

08 March 2018

Future is story





Wardensville, W.V.



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