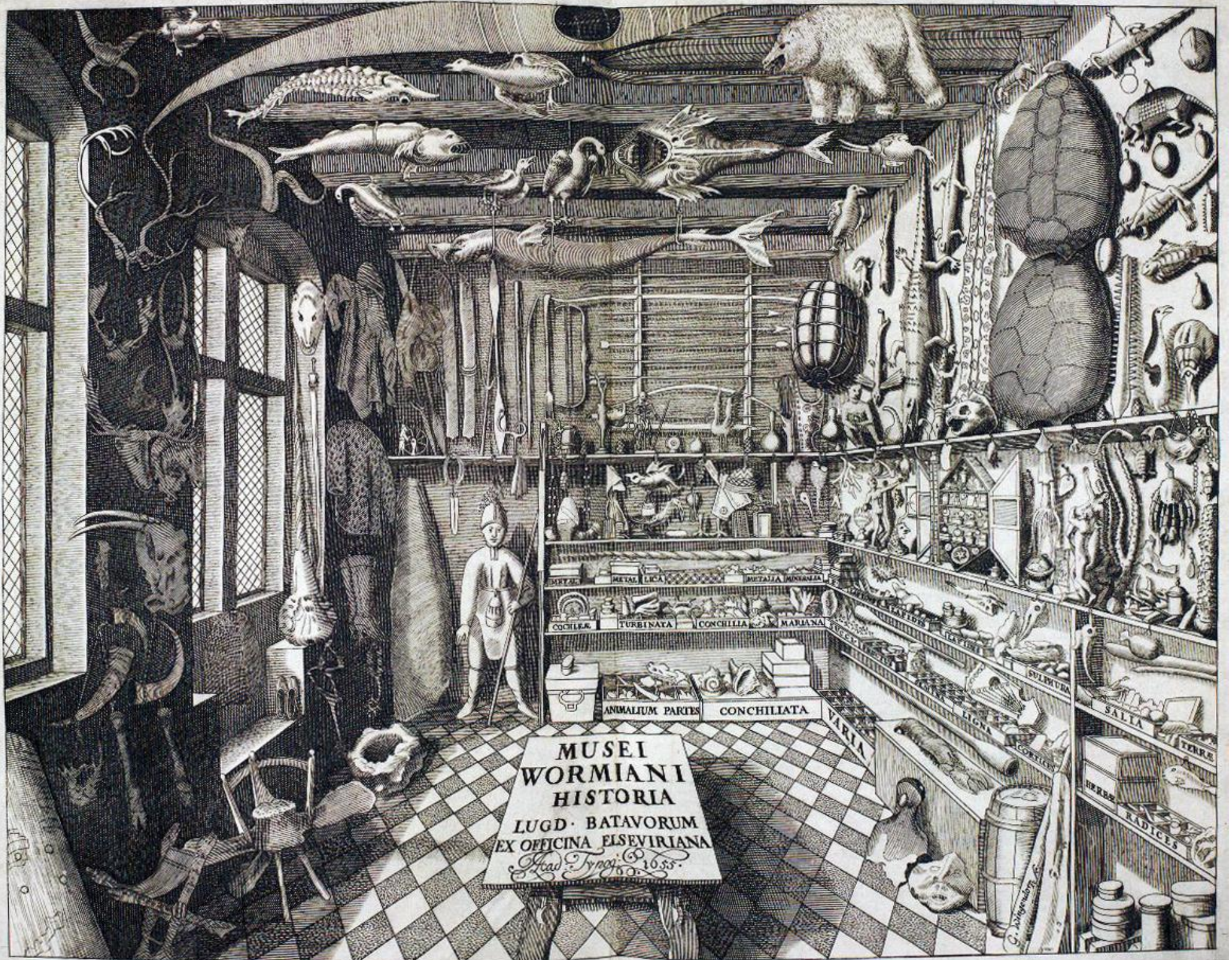


Animals and Nature: Bringing Together Art and Science
obtaining, evaluating, and communicating information as art
Penelope Taylor
www.homenaturemuseum.com



- Story that goes with collecting
- Visual (or audio, or scent, or...) representation of data, ideas, process, message.



MUSEI
WORMIANI
HISTORIA
LUGD· BATAVORUM
EX OFFICINA ELSEVIRIANA
Ad Typos 1655.

METALLA
METALLA MINERALIA
COCHILIA
TURBINATA
CONCHILIA
MARIANA
ANIMALIUM PARTES
CONCHILIATA
VARIA

SULFURA
LIGNA
SALIA
TERRA
RADICES
HERBAE
CORIACIA

"The Kunstkammer was regarded as a microcosm or theater of the world, and a memory theater. The Kunstkammer conveyed symbolically the patron's control of the world through its indoor, microscopic reproduction."

Precursor to natural history museums

(Previous slide: "Musei Wormiani Historia", the frontispiece from the *Museum Wormianum* depicting Ole Worm's cabinet of curiosities)

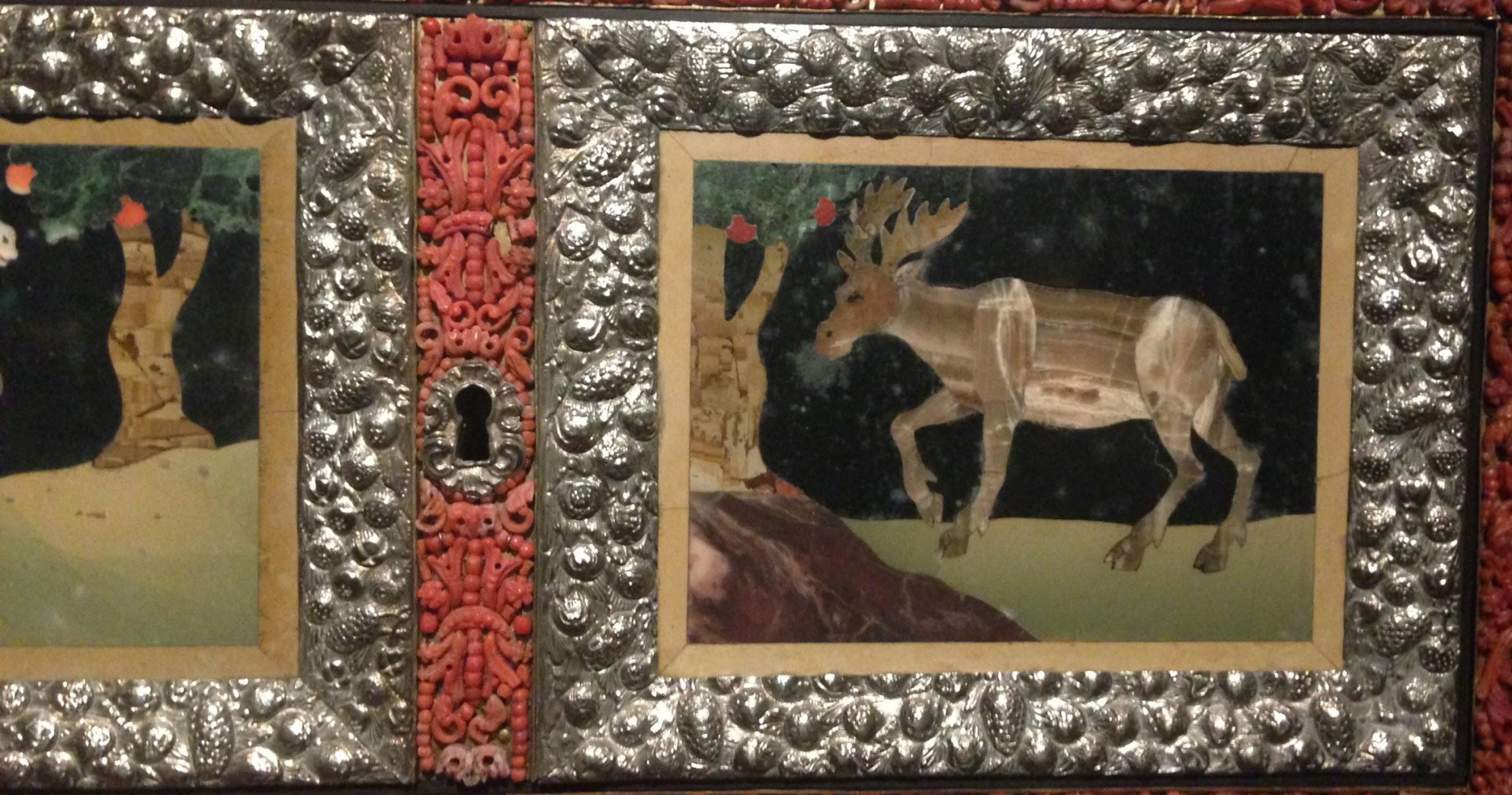
wunderkammer
: Cabinet of
Curiosities
natural
wonders
as aesthetic
statement





A
16th and
works of ar
or gold mo
ys, nautilus sh
miliar and func
actually intended
meeting ground f
a favorite concept

Museum of Fine Arts, Boston



Vlyfio Aldrovandi
Buccinum Zoographia.

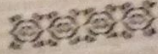


De Testaculis. Lib. III



LOCVS NATVRA. ETAS.

RISTOTELIS...
Cito dicitur...
Tempus vivendi...
quodam...
quodam...



Ulisse Aldrovandi
1522-1605

Four Books on the Remains of the
Bloodless Animals. 1605
Published at Bologna, Italy
by Giovanni Battista Bellagamba
Illustrated book with engravings and...

16th- and 17th-century scholars were
with transformation. How did things
become fossils? How did snails
it possible to transmute lead into
such questions, it was important
the nature of things, and to figure
minerals, plants, and rocks were
were not. The results were given
one dedicated to categorizing
mostly mollusks and insects
one of several books of similar
assembled by the director
at Italy's University of Bologna

Museum of Fine
Arts, Boston

enconchado

cabinet

mother-of-pearl

and

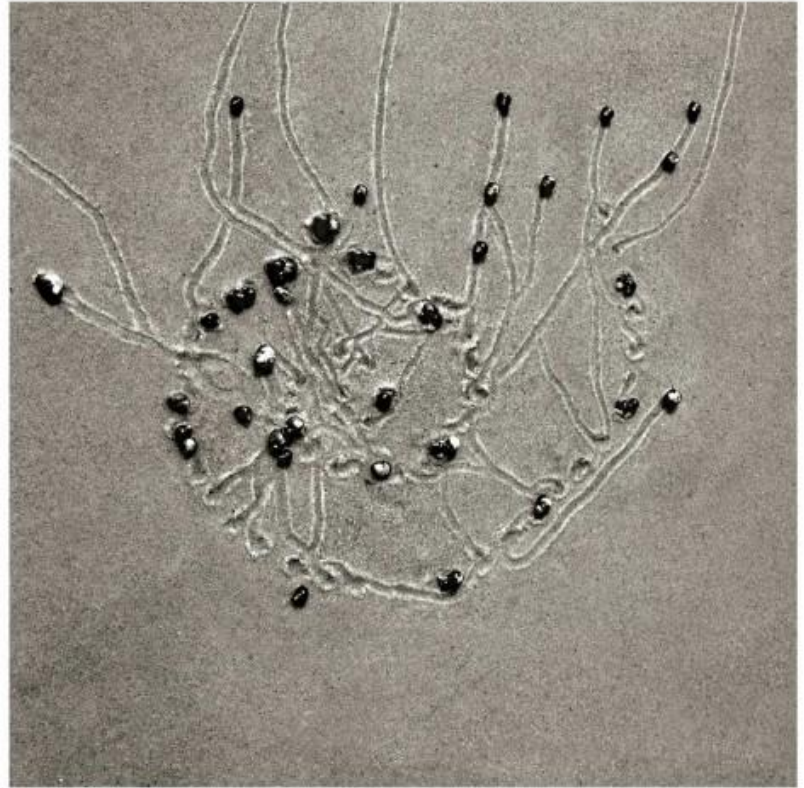
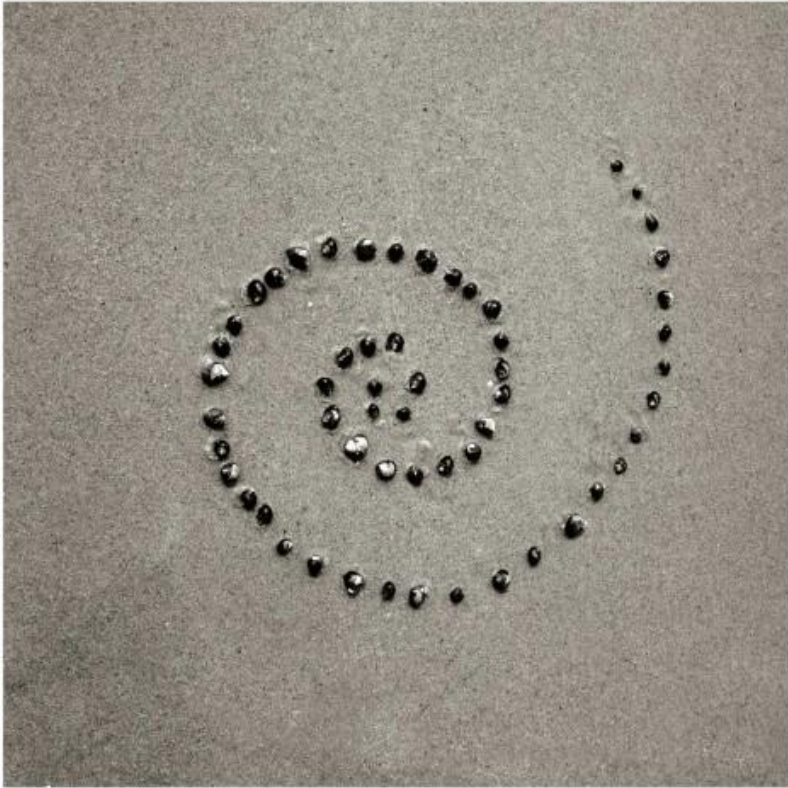
tortoiseshell

17-18th century

Peru



Collaborating with animals
(Evaluating information- in
this case, created by
animals- as art)



Daniel Ranalli



Céleste Boursier-Mougenot's from here to ear
Zebra finches on electric guitars; immersive
sonic installation



Chris Jordan, *Midway: Message from the Gyre* 2009
artist's photographs graphically illustrate impact of plastic consumption on seabirds



Chris Jordan, *Midway: Message from the Gyre* 2009-present
"On Midway Atoll, a remote cluster of islands more than 2000 miles from the nearest continent, the detritus of our mass consumption surfaces in an astonishing place: inside the stomachs of thousands of dead baby albatrosses. The nesting chicks are fed lethal quantities of plastic by their parents, who mistake the floating trash for food as they forage over the vast polluted Pacific Ocean."

Geza Szollozi
New forms of taxidermy



Jan Fabre
*The Night
of Diana*
@ Musée de
la Chasse
et de la
Nature
(Museum of
Hunting
and
Nature)



David Winton Bell Gallery
Brown University
til 27 March 2016

DEAD
OR
The Curious Occurrence of
Taxidermy in Contemporary Art
ANIMALS



How humans generate
and share knowledge
about nature and
animals.

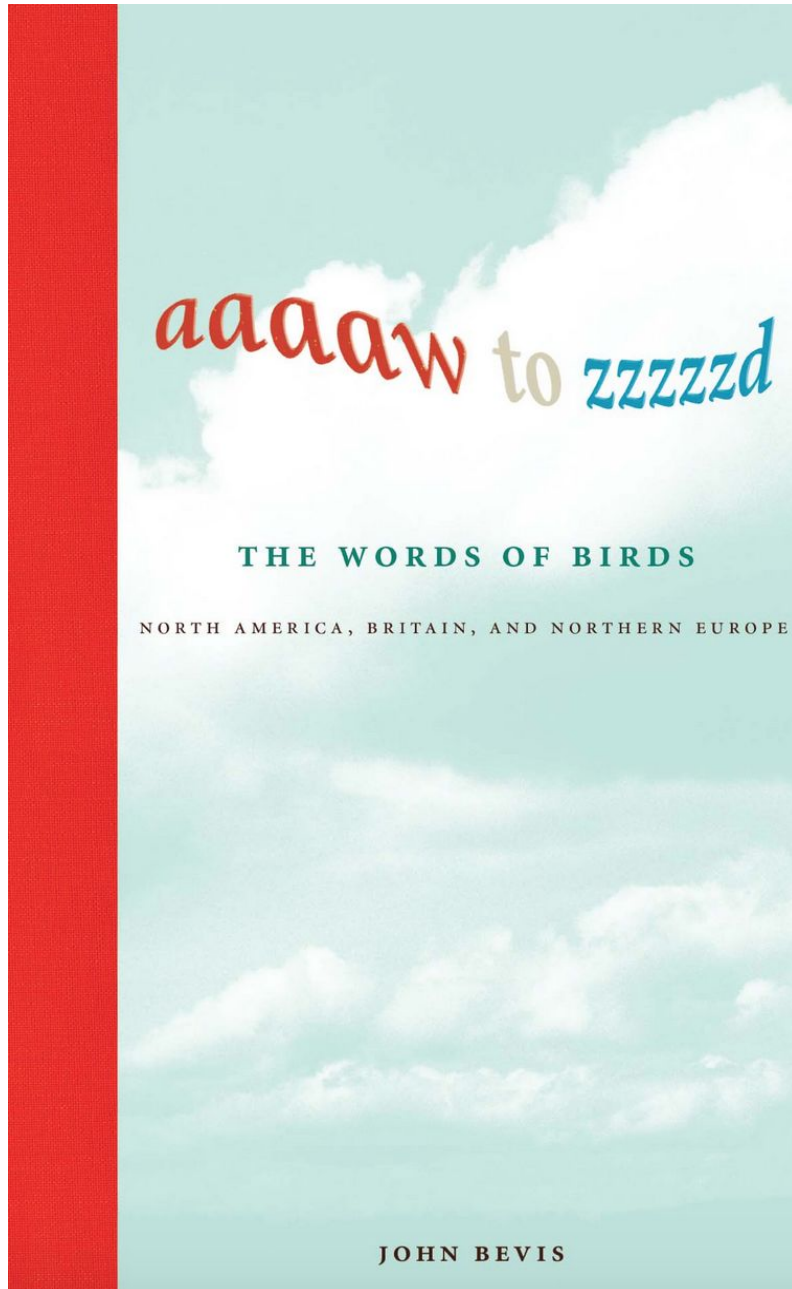
Innovative data
collection.

Modes of display.

Art/design of science
publications.

Bird song mnemonics & "bird words"

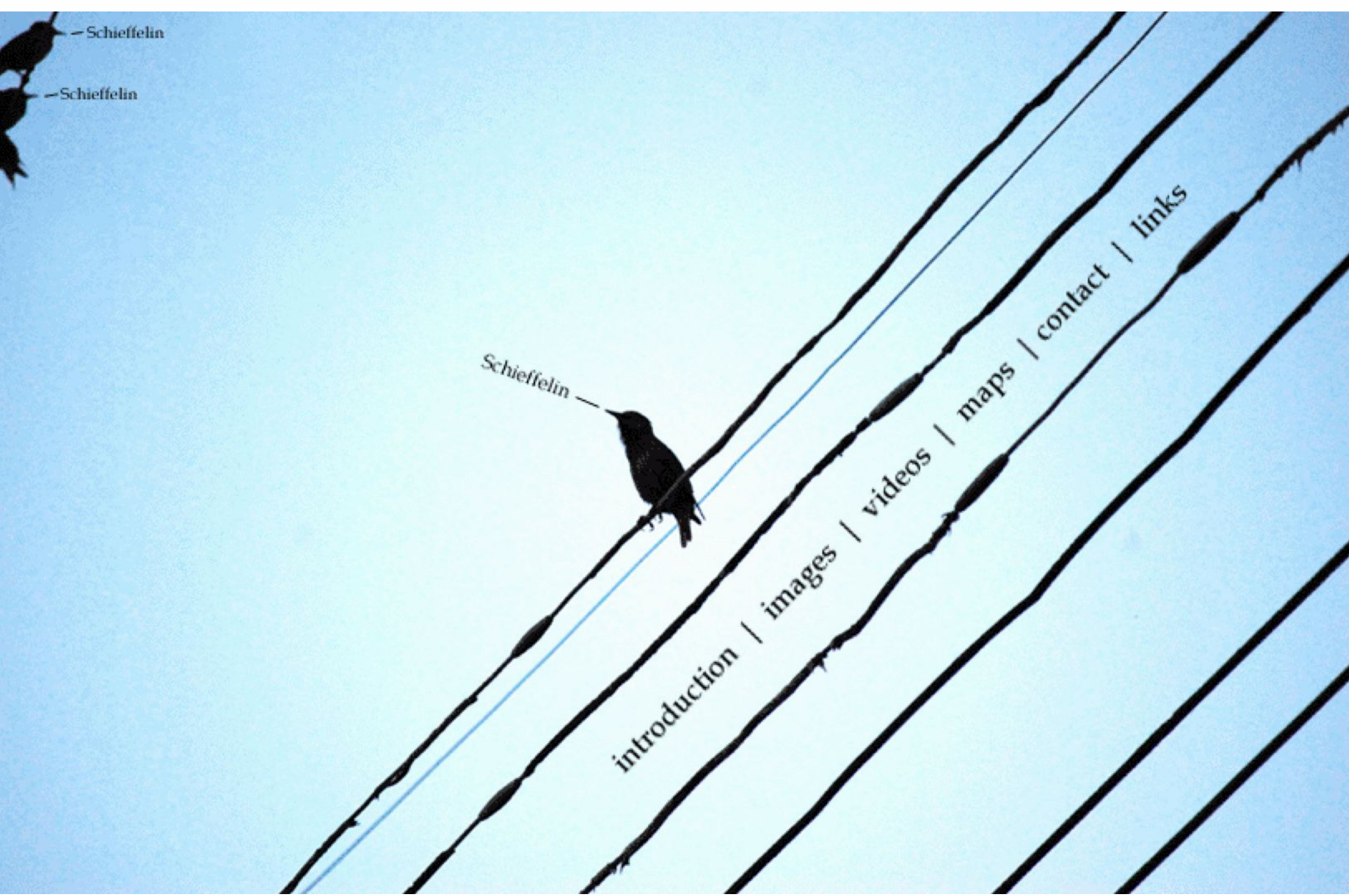
(Mnemonic: "assisting or intended to assist memory")



"bird words" - attempt true phonetic equivalents of sounds birds make.

John Bevis

Dictionary of bird words
& some mnemonics



BD Collier, Teach the Starlings:



Teach the Starlings Audio-rigged Nestbox

This nestbox is designed specifically for European starlings. Starlings usually raise two broods a year of two to three nestlings each. Each nestbox can potentially teach up to eight starlings to say 'Schieffelin' each season (six juveniles and two adults).

To trigger the audio device, gently insert two fingers into the nestbox hole and then remove them.

“you can help change the starling from an unwanted invader to a productive environmental teaching tool”



La Serinette/Lady with a
Bird Organ
1751/3
Jean-Siméon Chardin
(1699–1779)



James Prosek, Bird Walls
““Why do we name and order nature?”



Mark Dion

Octagon Room, Mass MoCA

"...Mark Dion investigates into the blurred boundaries between art, society, and history, as well as the homogenized methods of their presentation and consumption."



Mark Dion
Octagon Room



Mark Dion

The Mobile Gull Appreciation Unit

2008, Folkestone, UK

"Gulls are the most conspicuous non-human denizens of Folkestone...The Mobile Gull Appreciation Unit' functions as a clearing house for information about the evolution, ethnology, natural history, environmental status and folklore of these remarkable animals'.

The Trouble with Jellyfish, installation by Mark Dion and Marine Biologist Lisa-ann Gershwin, Le Laboratoire, Cambridge, MA 2015



The Trouble
with
Jellyfish,
installation
by Mark Dion
and Marine
Biologist
Lisa-ann
Gershwin, Le
Laboratoire,
Cambridge, MA
2015



*The Trouble
with
Jellyfish,*
installation
by Mark Dion
and Marine
Biologist
Lisa-ann
Gershwin, Le
Laboratoire,
Cambridge, MA
2015



*Cabinet of Marine
Debris, Mark Dion*



Contemporary Natural History:

Mmuseumm

<http://mmuseumm.com/>



Chirimen Monsters

From the collection of Mika Yoshida

Introduction by David Imber

Shown in the collection are two seahorses, three squid, a belt fish, a sea eel, and two fish...

May 22, 2014 - February 15, 2015



A Natural History of Death

Specimens curated by Mmuseumm from the dirt and water collection of Ken Brecher.

Death.

The permanent end of the life of a person or organism.



Moss

From the collection of Maira Kalman

I love moss. Moss is everywhere.

It appears in the varying shades of green.

From blue green to silver green to electric...

May 22, 2014 - February 15, 2015



200 New Delhi Mosquitos Killed Mid Bite

From the collection of Zachary Becker

This collection of 200 Mosquitoes, each killed

mid-bite, originates from India and was

collected over the course of a three-month...

May 22, 2014 - February 15, 2015



Natural Styrofoam Rocks

From the collection of Maia Ruth Lee

Rocks are uniform solids formed from minerals and compounds, arranged in an orderly manner. Rocks are classified as igneous, sedimentary or...

May 22, 2014 - February 15, 2015



Why the long face? is the game that brings taxidermy to life! Face charades to explore collection in new way & create animal characters.

Obtaining information.

Using scientific methods
to collect new, novel
data, presented as art.
Field collecting.

What colors, smells,
quantities, qualities,
movements, sounds do
field collectors
encounter?

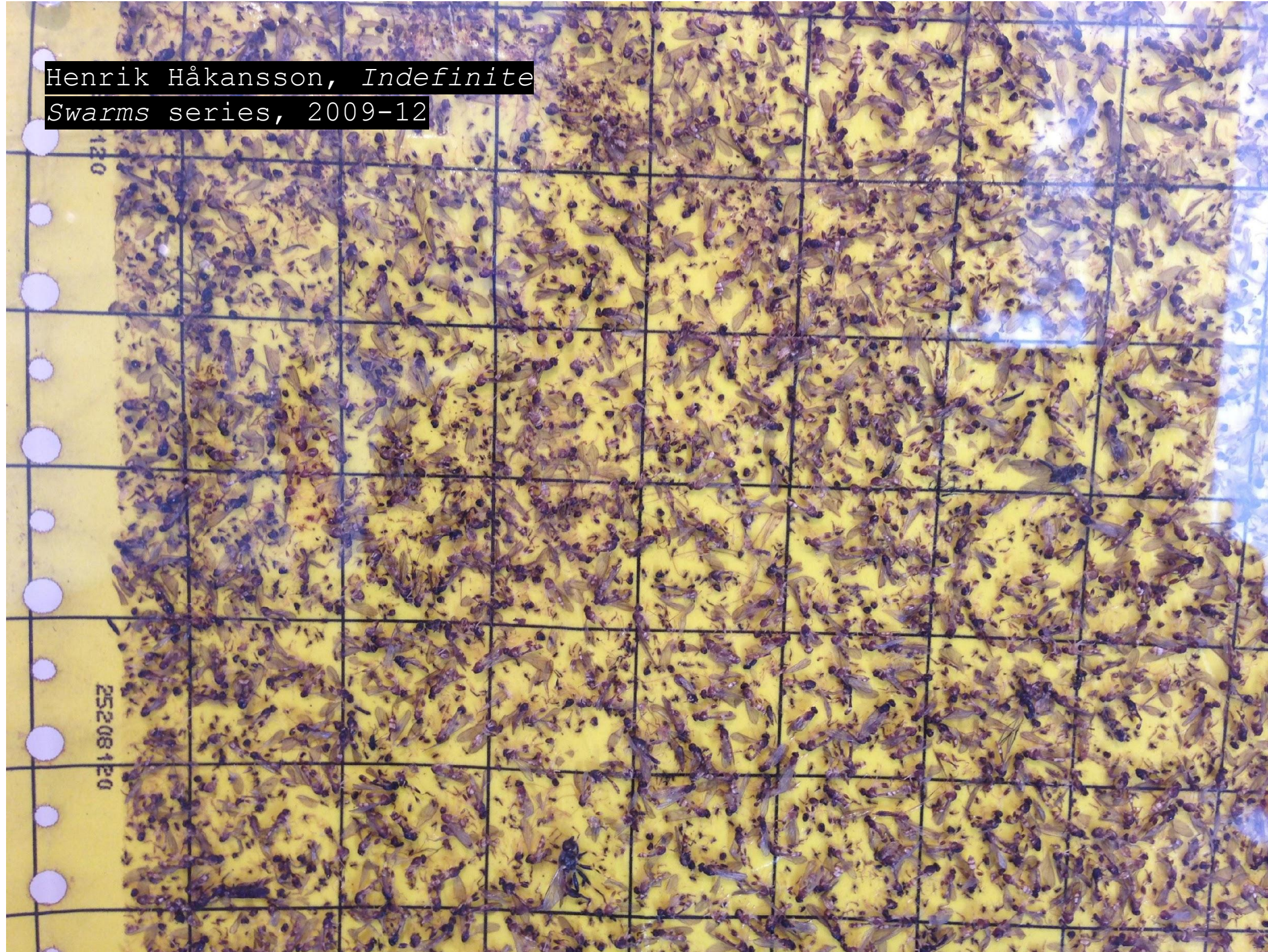


Spencer Finch, *Walden Pond (surface/depth)*, 2013

Henrik Håkansson, *Indefinite*
Swarms series, 2009-12

120

25208120



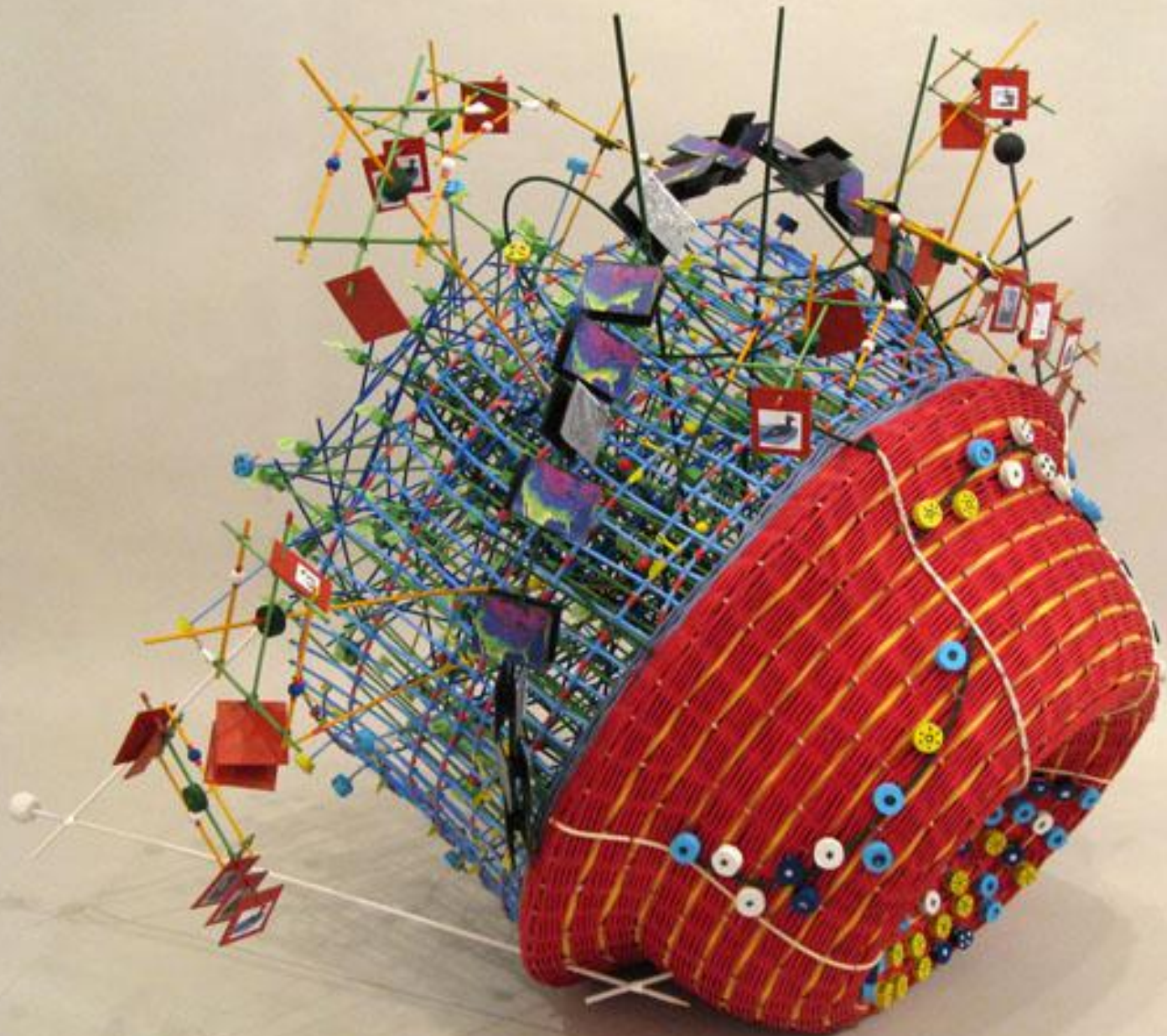


Henrik Håkansson,
Indefinite Swarms
series, 2009-12



Nathalie Miebach

Starting in 2006, I began building low-tech data collecting devices that extract weather data from specific environments. Living on Cape Cod at the time, I went to Herring Cove Beach for 18 months on a daily basis, rain or shine, to observe and record the interaction between weather and environment. The data was then compared to historical and global trends in weather and finally translated into a series of sculptures.



Nathalie Miebach
*Barometric
Pressure: Herring
Cove, Cape Cod*
Reed, wood, data
36"x36"x36', 2008
This piece looks
at the
relationship
between
barometric
pressure, cloud
cover, soil
temperature
readings
and bird
sightings during
a 30-day period
on Herring Cove
Beach, Cape Cod.

Nathalie Miebach
Eastern Maine Shelf
Buoy

Reed, data, wood,
plastic, plaster
2'x2'x4', 2008

...translating various ocean and air data to help me understand what ecological conditions exists to entice right whales to congregate in such large numbers in this particular area. Each sculpture translates ocean and air data specific to the topographical location of the buoy in the Gulf of Maine. All buoys for this project are of the Gulf of Maine Observation System (GOMOOS). Local buoy data is also compared to larger, historical climate/weather data sets.





Helen Mirra & Ernst Karel

Hourly directional sound recording, Mata Atlântica, Brazil
(2012) is composed of location recordings made during
eleven days of walking in remnants of coastal rainforests
in southeastern Brazil.

Presenting sound recorded in one place in similar (yet different) space emphasizes details.
Ernst Karel @ Waterworks Museum, Chestnut Hill, Mass.



Jane D. Marsching

Marsh Radio Island



Communicate information

Reinterpret culture via science.

Aphorisms, informed by science.

Play on animal behavior,
scientific process/objects in
itself.

Commenting on scientific realities
via design.

David Buckley Borden

Cambridge, Mass.



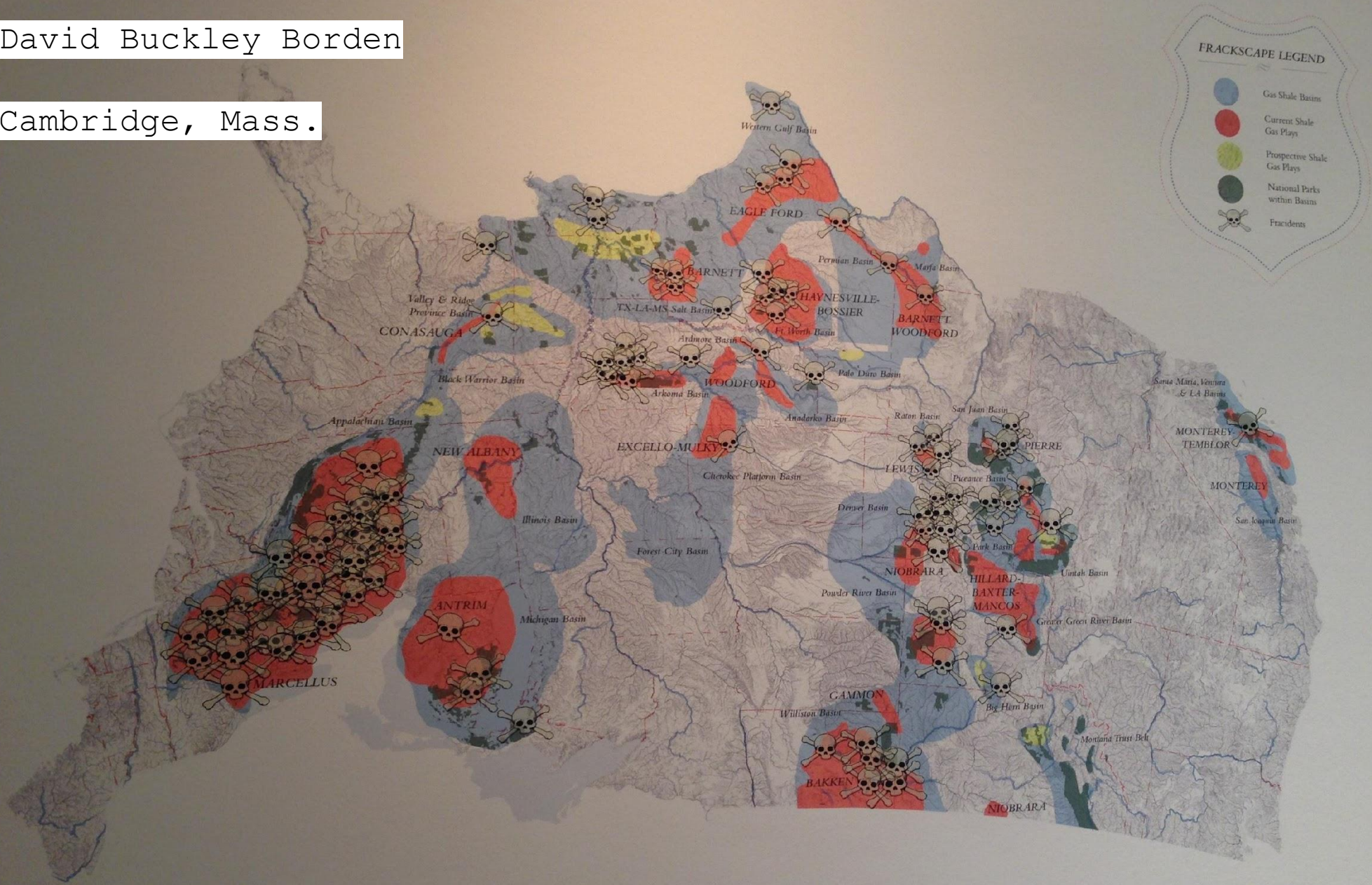
David Buckley
Borden

installed @ L. C.
Bates Museum
woods walk,
Hinckley, Maine



David Buckley Borden

Cambridge, Mass.



ECOLOGICAL DISTRESS MAP

Frackscape, Circa 2014

... millions of gallons of high-pressure water and a cocktail of unregulated
... contaminating both air and groundwater.

David Buckley Borden

Cambridge, Mass.

FRACKSCAPE LEGEND

Gas Shale Basins



Current Shale
Gas Plays



Prospective Shale
Gas Plays



National Parks
within Basins



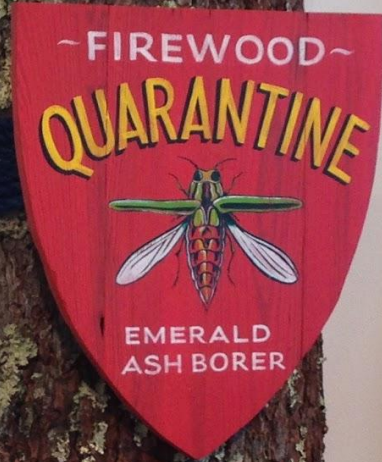
Fracidents





David
Buckley
Borden

Cambridge,
Mass.



David Buckley
Borden

Cambridge,
Mass.



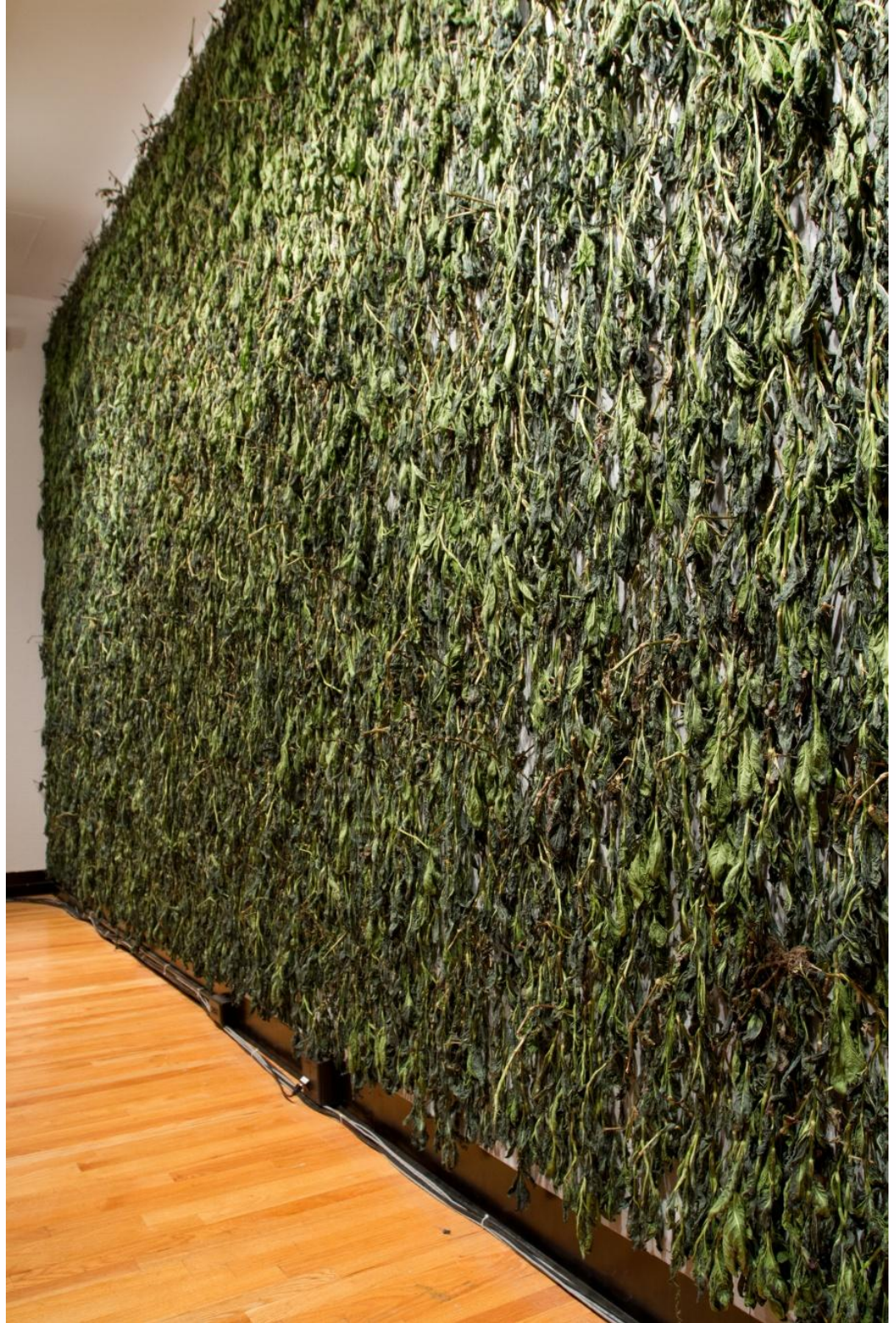


Willem Volkersz, Montana
landscape and urbanization of the West; collected pop culture
depictions of natural scenes, animals.



Rowland Ricketts
Fields of Indigo
Smell

Rowland Ricketts
Fields of Indigo
Smell



Andrea Roe, Every Butterfly Ever Observed, A copy of every print run of the 'Observer's Book of Butterflies' (1938-85, pins, table), 2011



Andrea Roe, *Sixty Wrens*,
arranged cabinet skins,
National Museums of
Scotland, 2006.

"Wrens are not social
during the day, but
regularly pack into roosts
soon after sunset during
the winter...Once inside,
roosting wrens squat up to
two or three layers deep
with heads facing inwards
and tails towards the
entrance or sides."

- Michael J. Sebago



Above: *Sixty Wrens*, arranged cabinet skins, National Museums of Scotland, 2006

'Wrens are not social during the day, but regularly pack into roosts soon after sunset during the winter...Once inside, roosting wrens squat up to two or three layers deep with heads facing inwards and tails towards the entrance or sides.'

- Michael J. Seago (<http://www.birdsofbritain.co.uk/bird-guide/wren.asp>)

Opposite page: *Things Unspoken*, copper electroformed bird tongue, bell wire, connector, 2013 (detail)

Updated landscapes:
Modern materials,
tools to evoke
experience with
natural world while
in a gallery.



Albert Bierstadt - *The Rocky Mountains, Lander's Peak* 1863



The Heart of the Andes by Frederic Edwin Church (1826-1900)



Winslow Homer, *Northeaster*, 1895



Winslow Homer, *Artists Sketching in the White Mountains*, 1868, oil on panel (Portland Museum of Art, Portland, Maine)

Ansel Adams

The Tetons and the Snake River (1942)



Patrick
Jacobs, *Two
Stinkhorns
with Log*,
2015
Diorama
viewed
through 7.5
in. (19 cm)
window.



Patrick
Jacobs, *Oak
Stump with
Red-Banded
Polypore,*
2013
Diorama
viewed
through 7.5
in. (19 cm)
window.



Patrick
Jacobs, *Oak
Stump with
Red-Banded
Polypore,*
detail.
2013
Diorama
viewed
through 7.5
in. (19 cm)
window.







Dawn Clements

Grass, 2013

Watercolor on
paper, 30

3/4" x 33"



Mocha Dick, Tristin Lowe, 2010
installation @ Williams College Museum of Art
52-foot-long, ghostly white sperm whale made out of
industrial wool felt

Scott Williams
Cape Town, South
Africa



Scott
Williams
Cape Town,
South
Africa



The first of the Fish were made on 4 October 2011 after much time devoted to the study of street art, paper toy culture and hip hop ideology. It is a Street Art project with an emphasis of the use of recycle material to produce art.

BOO-COUP-FISH is a refugee statement.

BOO-COUP-FISH is about following things.

When one moves house or goes to a new area, whether by force or voluntarily, one is unsettled by the new environment. One has to establish new routines, habits in order to survive.

(new transport routes, schools, shops)

So initially one will act as the proverb goes, "like a fish out of water".

Resources

Learn & Play

PLAY!

Maker Lounge

Student Programs

Teacher Learning
& Resources

Community
Outreach

Kids & Families



The Dotty Brown Art & Nature Center

Completely redesigned, the expanded Art & Nature Center showcases original exhibitions that investigate our interconnections with nature through contemporary art, memorable objects and interactive experiences. Designed for visitors of all ages, the new family-friendly center features changing exhibitions, hands-on displays and art-making spaces.

Peabody Essex Museum, Salem, MA

Search recordings by catalog number or species:

All Media  



Great Reed-Warbler -- *Acrocephalus arundinaceus*

Galatee Films

WELCOME

We invite you to explore the world's largest archive of wildlife sounds and videos.

Our mission: To collect, preserve, and facilitate the use of wildlife recordings for science, education, conservation, and the arts.

[Learn More](#)



Niels Krabbe's collection

Crescent-faced Antpitta *Grallaricula lineifrons*
© Andrew Spencer

XC248388 ↓



0:00

0:50



Crescent-faced Antpitta (*Grallaricula lineifrons*)

• song

Niels Krabbe

Xeno-canto now hosts the entire sound collection of Niels Krabbe. Niels' sounds from the Andes appeared as descriptions and sonograms (Scytalopus!) in "Birds of the High Andes", on study tapes, on acclaimed CD's and DVD's and now in this place. A milestone. Among the many nuggets in his contributions we chose the first identified recording ever of Crescent-faced Antpitta *Grallaricula lineifrons* to celebrate.

Collection Statistics

259938	Recordings
9377	Species
9414	Subspecies
2559	Recordists
3448:34:24	Recording Time

[More...](#)

Latest New Species

[Scaly Thrush](#)

[Eleonora's Falcon](#)

[Cape Teal](#)

[Solomons Frogmouth](#)

[Cinnamon Ground Dove](#)

[More...](#)

What is xeno-canto?

xeno-canto is a website dedicated to sharing bird sounds from all over the world. Whether you are a research scientist, a birder, or simply curious about a sound that you heard out your kitchen window, we invite you to listen, download, and explore the bird sound recordings in the collection.

But xeno-canto is more than just a collection of recordings. It is also a collaborative project. We invite you to share your own bird recordings, help identify mystery recordings, or share your expertise in the forums. Welcome!

💡 Try this!

Add time markers in remarks

It is possible to add time markers in the remarks as 0:20 or 0:15.5 that will automagically change



Audacity

A free multi-track audio editor and recorder

Brought to you by: [sf-editor1](#), [vjohnson](#)

Zines

a fast and easy publication to share the story behind your fieldwork/science/project...

"A zine can be loosely defined as an independently produced, self-published, underground publication, typically photocopied. People make zines out of a desire to share stories, knowledge, thoughts, opinions, and experiences. Zines are made for love, not for profit."

- Papercut Zine Library, Somerville, Mass.

Zines

Materials:

Paper

Pen/pencil

Photocopier

Stapler

Collage material, a variety of papers, marking tools, etc. fun to have on hand but not required!

Zines

Page layouts:

2 pieces of paper

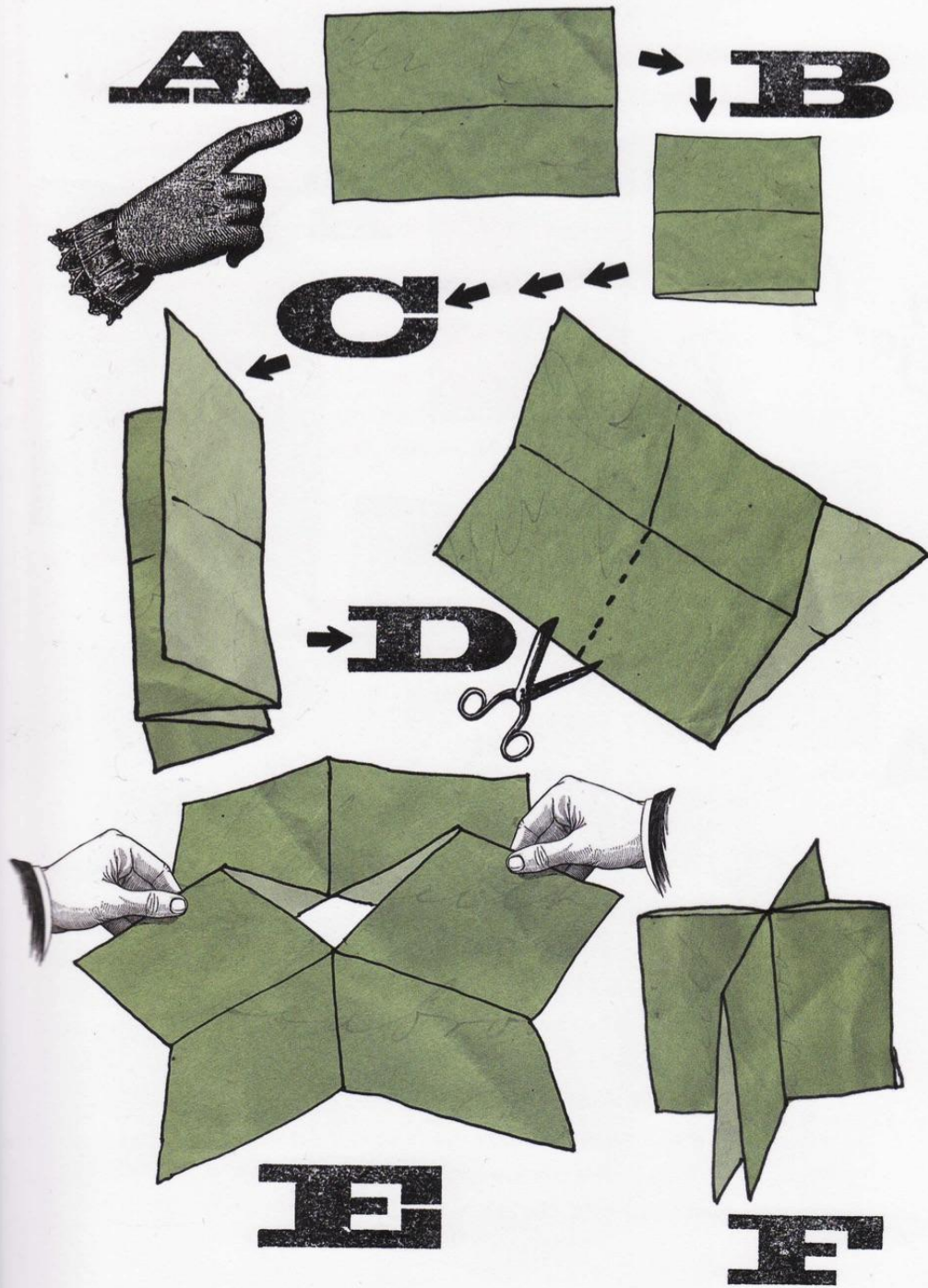
8 pages

8	1
2	7
6	3
4	5

3 pieces of paper

12 pages

12	1
2	11
10	3
4	9
8	5
6	7



No-staples
folding
method from
Small Science
Collective

Zines

Check out:
Small Science
Collective

[http://www.
smallsciencecollective.
org/p/zine-library.html](http://www.smallsciencecollective.org/p/zine-library.html)

