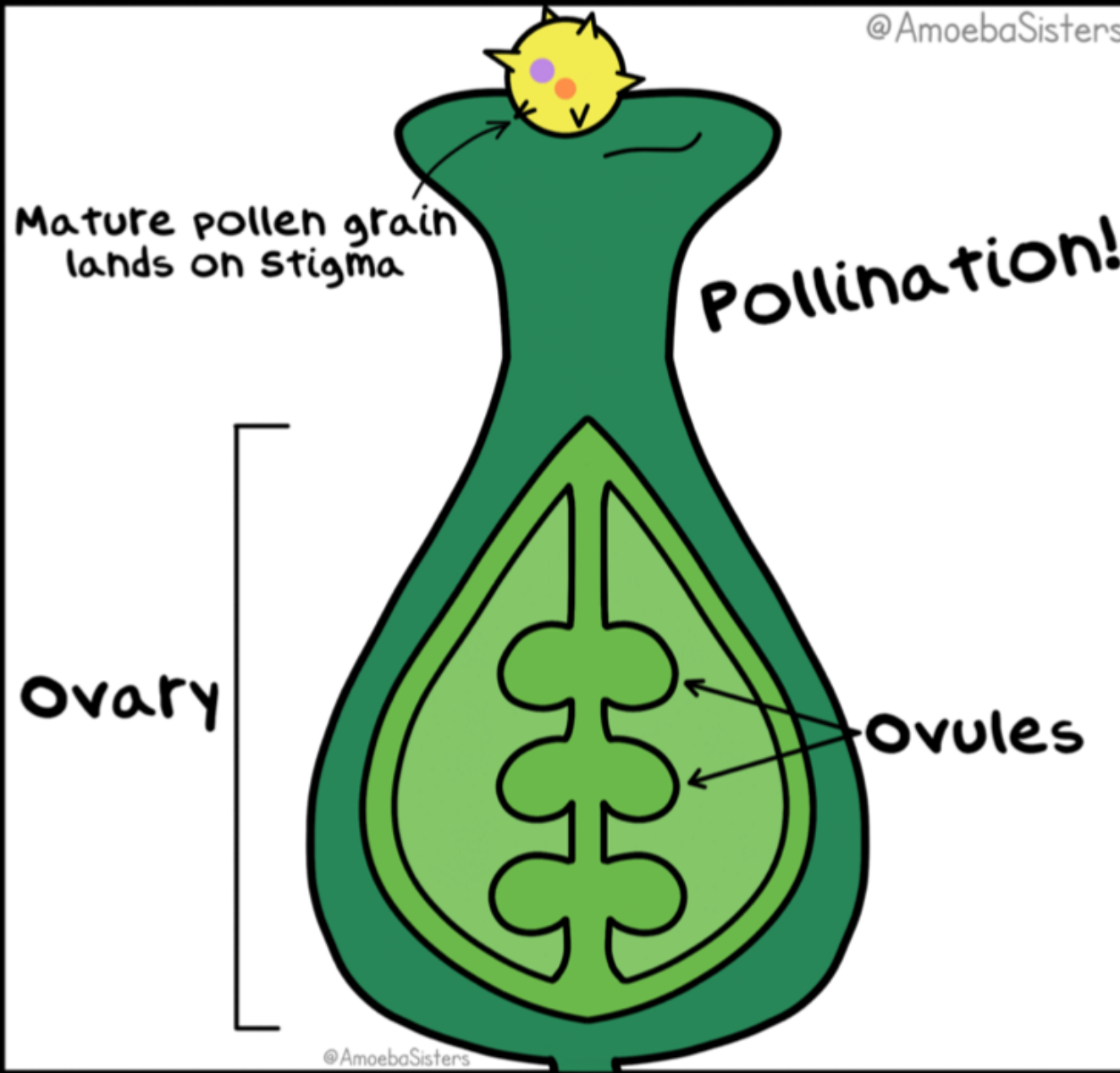


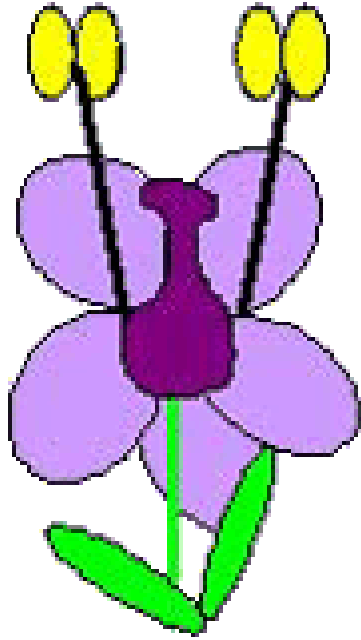


HOW DO FLOWERS
ATTRACT POLLINATORS?

FIRST OF ALL, DO YOU KNOW
WHAT POLLINATION IS?

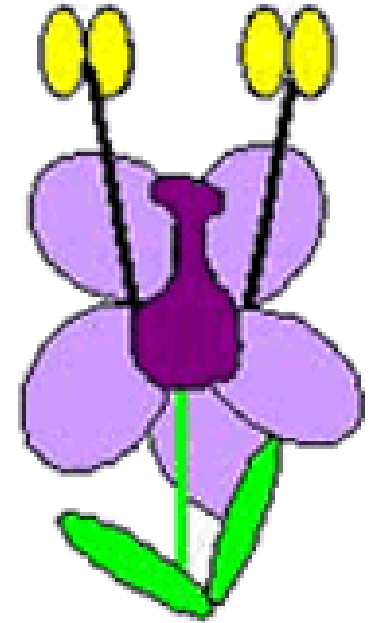
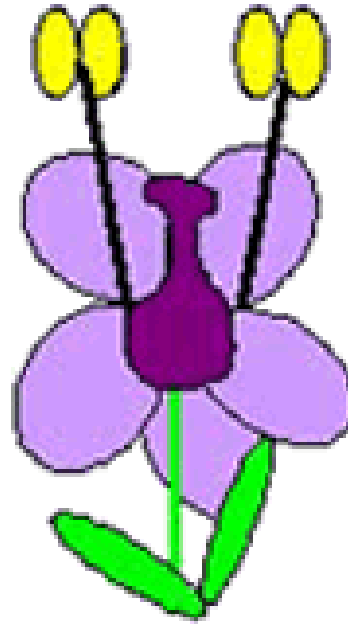






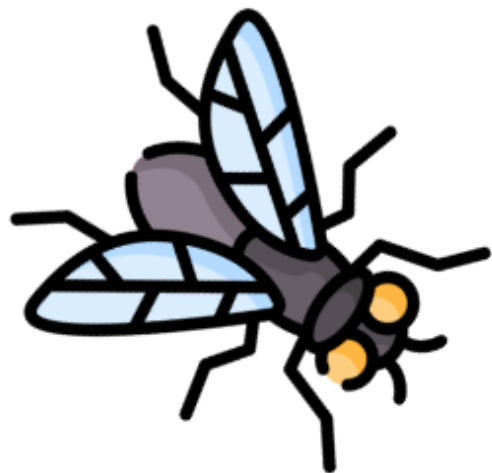
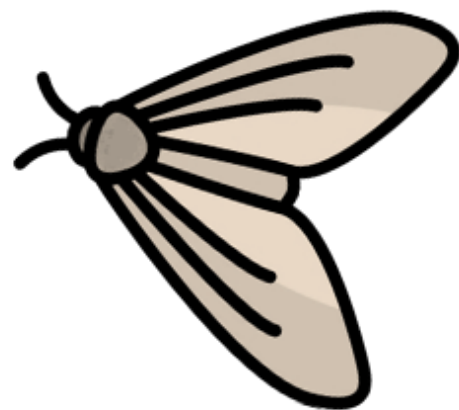
SELF-POLLINATION

CROSS-POLLINATION





NAME SOME
EXAMPLES OF
POLLINATORS



WIND



BEES AND WASPS



BEETLES



BUTTERFLIES

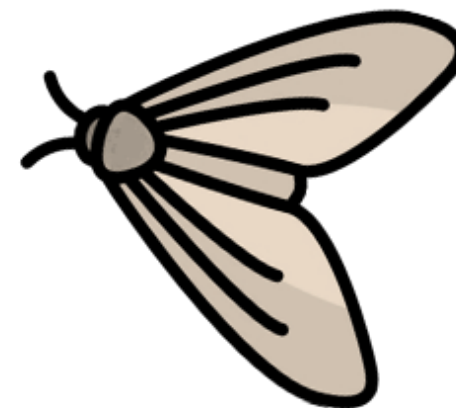
FLIES



HUMMINGBIRDS



BATS



MOTHS



FLOWERS AND THEIR POLLINATORS: A PERFECT MATCH!



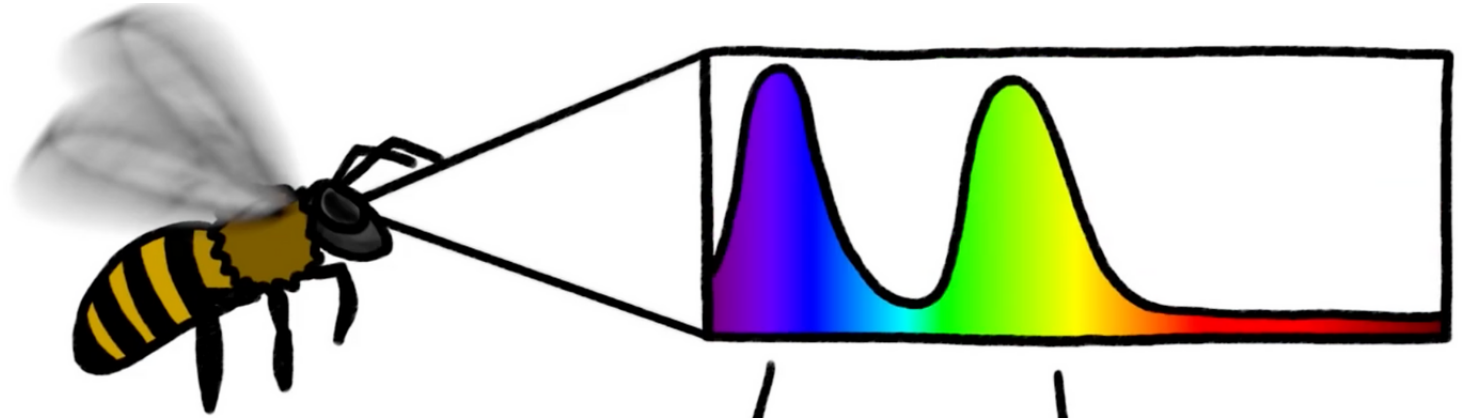
WHAT FLOWERS DO BEES PREFER?



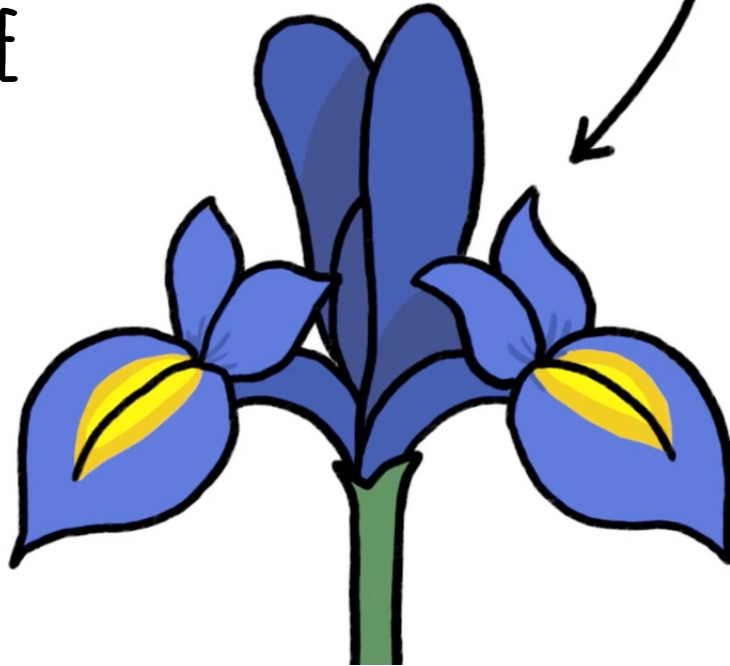


Credit: John Kimbler

BEEES' FAVORITE FLOWERS:



BLUE/ PURPLE/ YELLOW/ WHITE
LOTS OF NECTAR AND POLLEN



BEEES' FAVORITE FLOWERS: UV HINTS AND A LANDING PLATFORM

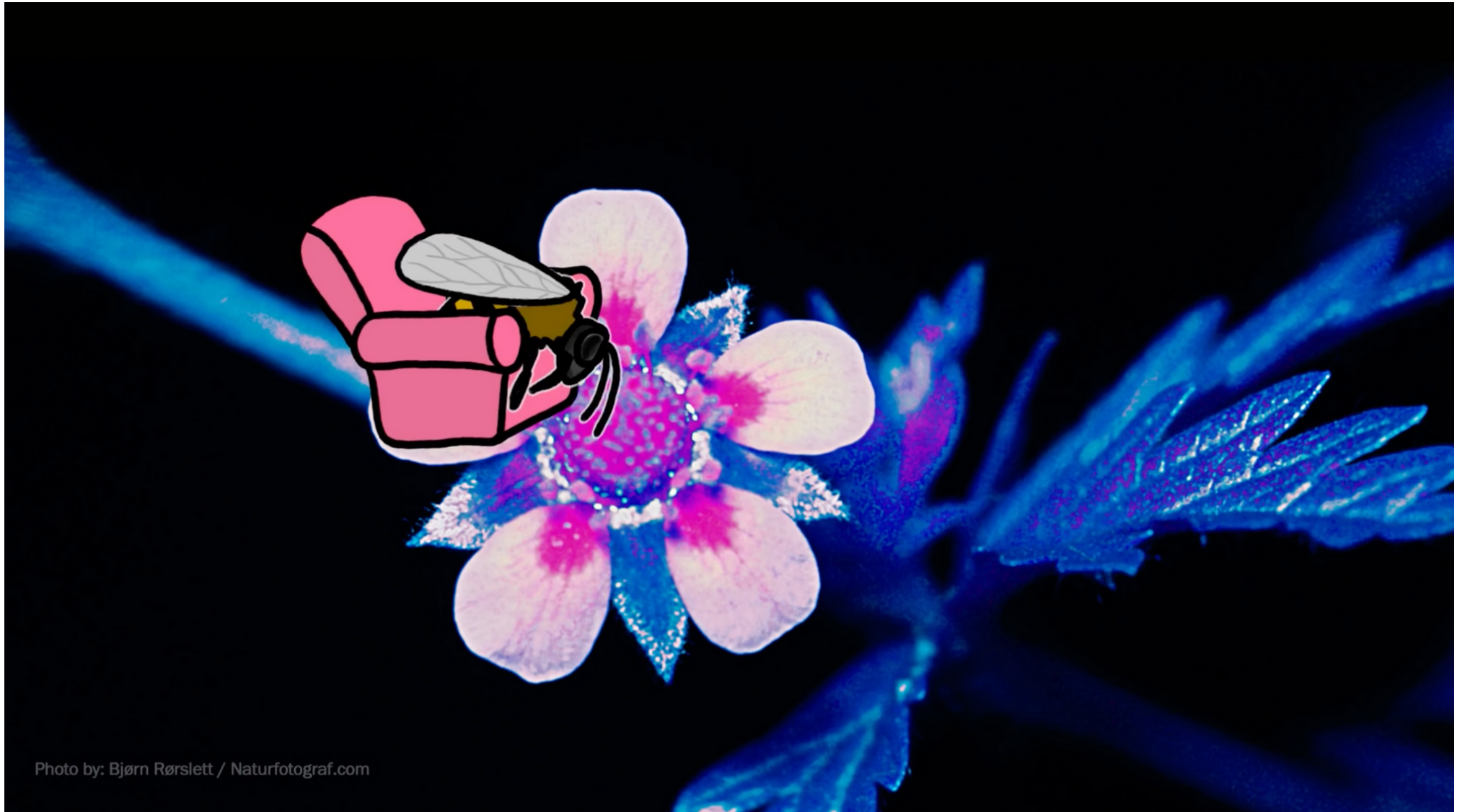


Photo by: Bjørn Rørslett / Naturfotograf.com

SOME BEES COLLECT AND PACKAGE POLLEN:



BUTTERFLIES' FAVORITE FLOWERS:

BRIGHT COLORS
INCLUDING RED

NARROW TUBES



BUTTERFLIES' FAVORITE FLOWERS:



https://www.nationalgeographic.com.es/medio/2011/06/06/polinizador13_714x476.jpg

BUTTERFLIES' FAVORITE FLOWERS:



MOTHS' FAVORITE FLOWERS:

OPEN AT NIGHT

WHITE, YELLOW OR PINK
CONTRAST WITH DARK

NARROW TUBES





Credit: ANNA SCHROLL via www.sciencenews.org

FLIES' FAVORITE FLOWERS:

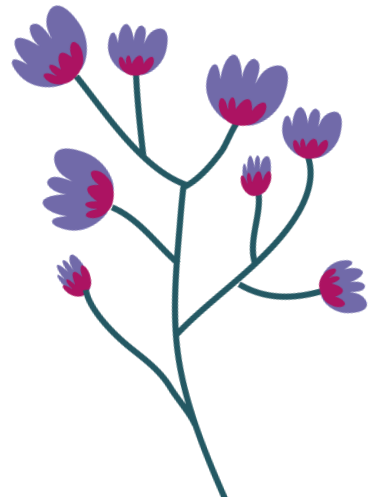


www.amateuranthecologist.com

SMALL

DULL COLOR

STRONG ODORS
LIKE DEAD FISH,
ROTTEN MEAT
OR DUNG



THIS IS A FLY:

WHAT A BEATIFUL FACE!



CREDIT: Laureen Wilson, CC BY-SA 4.0 via FLICKR

CORPSE FLOWER:

SMELLS LIKE A DEAD CAT!



Rafflesia arnoldii CREDIT: SofianRafflesia, CC BY-SA 4.0 via Wikimedia Commons

CORPSE FLOWER:

FLIES LOVE IT!

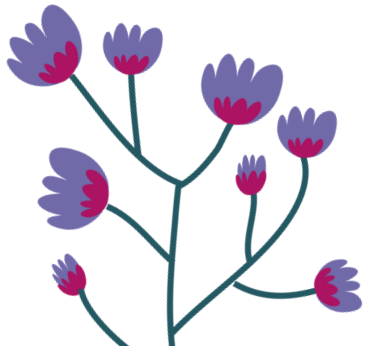


BEEETLES' FAVORITE FLOWERS:

POOR EYESIGHT:

LARGE

DULL YELLOW,
WHITE OR GREEN





John Tann from Sydney, Australia, CC BY 2.0 via Wikimedia Commons

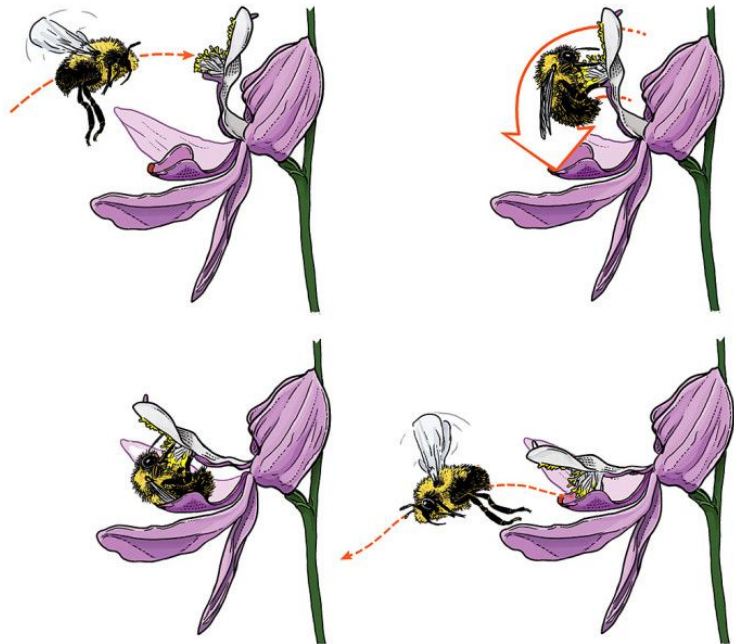
A BEETLE MOUTH:

OMG!
PRECIOUS!

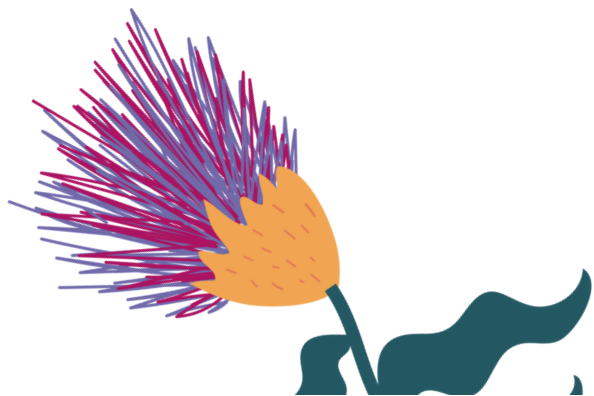


CREDIT: <https://www.istockphoto.com/ca/photo/giant-fijian-longhorn-beetle>

OTHER STRATEGIES: ORCHIDS



https://mattbernico.files.wordpress.com/2013/03/070717-orchid-wasp_big.jpg



POLLINATION BY WIND:

DULL GREEN, BROWN, OR COLORLESS
PETALS ABSENT OR REDUCED



CREDIT: Dr. Jeremy Burgess via Science Photo Library Art



QUIZ

TIME

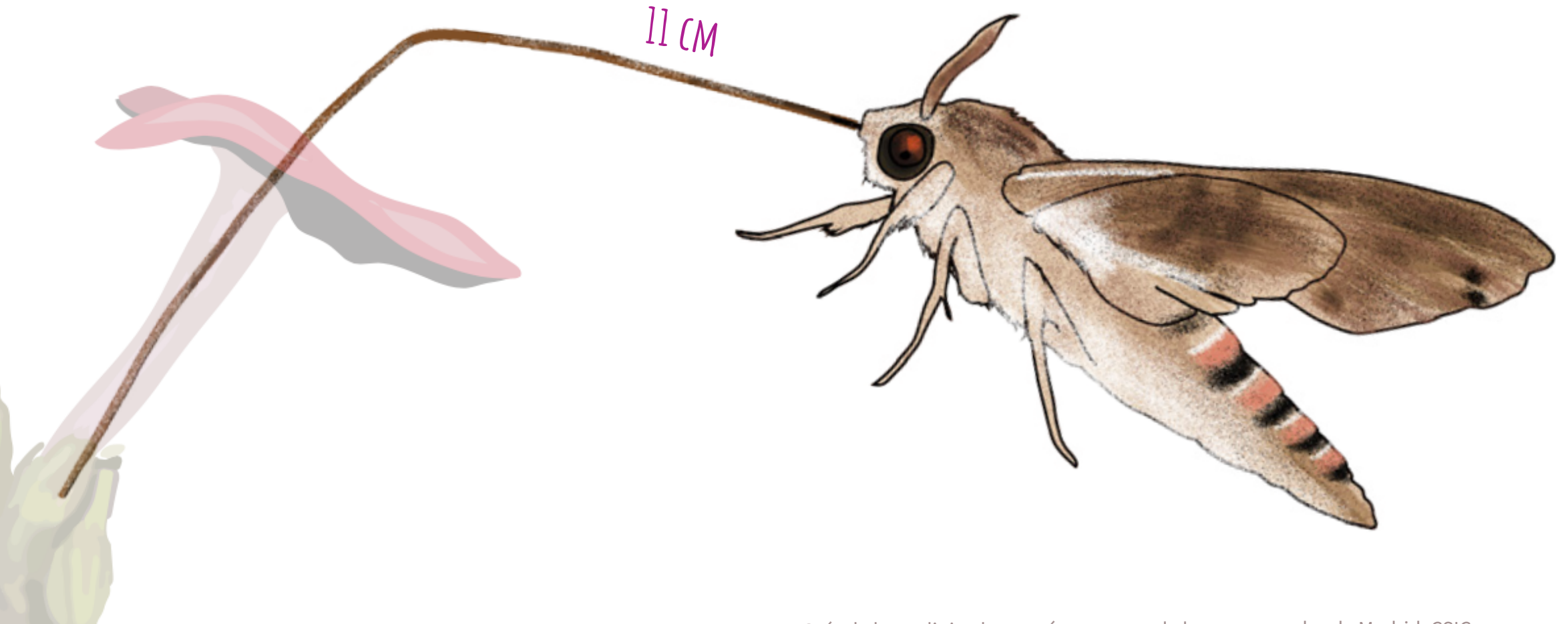
WHAT POLLINATOR WOULD BE ATTRACTED TO THIS FLOWER?



MADRESELVA: <https://alchetron.com/Lonicera-caprifolium>



A MOTH POLLINATES FLOWERS WHICH ARE OPEN AT NIGHT AND HAVE NARROW TUBES





Agrius convolvuli

WHAT POLLINATOR WOULD BE ATTRACTED TO THIS FLOWER?



REMEMBER THAT, AS A DAISY, THIS IS NOT JUST ONE FLOWER...





MANY PLANTS HAVE MULTIPLE POLLINATORS



WHAT KINDS OF POLLINATORS
WOULD BE ATTRACTED TO
YOUR FLOWER DRAWING?



THE END

