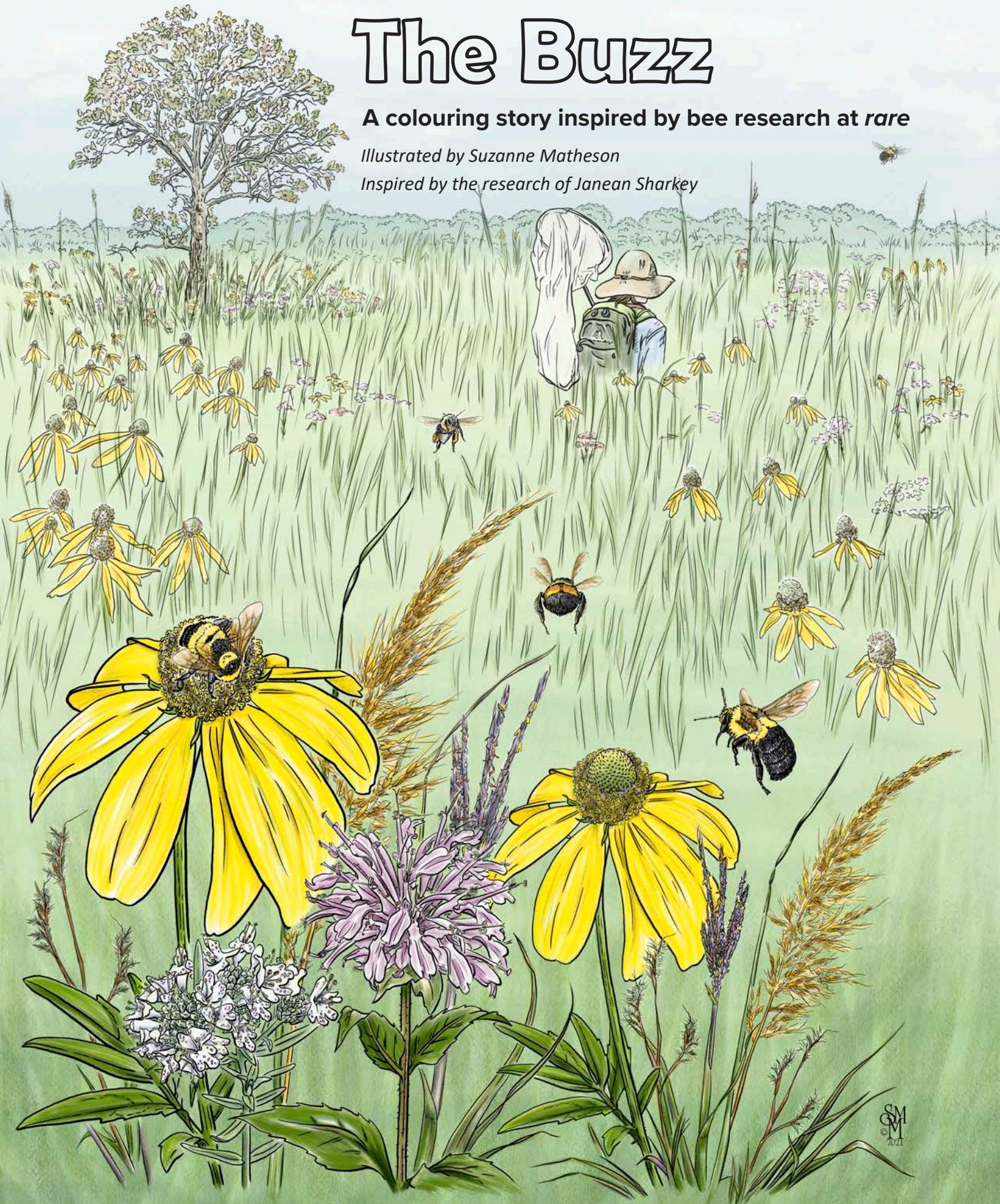


The Buzz

A colouring story inspired by bee research at *rare*

Illustrated by Suzanne Matheson

Inspired by the research of Janean Sharkey

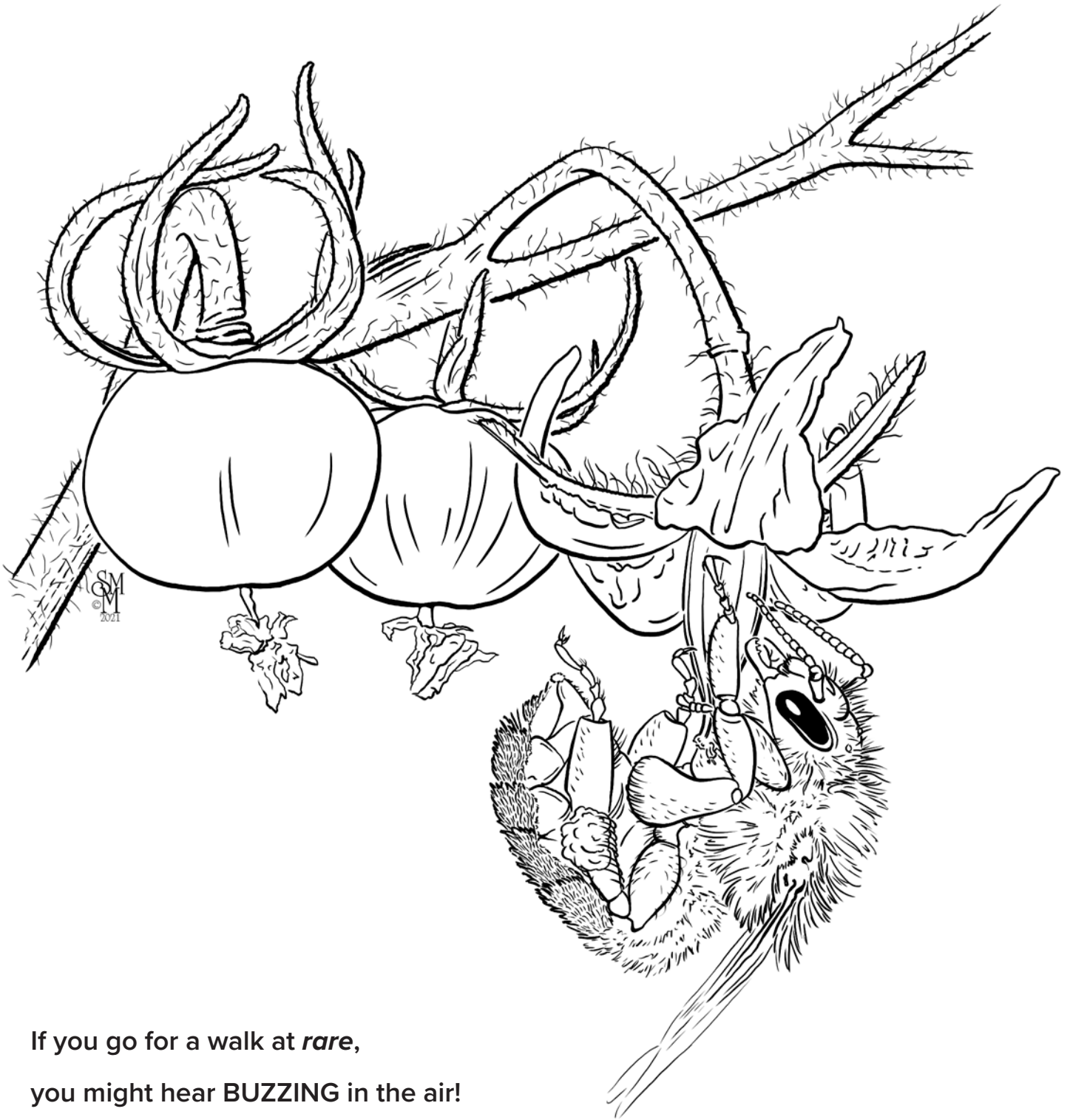


This book belongs to:

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This book includes drawings of several native species of plants, bees, and other insects. We encourage you to search online for these species and colour them based on their real-life appearance!

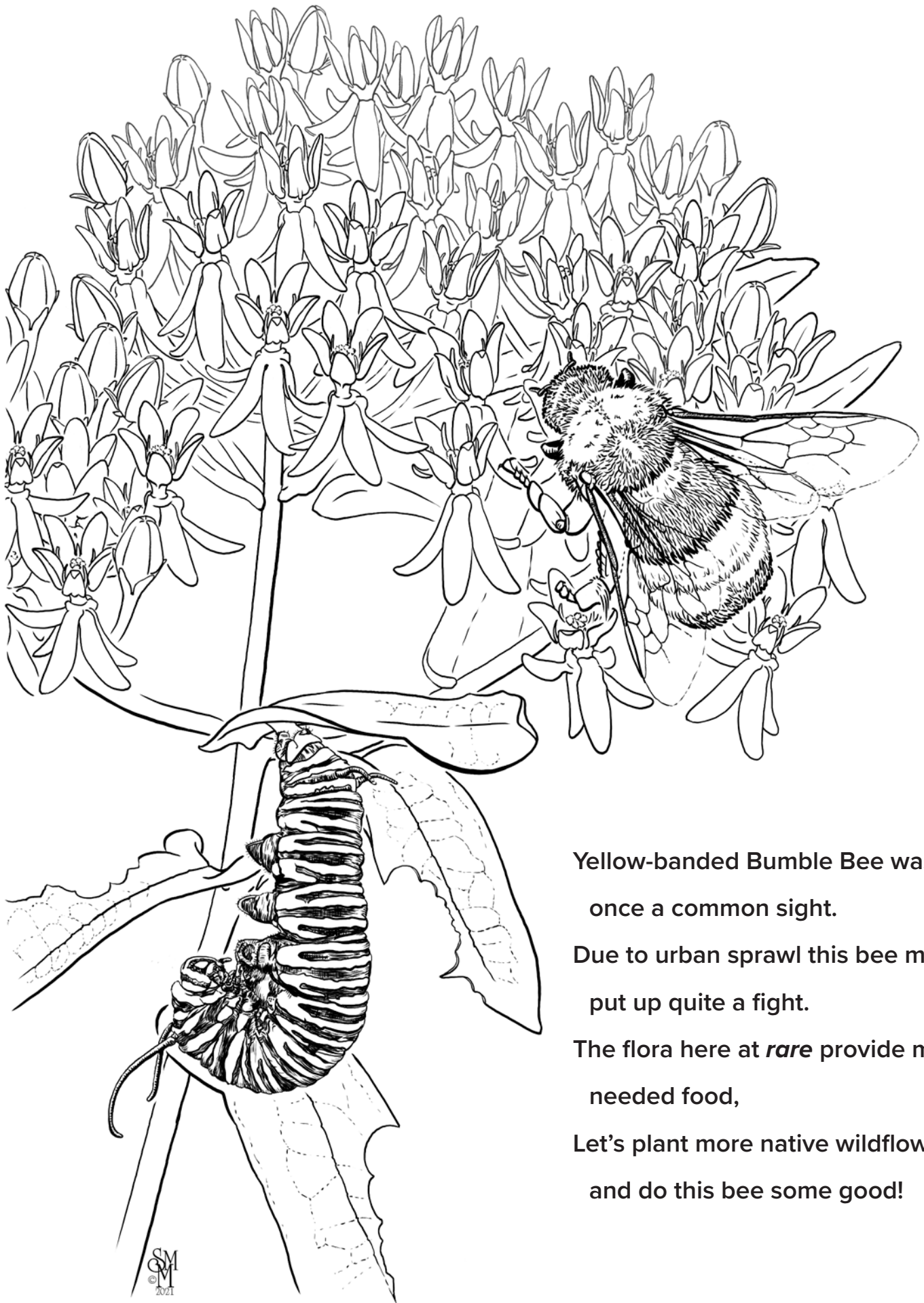
Page Number	Common Name	Scientific Name
1	Tomato Plant Common Eastern Bumble Bee	<i>Solanum lycopersicum</i> <i>Bombus impatiens</i>
2	Western Honey Bee Red Clover	<i>Apis mellifera</i> <i>Trifolium pratense</i>
3	Butterfly Milkweed Yellow-banded Bumble Bee Monarch Caterpillar	<i>Asclepias tuberosa</i> <i>Bombus terricola</i> <i>Danaus plexippus</i>
4	Beebalm Virginia Mountain Mint Grey-headed Coneflower	<i>Monarda fistulosa</i> <i>Pycnanthemum virginianum</i> <i>Ratibida pinnata</i>
5	Bur Oak Tree Red-belted Bumble Bee	<i>Quercus macrocarpa</i> <i>Bombus rufocinctus</i>



If you go for a walk at *rare*,
you might hear BUZZING in the air!
Who's this? A friend to you and me,
Common Eastern Bumble Bee!
This bumble bee's a superstar,
It pollinates fruits, near and far.

You've seen them on cereal packs,
and used products made of their wax.
Western Honey Bee lives in a colony,
full of bees that help the economy.
For many years these non-native bees
have worked to pollinate our crops.
In exchange, we offer them a comfy
nesting box!





Yellow-banded Bumble Bee was
once a common sight.

Due to urban sprawl this bee must
put up quite a fight.

The flora here at *rare* provide much
needed food,

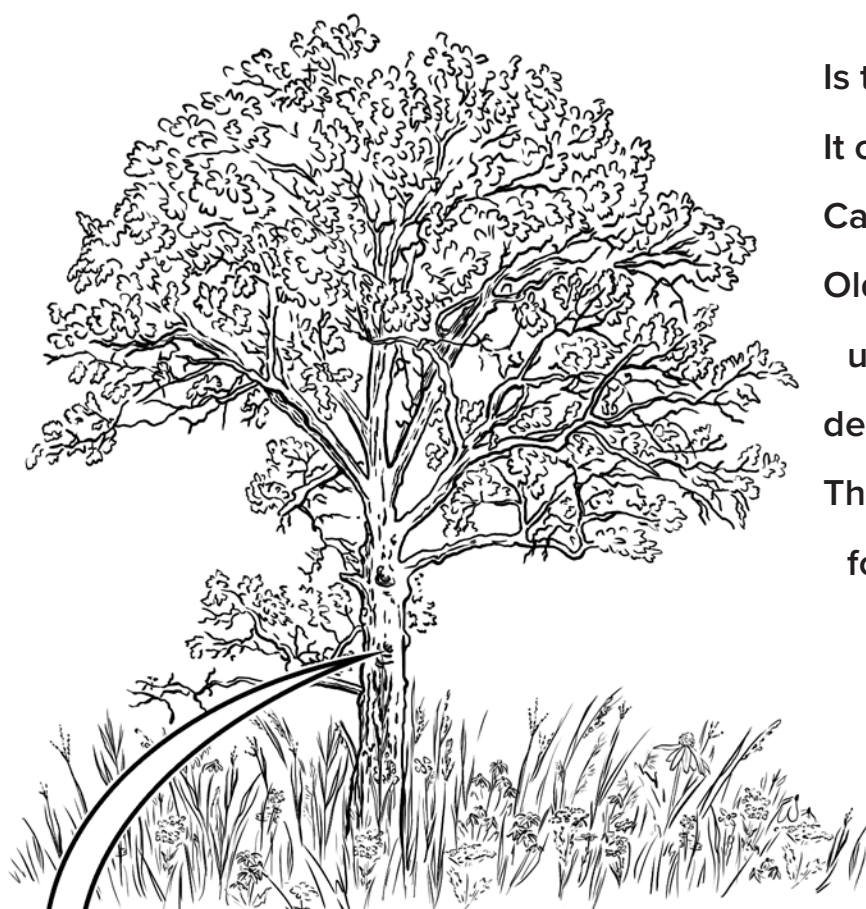
Let's plant more native wildflowers
and do this bee some good!

Just like you and me, each bee has a favourite meal.

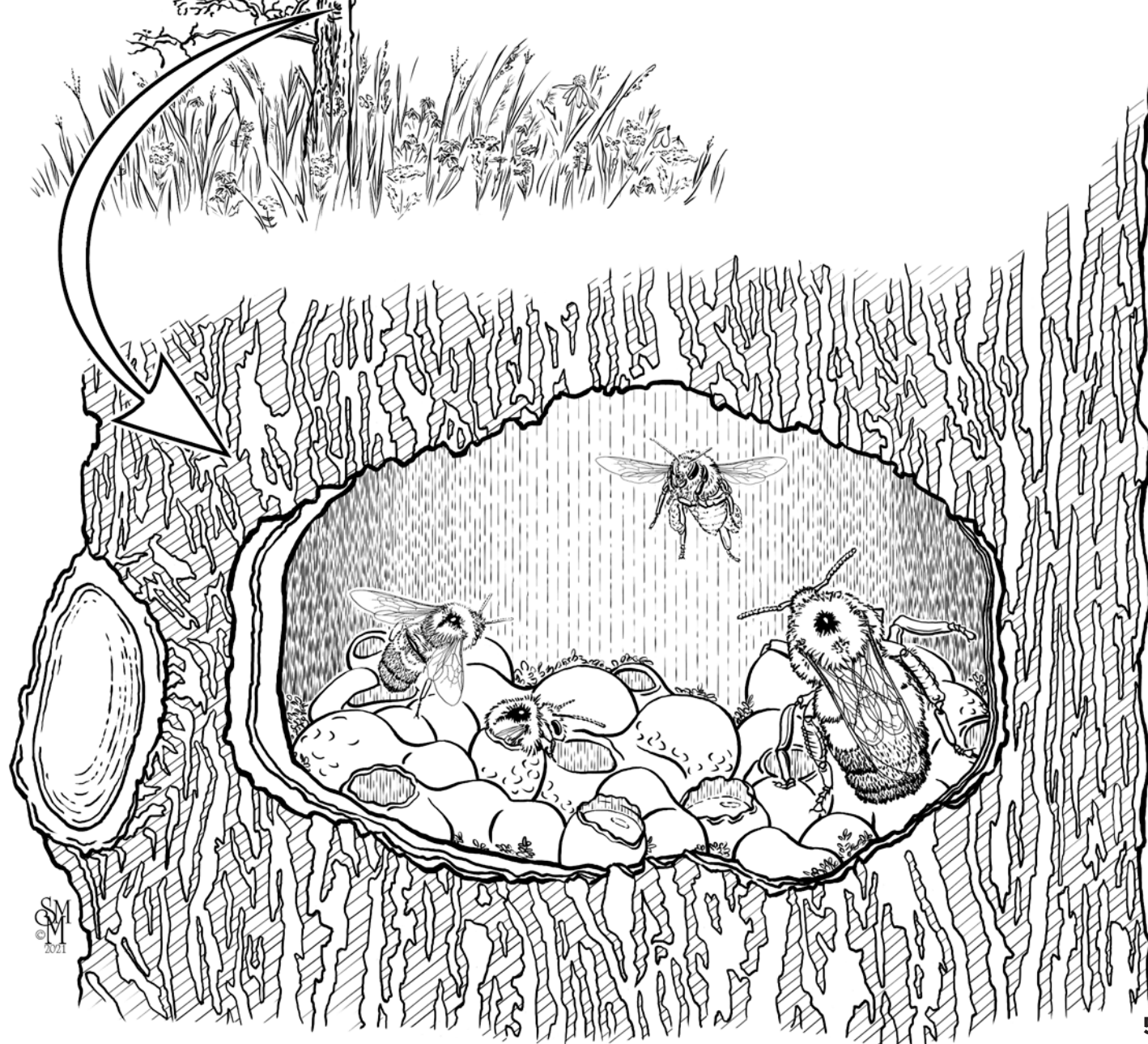
Beebalm is a special flower that has a great appeal.

Virginia mountain mint's another favourite snack,
and if a bee tastes coneflower, you know
she's coming back!





Is that a hole inside a tree?
It could be a bee nesting cavity!
Cavities are not just for teeth.
Old logs, plant stems, or
underneath —
deep down in the ground.
These are places bee nests can be
found.





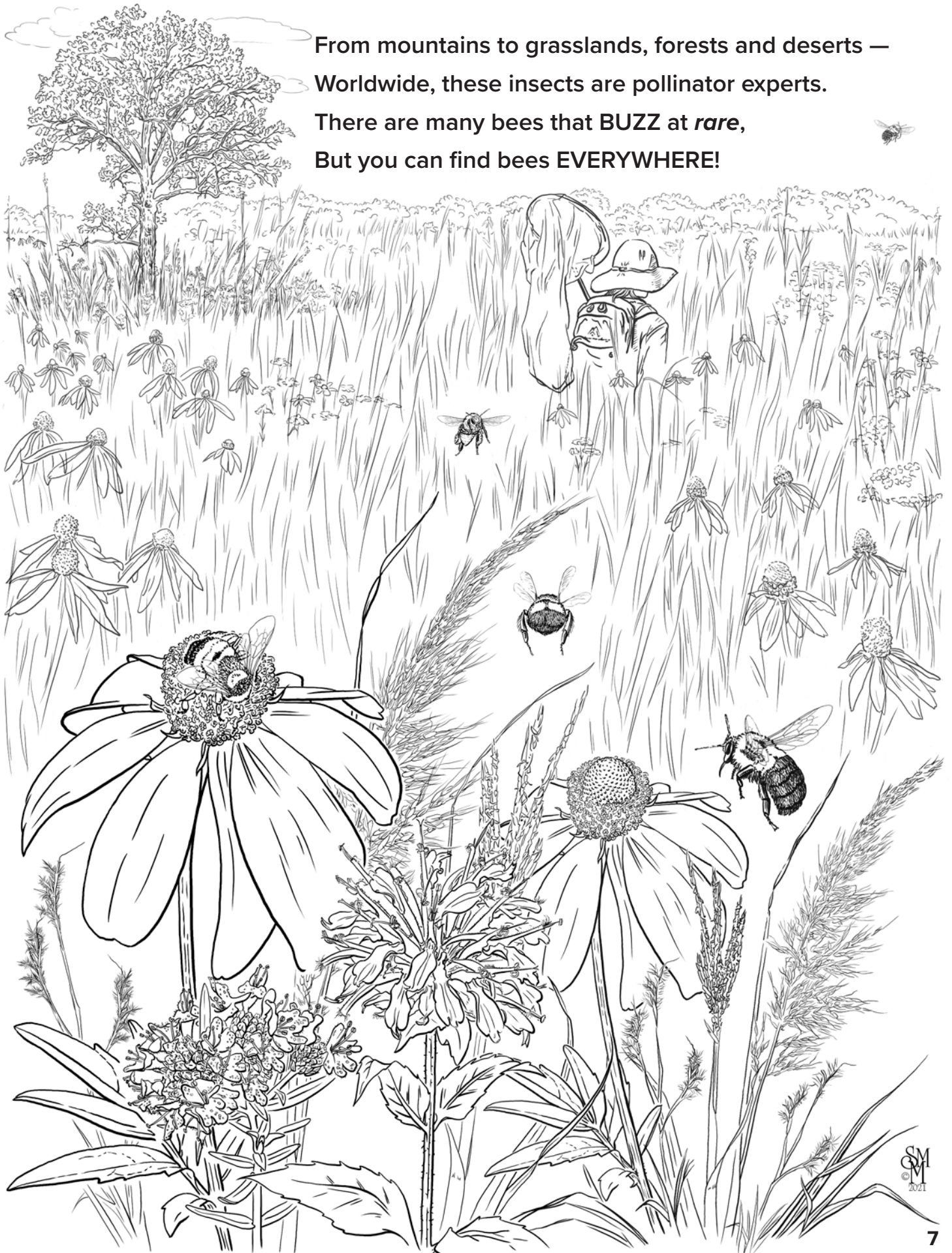
Walking around *rare*, you might see

bee scientists like Janean Sharkey!

From small to big — sweat, mason or bumble —

bees are what Janean studies without a grumble.

From mountains to grasslands, forests and deserts —
Worldwide, these insects are pollinator experts.
There are many bees that **BUZZ** at *rare*,
But you can find bees **EVERYWHERE!**



About the illustrator

Suzanne Matheson has two very strong passions — spending time with the natural world and creating stories in words and pictures. She is inspired by the stories nature tells and loves to share these stories with people like you! You will find some of what Suzanne has to share on her website at suzannemmatheson.com.

About the researcher

Janean Sharkey is a MSc graduate student at the University of Guelph's School of Environmental Sciences. Janean studies native bee ecology and conservation. She is interested in how different levels of restoration and management in tallgrass prairie and oak savanna, a rare fragmented habitat in southern Ontario, influence success for native bee species. She was the recipient of the **rare** Ages Foundation Bursary in 2018, the Ontario Graduate Scholarship in 2019 and the Entomological Society of Canada Biological Survey of Canada Scholarship in 2020. Learn more about Janean's research at 1in3mouthfuls.org.



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About rare

The **rare Charitable Research Reserve** is an urban land trust and environmental institute in Waterloo Region/Wellington, with its first four locations protecting over 1,000 acres of highly sensitive lands. Together, we steward these lands with respect for generations past, present and those yet to come, intact and in perpetuity. Learn more at raresites.org.

Thank you to Matt McGuire and Istafa Sufi for writing the rhyming text to this story.

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Land Acknowledgement

For all its properties, **rare** acknowledges and is grateful to the original stewards of the land. This land has been rich in diverse Indigenous presence since time immemorial. We would like to honour and respect the sovereignty of both First Nations in our area: the Onkwehon:we Peoples of Six Nations of the Grand River and the Anishinaabe Peoples of the Mississaugas of the Credit. Nia:wen and Miigwech (thank you) to these Nations who share their lands with us. We would also like to acknowledge the Neutral people and Indigenous Paleo-Hunters, for whom we have archeological evidence dating back 10,500 years. Today, these lands are also home to many other First Nations, Métis and Inuit people who have moved to the area from across Turtle Island.



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