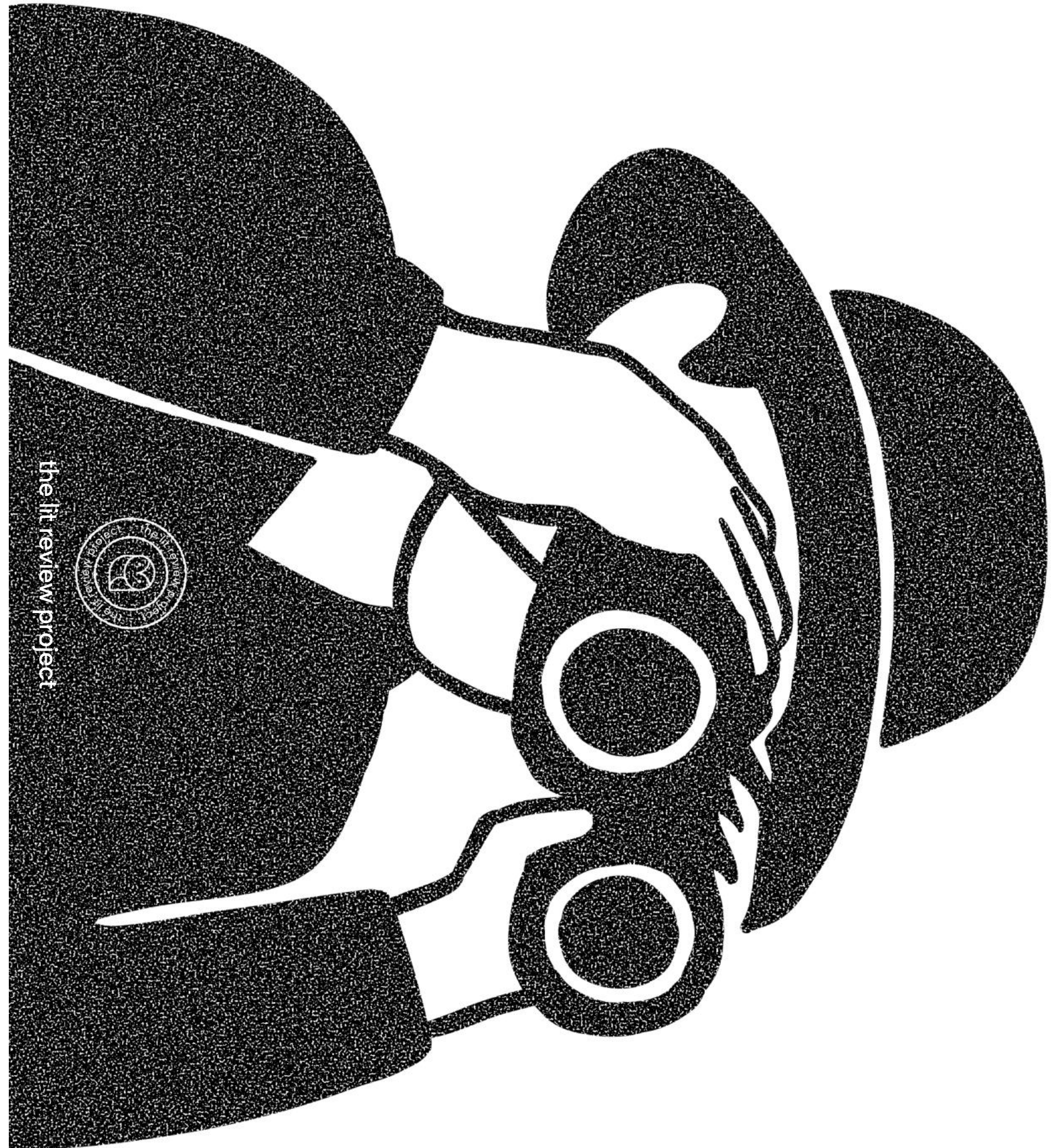




CITIZEN SCIENTIST

by MARY ELLEN HANNIBAL

a literature review & zine on...



THE LIT REVIEW PROJECT

- a collection of visual literature reviews where I combine research, reflection, & design. I wanted to reimagine academic literature reviews as something personal, tactile, and creative.

Each zine in the series explores a single book or theme that I've engaged with for my thesis, using illustrated spreads, diagrams, and design elements inspired by my own fieldwork, annotations, & care.

This edition looks at Citizen Scientist: Searching for Heroes and Hope in an Age of Extinction by Mary Ellen Hannibal

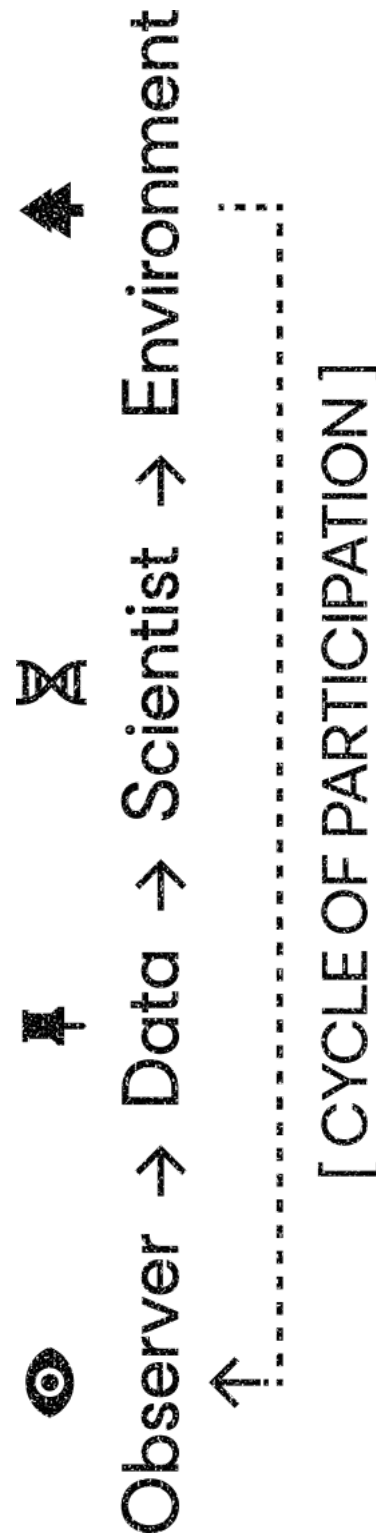
Citizen Scientist, by Mary Ellen Hannibal, invites to see observation not as a passive act but as a radical form of care.

The book blends memoir, ecology, and collective research to reveal what science can look like and who it can belong to. It challenges traditional ideas of expertise, highlighting the power of everyday people in shaping scientific knowledge.

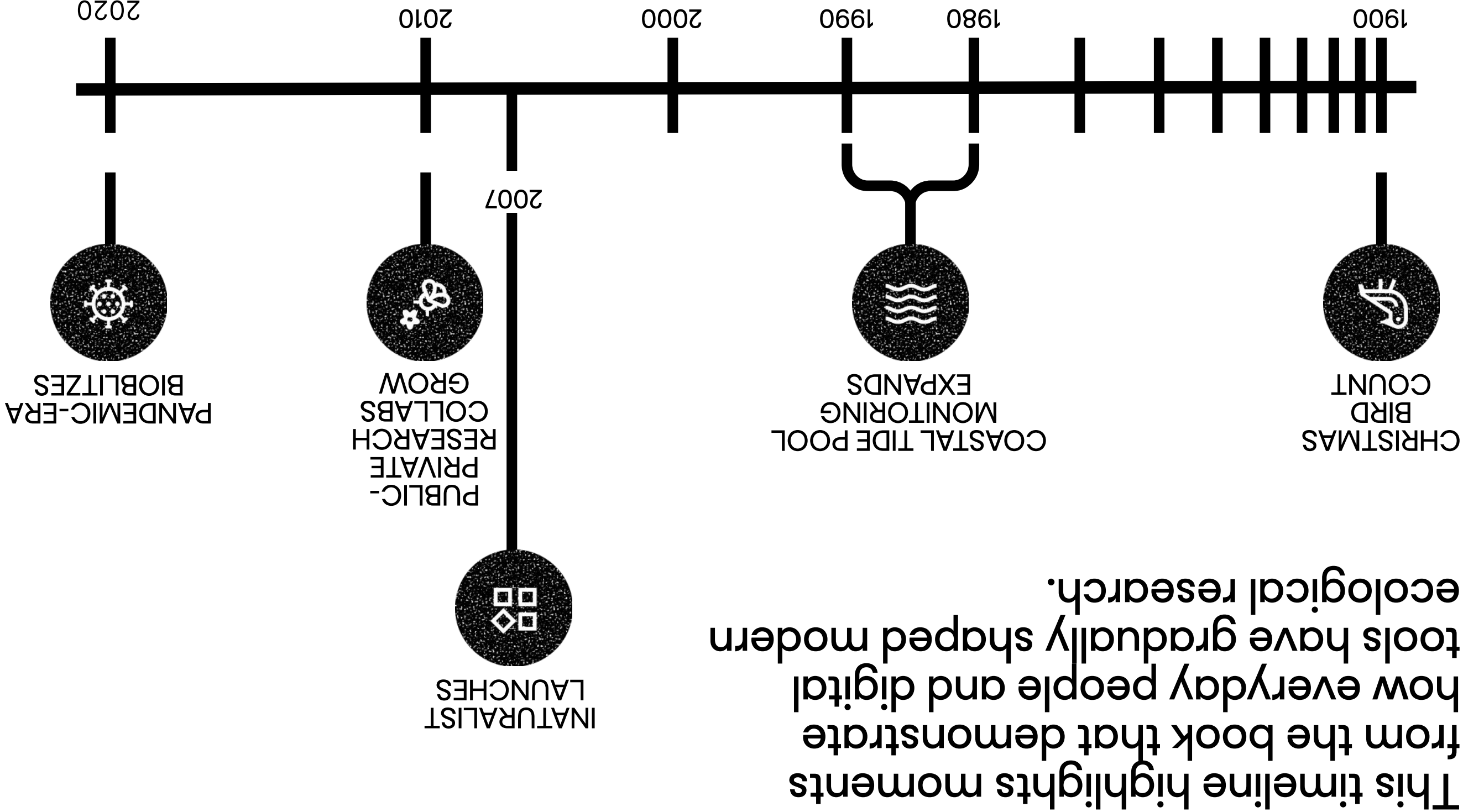
cit-i-zen science

NOUN - collaborative scientific research conducted by members of the public, often using shared tools and digital platforms.

- Powered by curiosity, observation, and community.
- Rooted in care, place, and data.



TIMELINE OF OBSERVATION



This timeline highlights moments from the book that demonstrate how everyday people and digital tools have gradually shaped modern ecological research.

You don't need a lab coat to get involved!

Observation-based science is for everyone. With a bit of curiosity and attention, your notes, sketches, and sightings can help shape real research.

Ways you can take part:

- Join a local bioblitz or seasonal species count
- Log observations with iNaturalist, Seek, or Merlin
- Keep a field journal with notes, drawings, or patterns you notice
- Connect with local conservation groups or science initiatives
- Track your own data and revisit places over time

THE CITIZEN SCIENTIST TOOLKIT

A simple set of tools for noticing, recording, and participating in the world around you.

SMARTPHONE	FIELD BOOK	CAMERA	BINOCULARS
MAGNIFYING GLASS	PENCIL	BIRD GUIDE	MAP

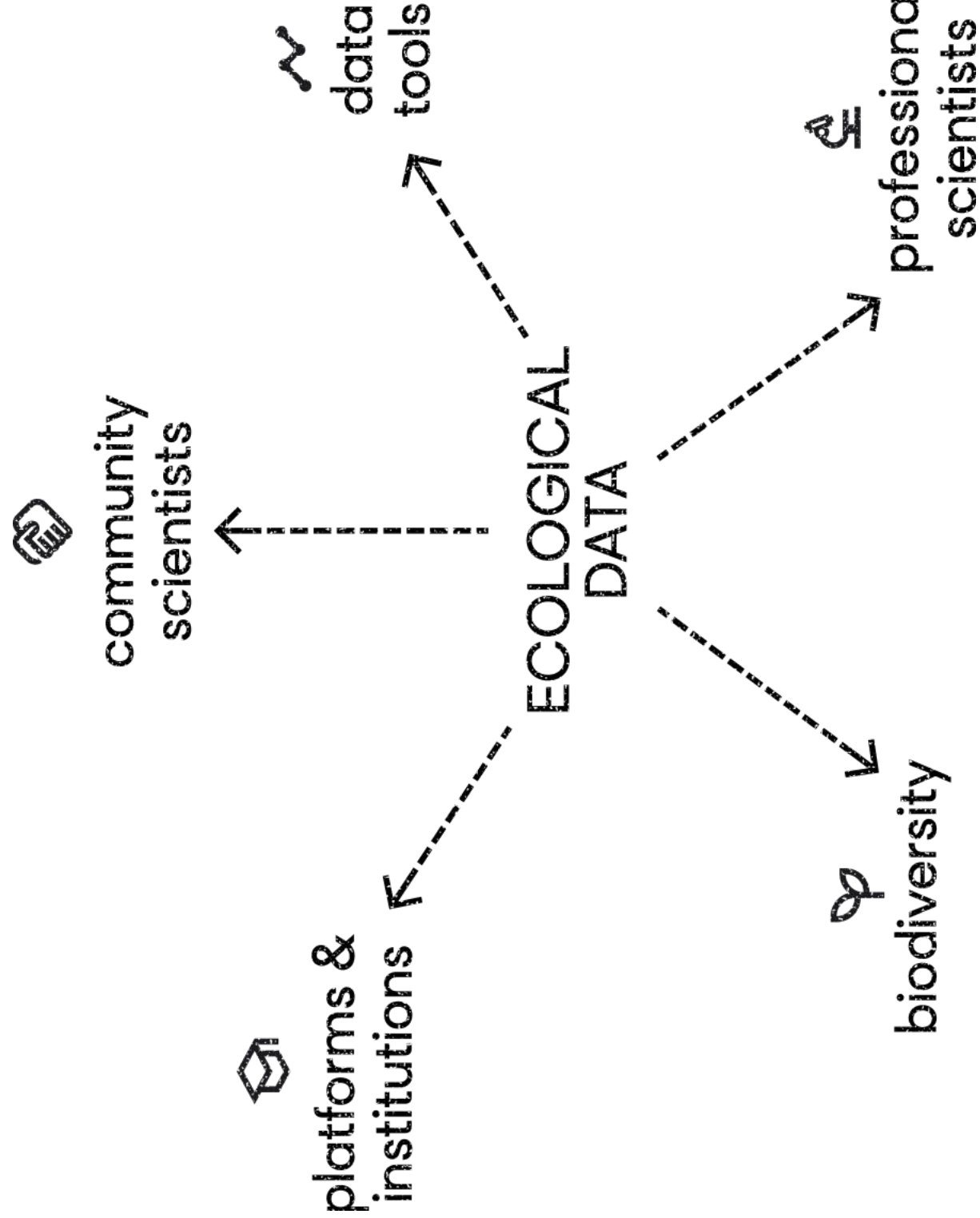
Layers of Loss

In Citizen Scientist, Hannibal shows how paying attention reveals what's quietly disappearing, and how observation becomes a form of care. The species shown here reflect real patterns of decline made visible through public science.



Citizen science is a framework where non-scientists contribute to the production of ecological knowledge.

It decentralizes traditional research and broadens the field by engaging diverse participants in long-term data collection, observation, and analysis.



Hannibal emphasizes the fusion of human attention and digital infrastructure. iNaturalist and other apps/websites are evident systems that connect people with ecosystems while generating usable, policy-relevant science. Citizen science is both a scientific method and an act of public care.

zine #1
designed, illustrated, & printed by zohra boxi

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This zine is part of a collection of literature reviews for my graduate thesis that reimagine academic research through visual design.

