

Art + Science

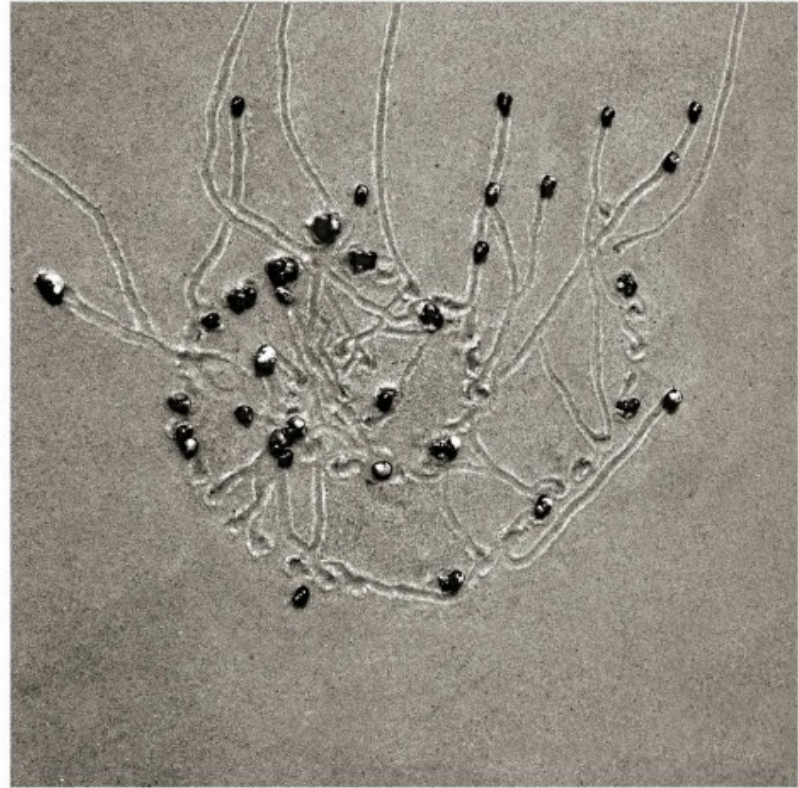
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homenaturemuseum.com



Collaborating with animals



Daniel Ranalli: <http://danielranalli.com/>



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



http://pem.org/sites/freeport007/behind_the_scenes/

How humans generate and share knowledge about nature and animals.

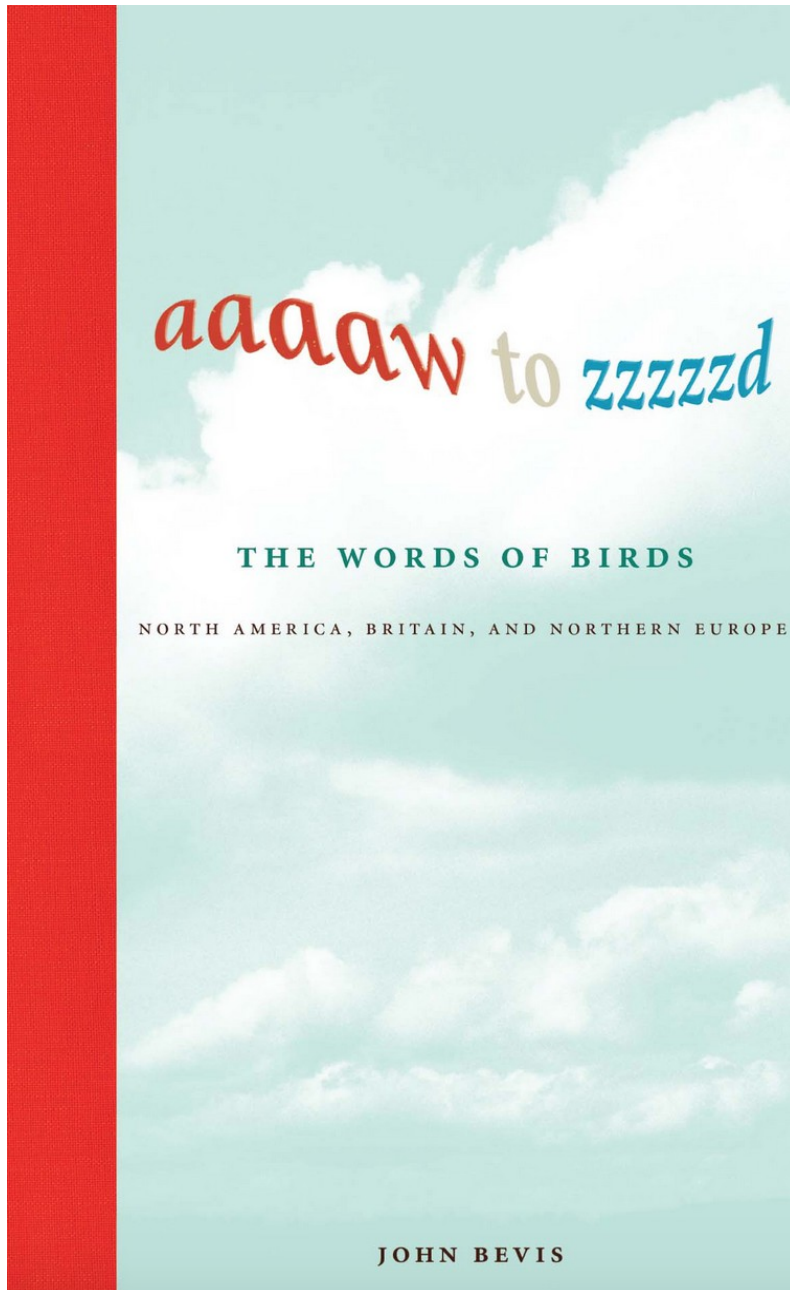
Innovative data collection.

Modes of display.

Bird song mnemonics & “bird words”

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

<http://web.stanford.edu/~kendric/birds/birdsong.html>

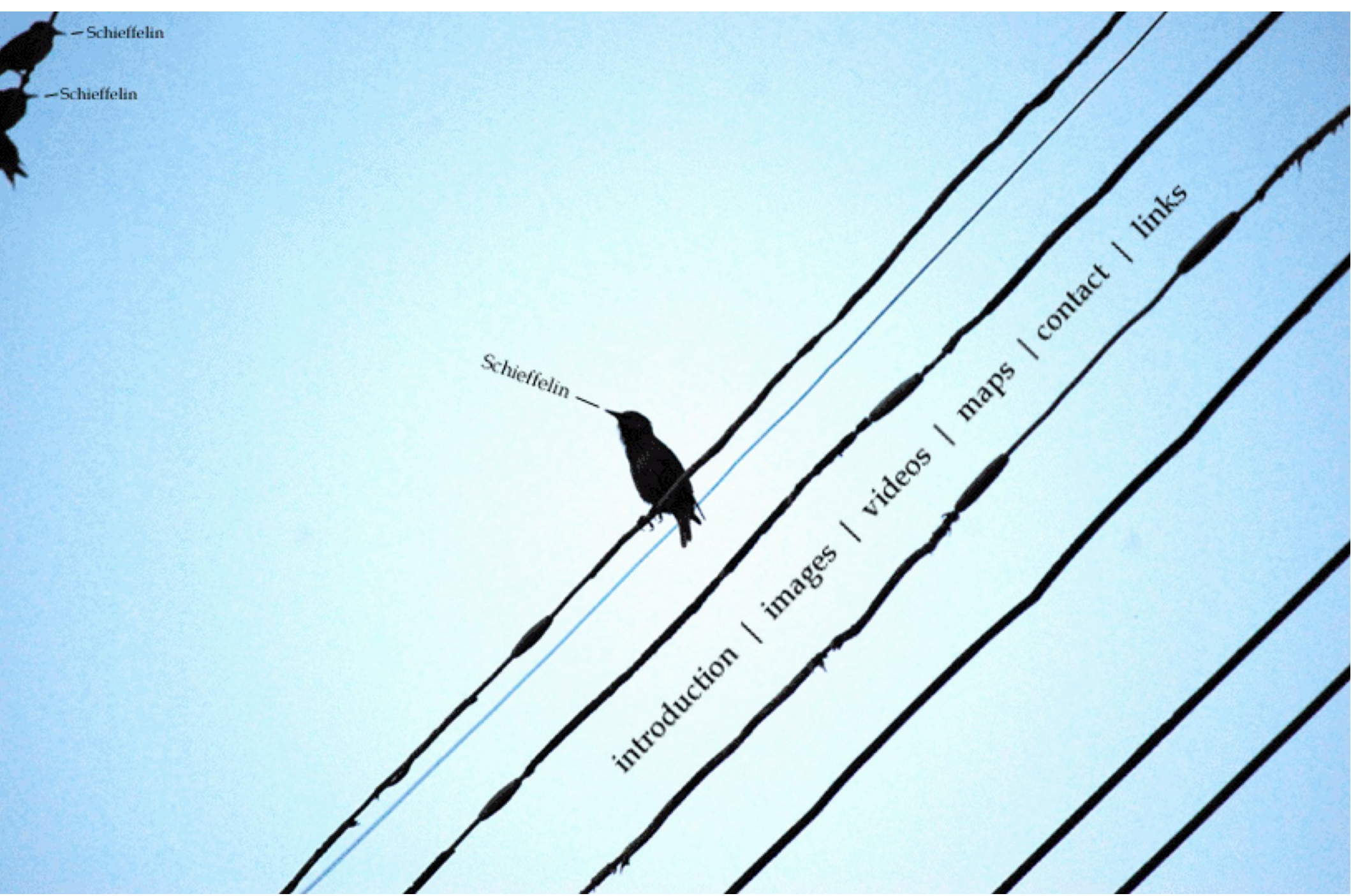


“bird words” - attempt true phonetic equivalents of sounds birds make.

John Bevis

Dictionary of bird words
& some mnemonics

Activity: survey mnemonics to get a personal data set, create your own, bird words, bird word poetry...



BD Collier, Teach the Starlings:
<http://teachstarlings.societyrne.net/>



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

<http://www.troutsite.com/wall-of-silhouettes.html>

“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.”

<http://bigredandshiny.org/1665/bush-years-and-butterfly-nets-an-interview-with-mark-dion/>



Coyote
Canis latrans

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
<http://www.spencerfinch.com/view/installations/142>

Henrik Håkansson, Indefinite Swarms
series, 2009-12

<http://www.meyer-riegger.de/en/data/artists/135/>

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Presenting sound recorded in one place in similar (yet different) space
Ernst Karel <http://artery.wbur.org/2014/05/08/new-england-phonographers-union>



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

<http://davidbuckleyborden.com>





ECOLOGICAL DISTRESS MAP

Frackscape, Circa 2014

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

FRACKSCAPE LEGEND



Gas Shale Basins



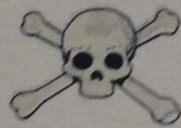
Current Shale
Gas Plays



Prospective Shale
Gas Plays



National Parks
within Basins



Fracidents

Andrea Roe, Every Butterfly Ever Observed, A copy of every print run of the 'Observer's Book of Butterflies' (1938-85, pins, table), 2011 <http://www.andrea-roe.com/page4.htm>





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)

Sound resources

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

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](#)



Audacity

A free multi-track audio editor and recorder

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

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.