

MY COMMUNITY



I Want to Be a Scientist



by Laura Driscoll
pictures by
Catalina Echeverri



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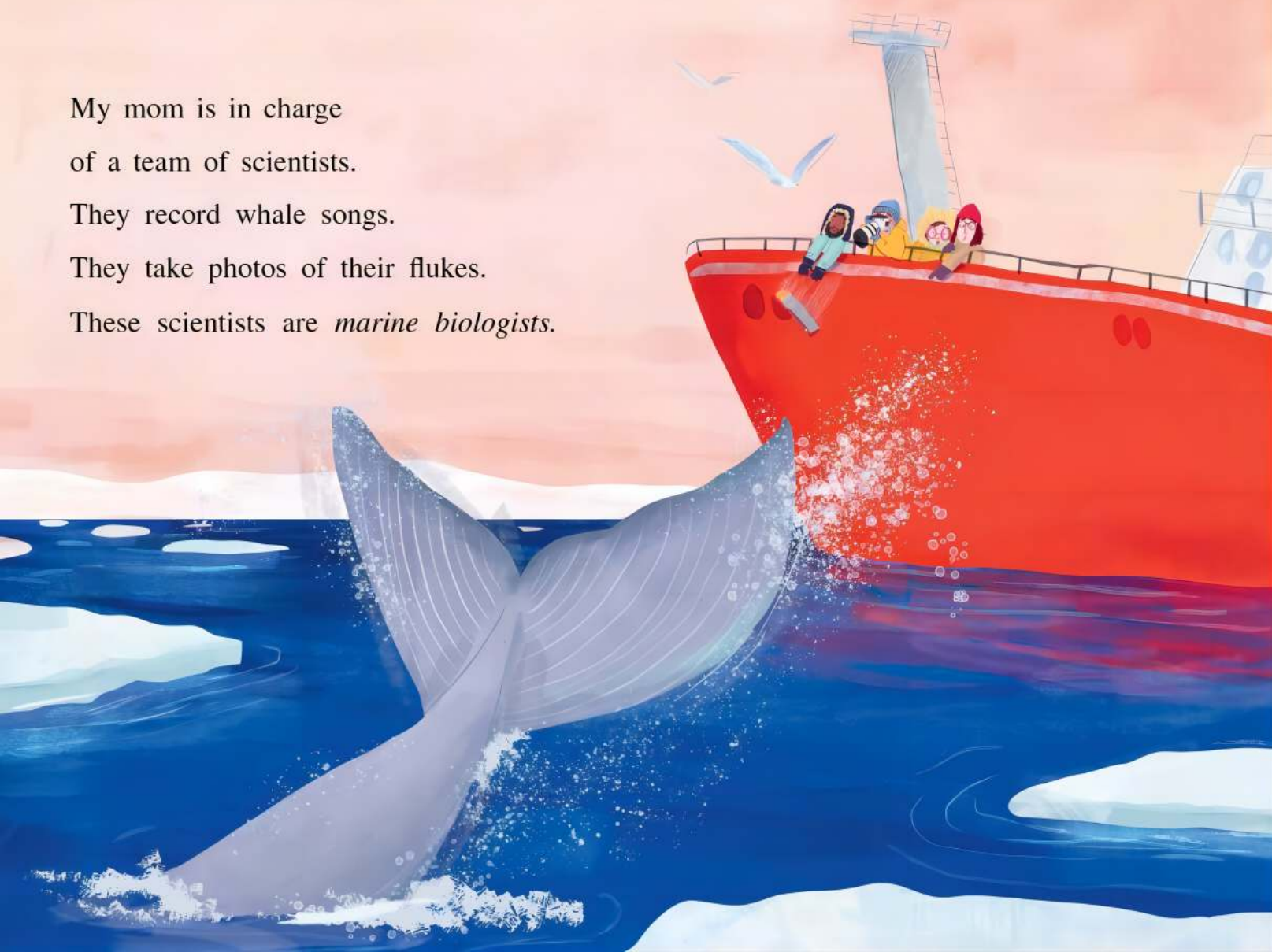
HARPER

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We set sail today on a ship
headed for the North Pole!



My mom is in charge
of a team of scientists.
They record whale songs.
They take photos of their flukes.
These scientists are *marine biologists*.





Marine biologists study animals
that live in the water.
Like all scientists,
they watch, listen, and collect facts.

They test ideas
to see if they are right.
Some scientists try to find
the cause of a problem.
Some of them try to solve problems.

All scientists want to learn more
about our world.
There are lots of scientists on our ship.

Each one has something to study
while we are at sea.
And I get to help!



Eve studies water.
She is a *hydrologist*.

“I am testing how clean
the ocean water is,” Eve says.
I help her get today’s water samples.



Back on the ship,
I bring the water to Ben.
He puts it under a microscope.

“I am counting tiny life-forms
in the water,” Ben says.
He is a *microbiologist*.



I help Rosa with
her underwater scanner.
It is on the underside of the boat.
We control it from a computer.



“I am making a map of the sea floor,”
Rosa says.

Rosa is a *geologist*.

She studies the earth and how it changes.

Up on deck,
Jim wants to know
what the seafloor is made of.



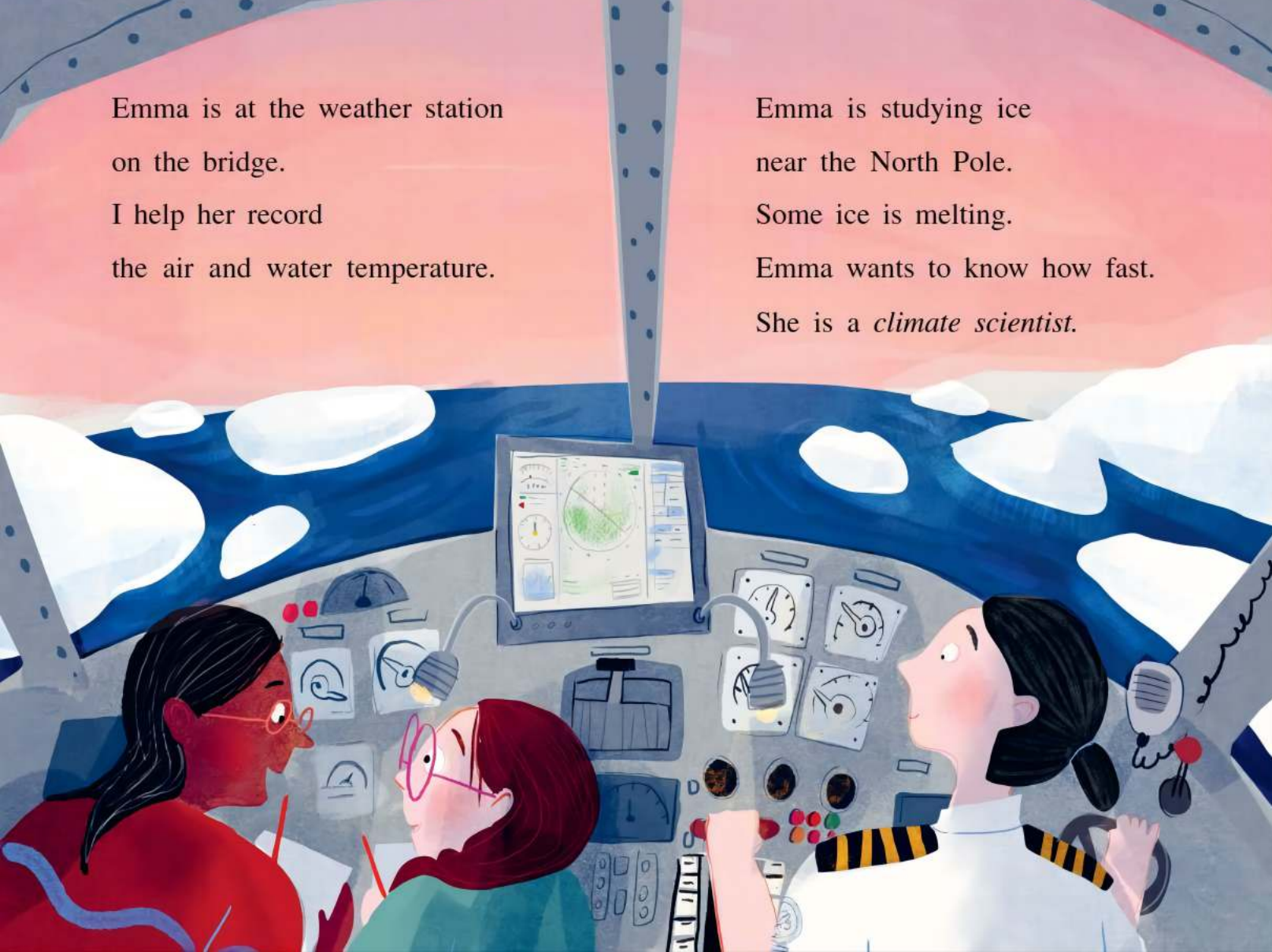
Jim studies earthquakes—
why and where they happen.
Jim is a *seismologist*.
“Many strong earthquakes
take place underwater,” Jim says.

Emma is at the weather station
on the bridge.

I help her record
the air and water temperature.

Emma is studying ice
near the North Pole.

Some ice is melting.
Emma wants to know how fast.
She is a *climate scientist*.



We go with Ty and Lena onto the ice.

Ty studies the weather.

He is a *meteorologist*.



Lena studies polar bears.

She is a *zoologist*.



Nat has come along to look into space.

The sky at sea is so clear.

He lets us look through his telescope.

He is filming a meteor shower!

Nat is an *astronomer*.



There is so much to find out
about the world!



A *botanist* might ask:
What plants do bees like best?



An *epidemiologist* might ask:
What causes a disease?



A *physicist* might ask:

What is the universe made of?

Now *that* is a big question.

Maybe someday I will try to answer it.



Meet the Scientists

Marine biologist

A scientist who studies living things in the ocean

Hydrologist

A scientist who studies water: where it is, how it moves, and what is in it

Microbiologist

A scientist who wants to learn more about tiny forms of life, like bacteria

Geologist

A scientist who studies what the Earth is made of and how it has changed

Seismologist

A scientist who tracks where earthquakes happen and how strong they are

Climate scientist

Someone who studies long-term changes in Earth's temperature and weather

Meteorologist

A scientist who studies day-to-day weather

Zoologist

A scientist who tries to learn more about one or more types of animals

Astronomer

A scientist who studies space, including stars and planets

Epidemiologist

A scientist who studies diseases and how they spread

Physicist

A scientist who studies matter and energy and how they make up our universe

For Grandma D.

—L.D.

*To the Staraselski family with
much love, x*

—C.E.

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