



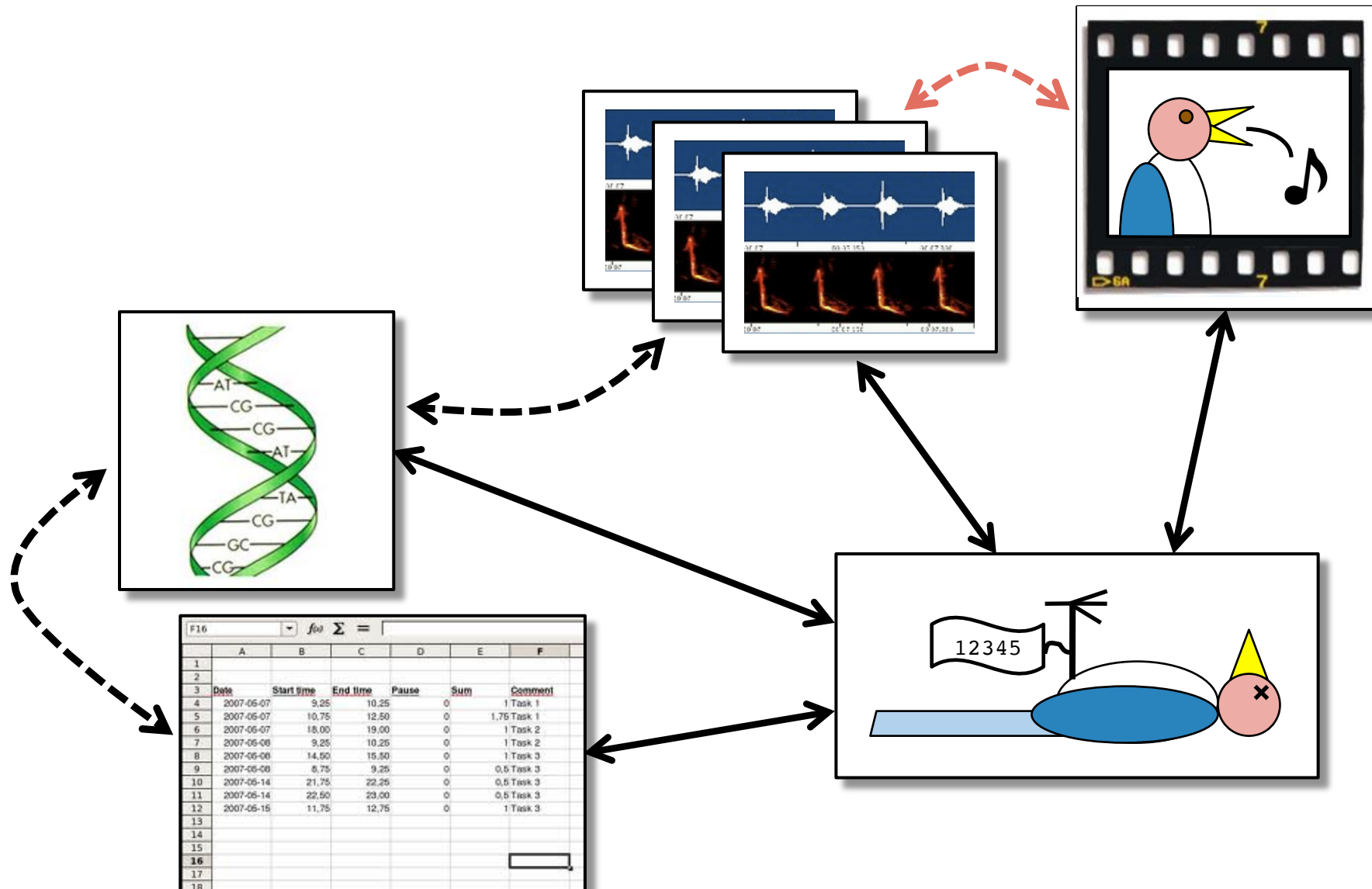
Vouchered Animal Communication Signals

Michael Webster

Dept. of Neurobiology & Behavior, Cornell

The **Cornell** Lab  of Ornithology
Macaulay Library

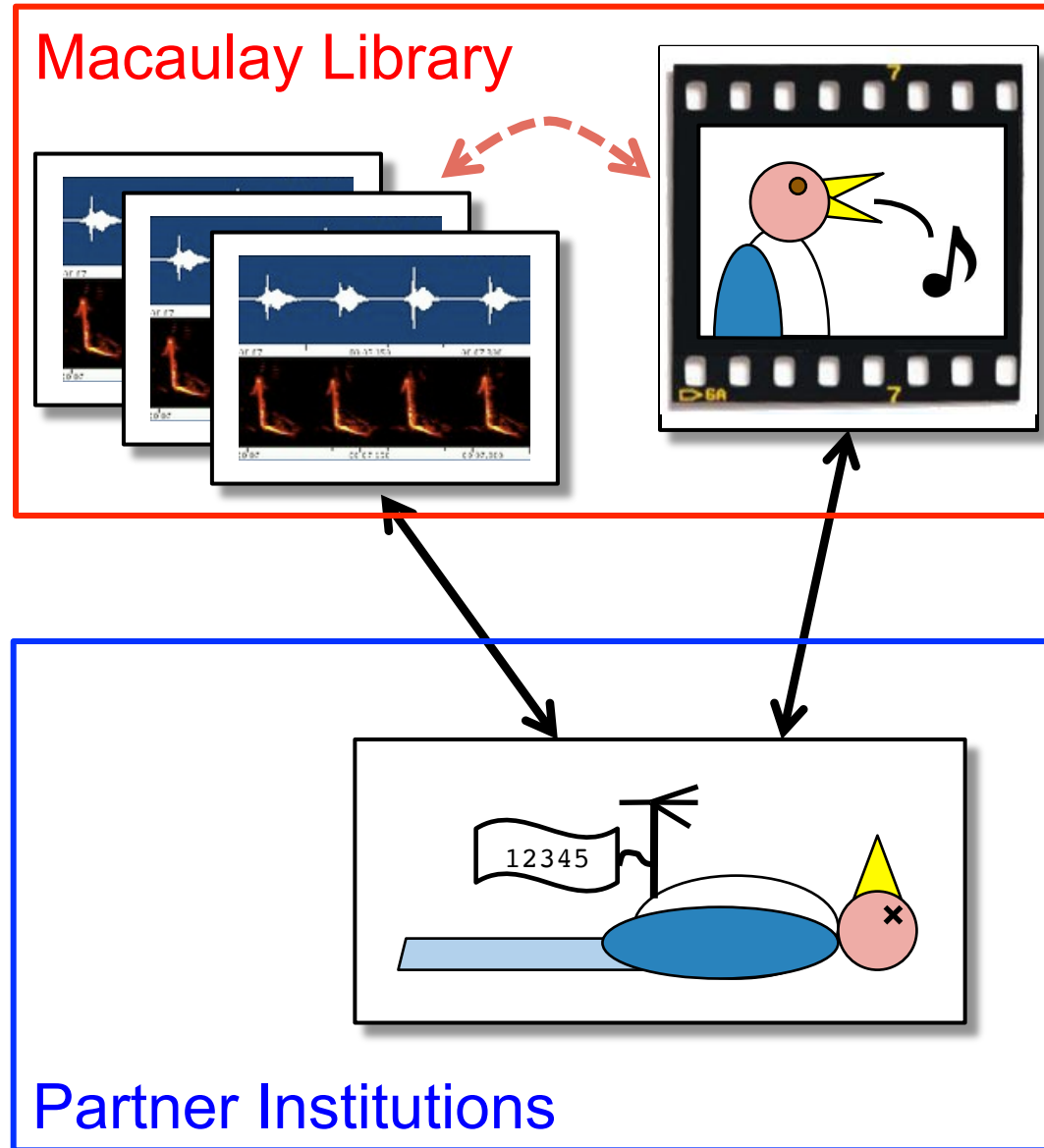
Connections across specimens/data



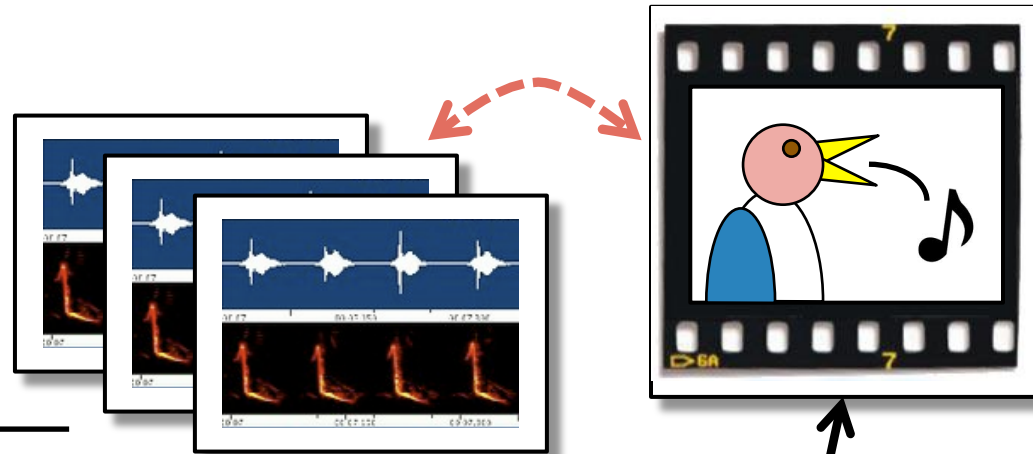
Digitization Progress to Date

Square peg, round hole

1. Digitizing for a while
2. Specialization (most digitizing at one site)
3. Connections across collections
4. Specimen/media connection is not 1-1



Digitization Progress to Date



Institution	# Digitized
Univ. of Kansas	10,750
Cal Academy	4,600
Smithsonian	2,750
LSU	17,700
TNHC	2,300
Yale	1,000
Museu Goeldi	400
TOTAL	39,500

← 3.5K with specimens

New Advanced Search

 Contributor

H C Gerhardt

 My Media

 0  2,565  0

Species Location Date More Filters



Recently Uploaded

Age

- Adult
- Immature
- Juvenile
- Unknown

Sex

- Male
- Female
- Unknown

Rating

- No Rating

Status

- Show Unconfirmed
- Only Unconfirmed

Request

- Requestable Media

Behaviors

- Foraging or Eating
- Flying
- Preening

Breeding

- Courtship, Display, or Copulation
- Feeding Young
- Carrying Food
- Carrying Fecal Sac
- Nest Building

Sounds

- Song
- Call
- Non-vocal
- Dawn Song
- Flight Song
- Flight Call
- Duet

Tags

- Environmental

eBird Checklist

ML Catalog Num

Specimen

- Specimen Collected

Specimen ID

Apply

Specimen ?

Specimen Collected

New Advanced Search

Contributor ▾

H C Gerhardt

Search

My Media

POWERED BY MACAULAY LIBRARY AND EBIRD

📷 0 🔊 1,958 📺 0 Species ▾ Location ▾ Date ▾ More Filters ▾



Best Quality ▾

H C Gerhardt ✕

Specimen Collected ✕

Clear Filters ✕

Save Spreadsheet



Gray Treefrog

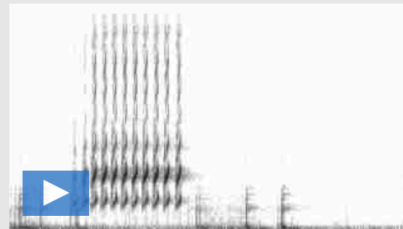
Dryophytes versicolor

★★★★★ 4 ratings

👤 H C Gerhardt

📅 16 May 1986

📍 3.7 km S of LaCledde County Line; Missouri State Route D near the junction of a gravel road D-993, Laclede, Missouri, United States



Gray Treefrog

Dryophytes versicolor

★★★★★ 4 ratings

👤 H C Gerhardt

📅 21 Jun 1973

📍 University of Missouri Ashland Wildlife Research Area, Boone, Missouri, United States



American Toad

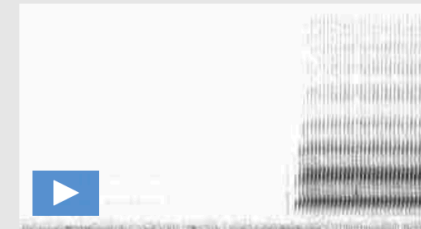
Anaxyrus americanus

★★★★★ 4 ratings

👤 H C Gerhardt

📅 19 Apr 1974

📍 University of Missouri Ashland Wildlife Research Area, Boone, Missouri, United States



Cope's Gray Treefrog

Dryophytes chrysoscelis

★★★★★ 4 ratings

👤 H C Gerhardt

📅 12 Apr 1974

📍 Mingo National Wildlife Refuge, Stoddard, Missouri, United States

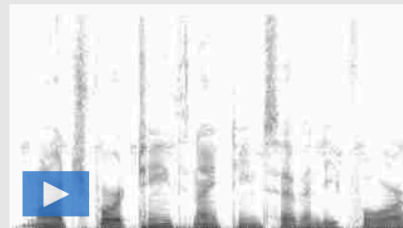


Carpenter Frog

Lithobates virgatipes

★★★★★ 4 ratings

👤 H C Gerhardt



Carpenter Frog

Lithobates virgatipes

★★★★★ 4 ratings

👤 H C Gerhardt

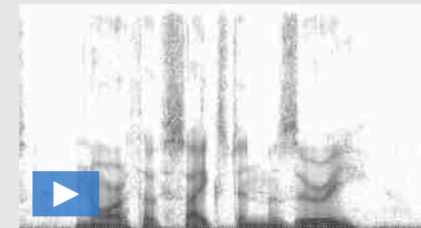


Gray Treefrog

Dryophytes versicolor

★★★★★ 4 ratings

👤 H C Gerhardt



Strecker's Chorus Frog

Pseudacris streckeri

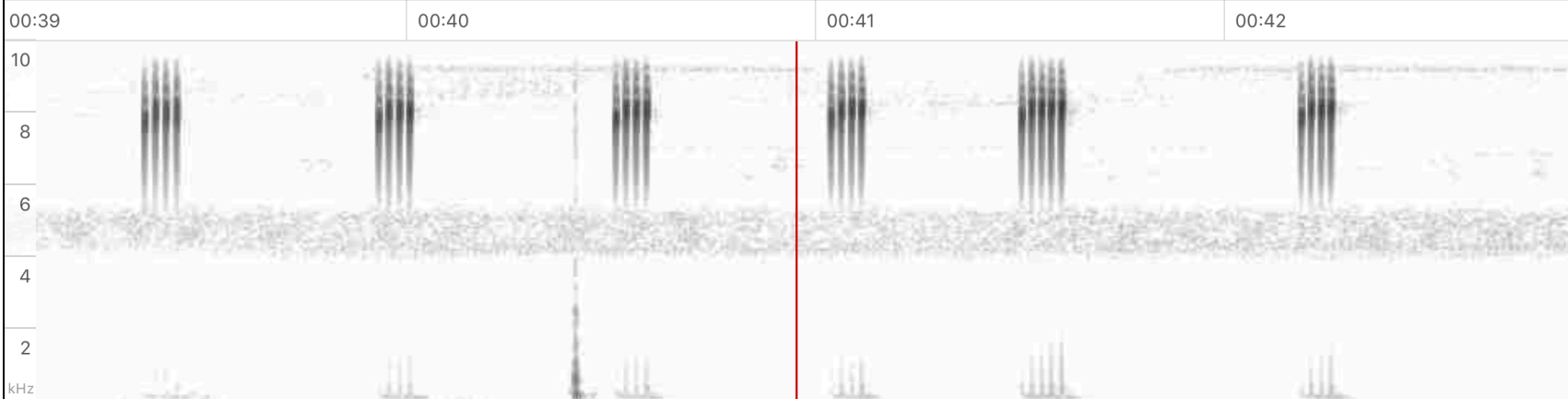
★★★★★ 4 ratings

👤 H C Gerhardt

New Specimen Pages

The Cornell Lab of Ornithology
Macaulay Library Menu ▾ Mike Webster (mike webster) ▾ Language ▾

Birds ▾ Enter species name



00:39 00:40 00:41 00:42

10
8
6
4
2
kHz

▶ 0:40 / 1:16 Macaulay Library

Hyperolius ocellatus

Hyperolius ocellatus | ML134098 ★★★★★ 4 ratings
[+ Rate quality...](#)

[Share](#) [Embed](#) [Add to request](#)

© **Rayna C. Bell**
[Search this contributor](#)

19 Oct 2009 10:38 PM

Ivindo National Park, Ipassa Station
Ogooué-Ivindo, Gabon
[Search this location](#) | [Illustrated Checklist](#)

Age and Sex Adult Male – 1

Sounds

Behaviors

Breeding

Playback Not Used

New Specimen Pages

Hyperolius ocellatus

Hyperolius ocellatus | ML134098

© **Rayna C. Bell**

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📅 **19 Oct 2009** 10:38 PM

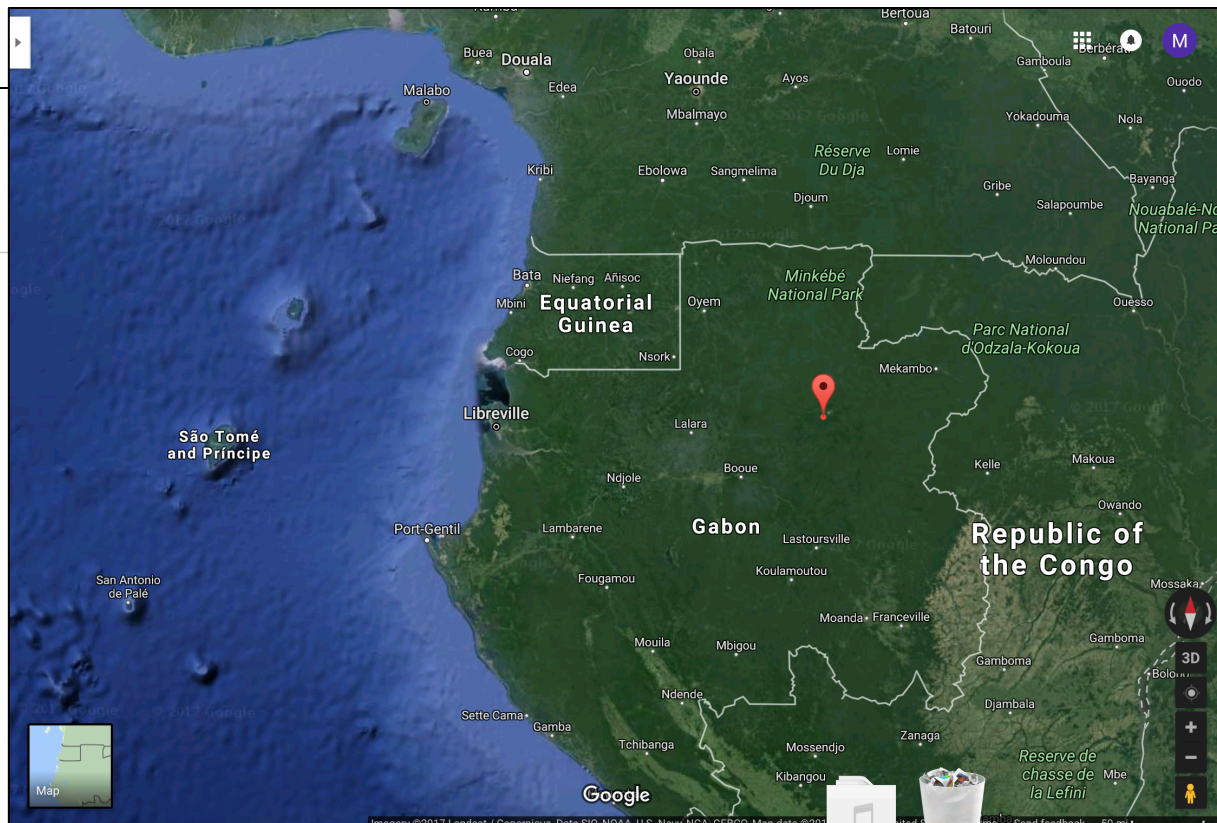
📍 **Ivindo National Park, Ipassa Station**

Ogooué-Ivindo, Gabon

[Search this location](#) | [Illustrated Checklist](#)



0.5162, 12.7946 [Map](#)



Stuart, Rayna C. Bell, Nicolas Lima. Tag: Equipment Notes.

Microphone: Rode NTG-2 condenser, shotgun microphone.

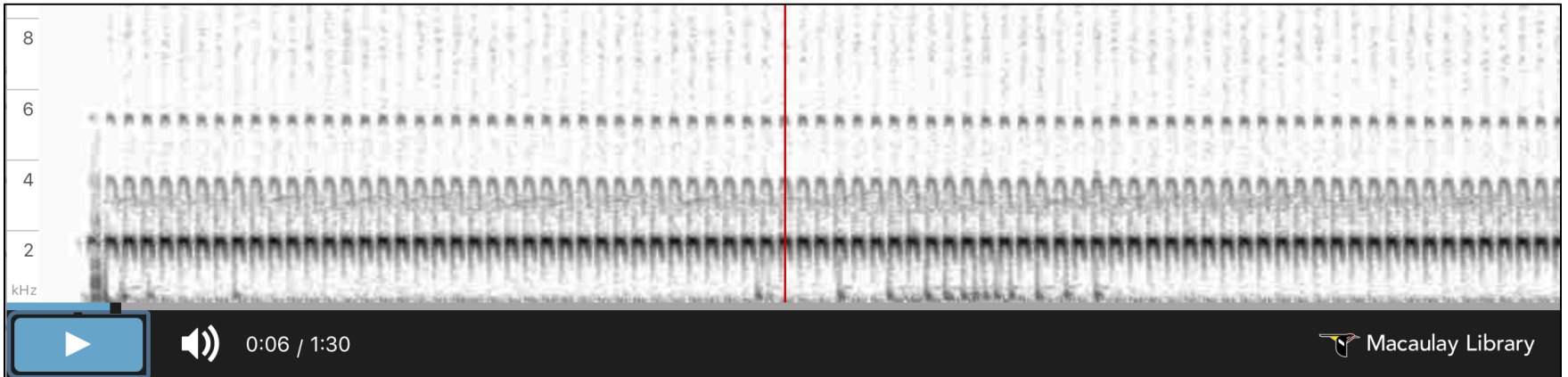
Technical Information

Recorder EDIROL R-09

Microphone

Accessories

New Specimen Pages



American Toad

Anaxyrus americanus | ML178997

★★★★★ 4 ratings

[+ Rate quality...](#)

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[Embed](#)

[Add to request](#)

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📅 **12 Mar 1968**

📍 **Nicholson**
Jackson, Georgia, United States
[Search this location](#) | [Illustrated Checklist](#)



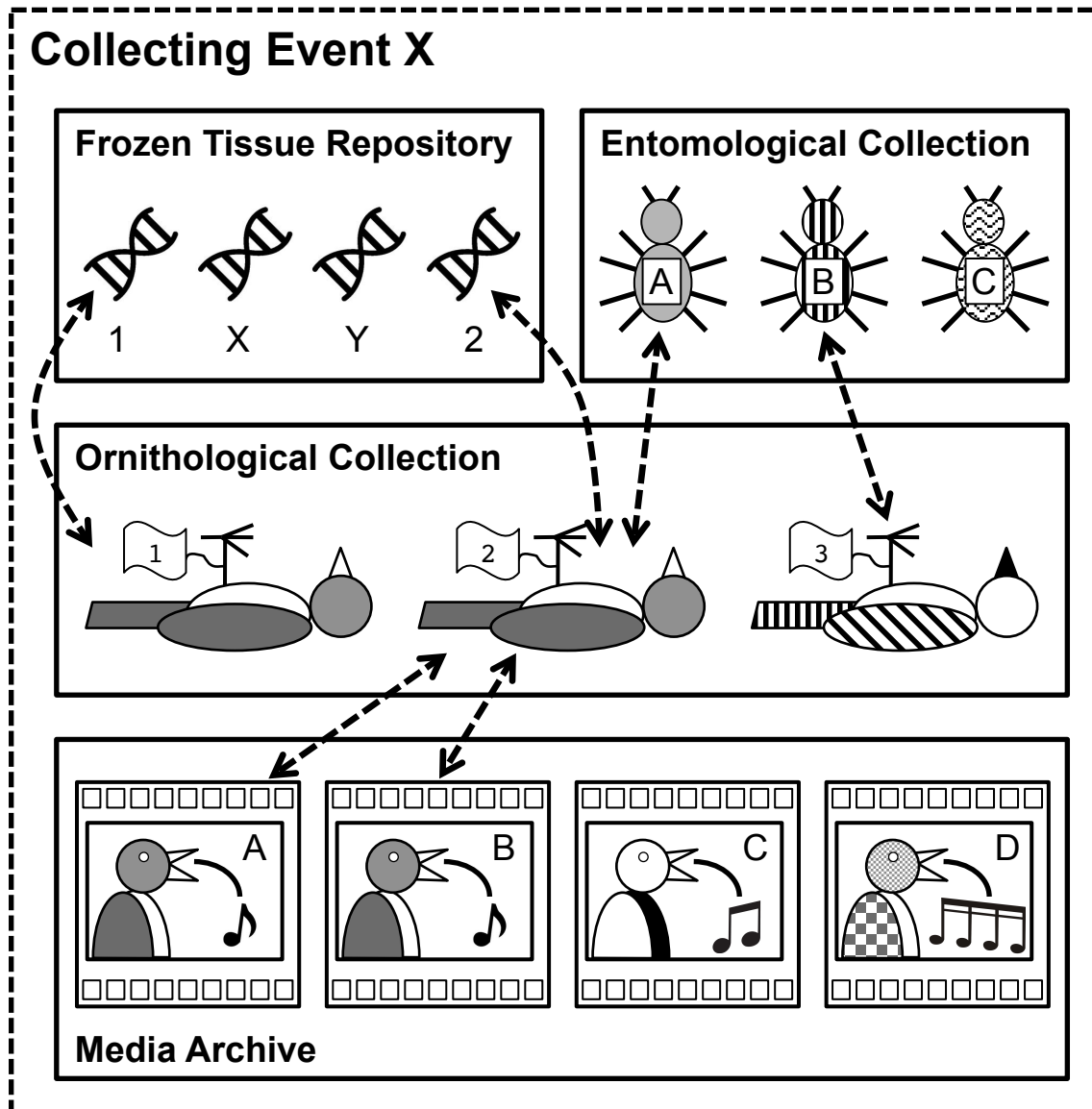
13,157 recordings with specimen not yet identified

Specimen Specimen Collected

Comments

ML NOTE: GPS point is not exact; it is estimated based on written data and recordist's announcement on tape. Cloacal Temperature: "approximately 13.0° to 13.3°C.

Connections across specimens/data



1. Specialization of collections
2. Specimens/data connected within & across collections
3. Strategic approaches to growing digital collections