



Sound Archiving Workshop

Fakultas Ilmu Sosial dan Ilmu Politik, Universitas Indonesia



J. Simonnot,

Aix Marseille Univ, CNRS, PRISM, Marseille, France

(Perception, Représentation, Image, Son Musique
laboratory)

28/06/2024



Plan

Introduction

Sound data on line

Decoseas project

Pratinada database

Training

• Introduction

- This Workshop is organized by Imam Ardianto, Hestu Prahara (Universitas Indonesia), Pierre Prouteau (Nanterre University) and Joséphine Simonnot (PRISM, CNRS).



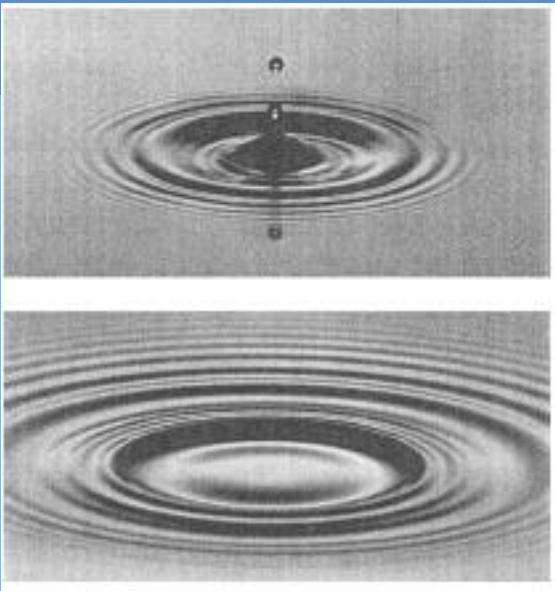
- Anthropological studies rarely make use of sound archives, despite their value as historical sources. The neglect arises from the absence of systematic documentation activities on the numerous recordings made by prior anthropologists/ethnomusicologists.
- In addition, researchers in ex-colonial state frequently encounter difficulties accessing record archives due to the closure of vital resources that have been created in Western countries with established archive infrastructure and institutions.

This session provide an introduction to the significance of sound archives in the field of anthropology and the activities of Pratinada, an archiving platform that has been developed as part of the Decolonizing Sound in Southeast Asia project (DECOSEAS).

- During this workshop, we will showcase the current progress of DECOSEAS in developing the **pratinada.net** database, which serves as a repository for sound archives from Southeast Asia.
- We introduce all the process of sound archiving, to understand why and how to manage this specific material for studies and research.



What is a Sound : Energy & mouvement



A wide range of media...



Magnetic wire



Cylinder



Magnetic tape

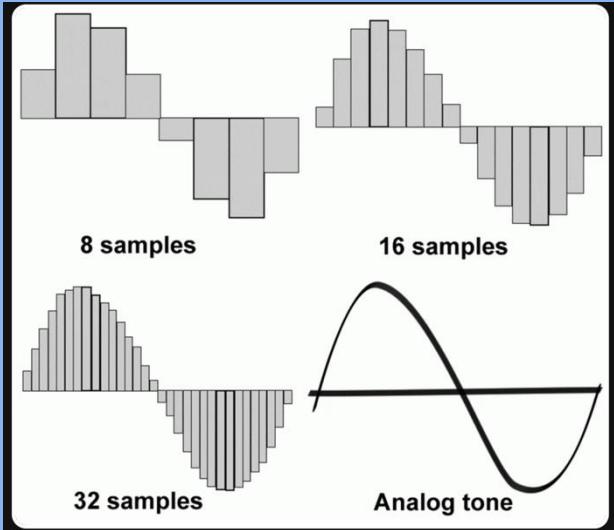


Lacquer disc, « Pyrals »



DAT

And digital format



Lorsque le codage s'effectue sur 2 bits, chaque bit pouvant prendre deux valeurs (« 0 » ou « 1 »), 2^2 valeurs seront stockées soit un pas de quantification de 2,5 V ($\frac{10}{4}$).

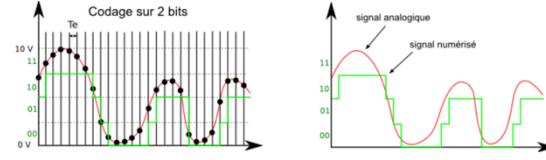


Figure 10. Signal analogique codé sur 2 bits

Dans cet exemple, le signal a une amplitude de 10 volts :

- 0 à 2,5 V, le code sera « 00 »
- 2,5 à 5 V, le code sera « 01 »
- 5 V à 7,5 V, le code sera « 10 »
- 7,5 V à 10 V, le code sera « 11 »

Plus le nombre de bits sera important et meilleure sera la précision, mais plus le signal occupera de mémoire !

Voici deux exemples de codage sur 3 et 4 bits à fréquence d'échantillonage fixe.

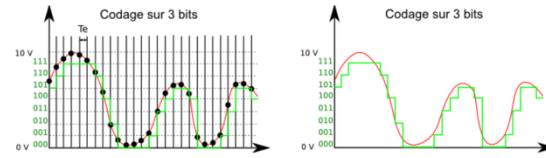


Figure 11. Signal analogique codé sur 3 bits

Sampling: 44,1kHz, 48kHz, ...

Resolution : 8 bits, 16 bits, 24 bits, ...

And digital format

AIFF (Audio Interchange File Format): Apple audio format

WAV (WAVEform audio file format): Windows format

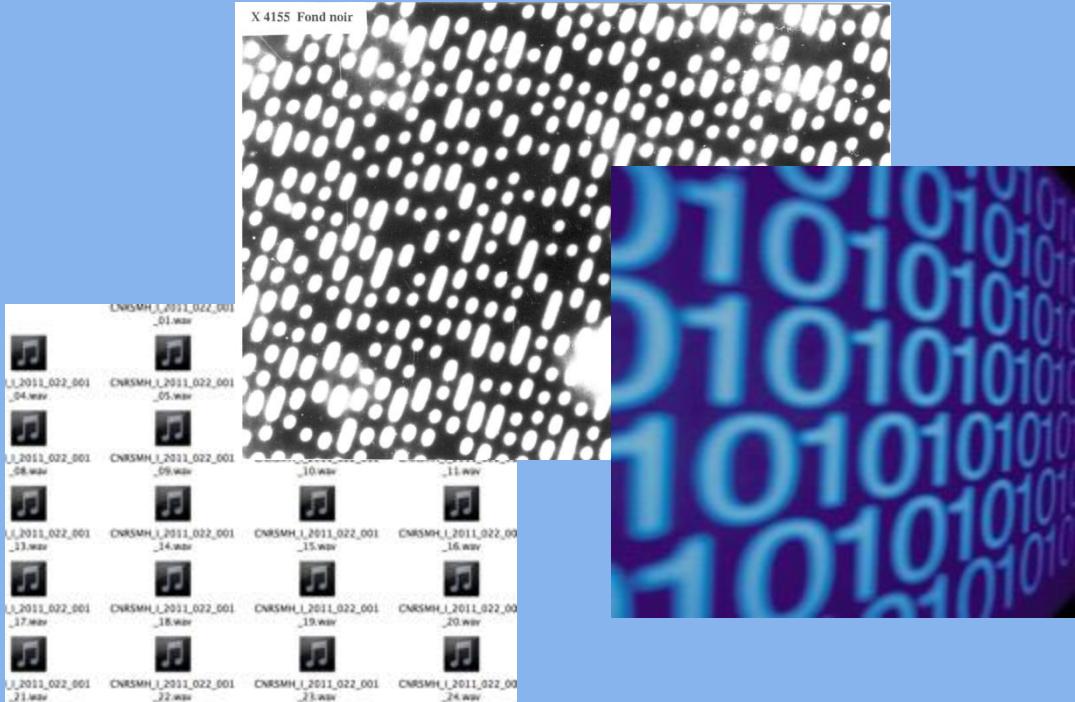
MP3 (MPEG-1/2 Audio Layer 3): Compressed format under licence

OGG: Compressed format, open source

FLAC : Compressed format without loss of quality, open source

- Tracks (1 = mono, 2 = stereo, 4 = quadraphonia, 5.1, ...)
- Synchronizing Clock (internal or external)

How to access to sounds and metadata?



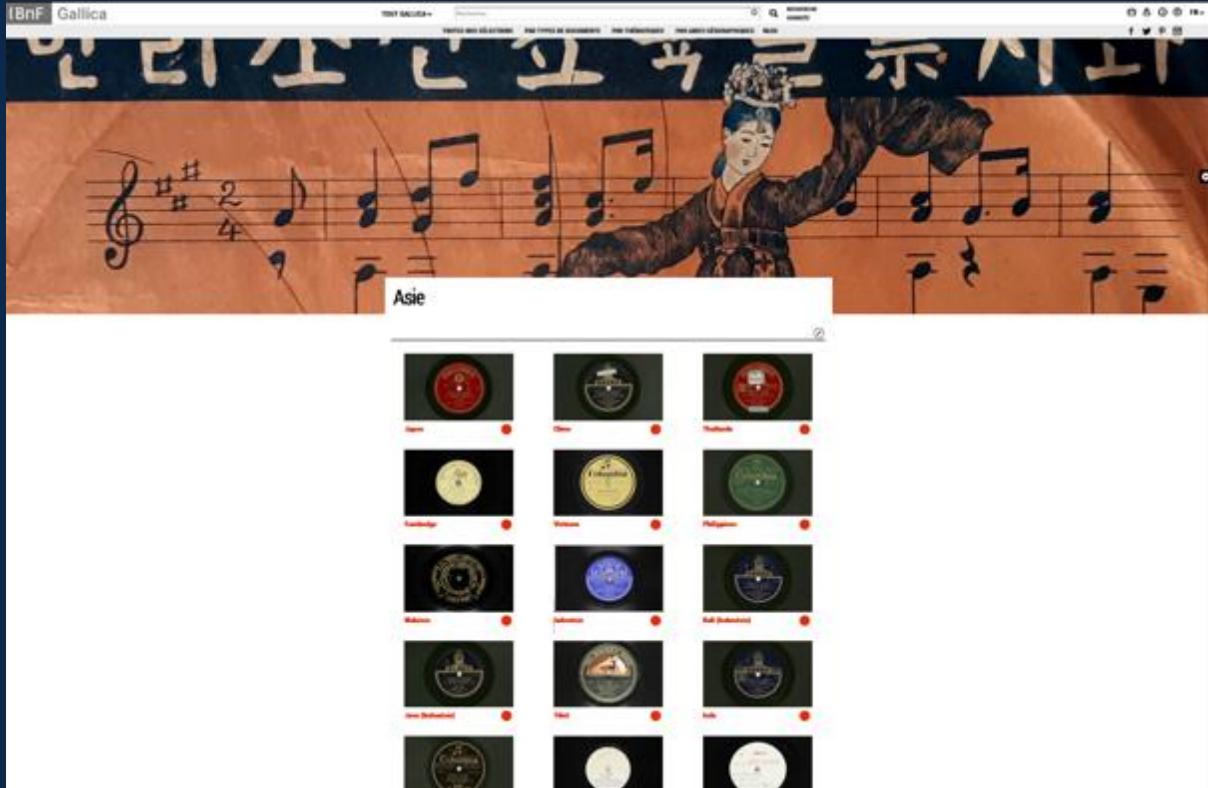
???

How manage the workflow?

- Sound data on line



Sound data on line : Gallica



Sound data on line : Gallica

(BnF) Gallica

TOUT GALICA Rechercher... RECHERCHE AVANÇÉE

TOUTES NOS SÉLECTIONS PAR TYPES DE DOCUMENTS PAR THÉMATIQUES PAR AÎRES GÉOGRAPHIQUES BLOG

f t p

Langendrian : fragment uit de lakon : "De dood van menakajingga" / beg. Gamelan Kjahi Kanjoet Mèsem ; Djakem en samijem (Hofzangerezen) ; als Menakdjingga en ..

SYNTHÈSE >
EN SAVOIR PLUS >
PLAIES >

Disque 1 : Langendrian V et VI-fragment Uit de Lakon : De dood van menakajingga
Face A : Langendrian V-fragment Uit de Lakon : De dood van menakajingga
+ Page 1 : durée= 00:02:39
Face B : Langendrian VI-fragment Uit de Lakon : De dood van menakajingga
+ Page 1 : durée= 00:03:03

Disque 2 : Langendrian V et VI-fragment Uit de Lakon : De dood van menakajingga
Face X : Langendrian VII-fragment Uit de Lakon : De dood van menakajingga
+ Page 1 : durée= 00:03:05
Face B : Langendrian VIII-fragment Uit de Lakon : De dood van menakajingga
+ Page 1 : durée= 00:03:04

A DÉCOUVRIR >
Sujets similaires
musique tradition...

Plage 1

Disque 1 : Langendrian V et VI-fragment Uit de Lakon : De dood van menakajingga

00:00:00 / 00:02:39

Plage 1 : durée= 00:02:39

Télécharger les éléments



Sound data on line : Archive.org

INTERNET ARCHIVE

WEB BOOKS VIDEO AUDIO SOFTWARE IMAGES

SIGN UP | LOG IN UPLOAD Search

ABOUT BLOG PROJECTS HELP DONATE CONTACT JOBS VOLUNTEER PEOPLE

Share RSS Play All

78 RPMs and Cylinder Recordings

The Great 78 Project! Listen to this collection of 78rpm records, cylinder recordings, and other recordings from the early 20th century. These recordings were contributed to the Archive by users through the [Open Source Audio](#) collection. Also the Internet Archive has [digitized many](#).

More...

COLLECTION FORUM (1034) ABOUT

indonesia

Search metadata
 Search text contents

Advanced Search

Sort by: Relevance Weekly views Title Date published Creator

Part Of

Music, Arts & Culture
Audio Archive

Media Type

audio 14

Year

1964 1
 1957 2
 1936 1

Subject

78rpm 14
 Popular Music 5
 Folk 2
 Choral 2

INDONESIA by FREDDY BALTA et son Ensemble Musette

Advertencia by Trio Los Panchos

DJANGER by Representatives of the Democratic Youth of Indonesia

TERANG BOELAN by Miss NINJA dan VICTOR TOBING

TRUE LOVE by MIEKE TELKAMP

<https://archive.org/details/78rpm>



Sound data on line : Archive.org

INTERNET ARCHIVE

WEB BOOKS VIDEO AUDIO SOFTWARE IMAGES

ABOUT BLOG PROJECTS HELP DONATE CONTACT JOBS VOLUNTEER PEOPLE

SIGN UP | LOG IN UPLOAD Search

Play from Player Webamp

0:30 / 03:20

1 TERANG BOELAN 03:20



TERANG BOELAN

by Miss NINJA dan VICTOR TOBING; Hawaiian orkest "Sweet Java Islanders"
Columbia (DB.30192)

Publication date 1936
Topics 78rpm, Hawaiian
Contributor Internet Archive
Language Indonesian

Performer: Miss NINJA dan VICTOR TOBING; Hawaiian orkest "Sweet Java Islanders"
Digitized at 78 revolutions per minute. Four stylus were used to transfer this record. They are 3.5mil.

200 Views
2 Favorites
2 Reviews

<https://archive.org/details/78rpm>



Liberté • Égalité • Fraternité
République Française

Ministère
Culture



Sound data on line :
<https://archives.crem-cnrs.fr/>



Sound data on line :
<https://archives.crem-cnrs.fr/>

I present my experience to preserve, manage and disseminate a cultural heritage :
Les Archives Sonores du CNRS-Musée de l'Homme, France
Because to keep alive this common world heritage, it must be accessible by the specialists
and also shared with a large community of users to be enriched for the future generations.

Those archives are supported by the French National Research Center (CNRS),
the National Museum of Natural History, the Paris 10 University and the Culture Ministry.



Sound data on line :

<https://archives.crem-cnrs.fr/>

The screenshot shows the CREM (Centre de Recherche en Ethnomusicologie) website's search interface. At the top, there is a navigation bar with links to Home, Archives, Geo Navigator, Advanced search, Terminology, and a search bar. On the right side of the header, there are buttons for Help, Sign In, and English language selection. Below the header, the page title is "Search Results". A sidebar on the left contains sections for "Filters" and "Other Filters". The main content area displays a list of search results, each with a thumbnail, title, depositor, recording period, and code. The results are paginated at the bottom.

Items (117) | Collections (18) | Corpus (0) | Fonds (0)

results per page: 20

Filters

| Item Status | Published 117 | Unpublished 0 |
|---------------|---------------|---------------|
| Player Status | Sound 117 | 0 |
| Access Right | viewable 117 | 0 |

Other Filters

selected filters: Published + viewable

| Title | Digitized by | Depositor / contributeur | Recorded # | Recording period # | Code |
|---|--------------|--|-------------|--------------------|------------------------|
| Musique Dayak, Bornéo [Kalimantan] - [Sème édition] | 41 | Incott, Pierre ; Martin, André | 1953 - 1954 | | CNRISMH_E_1972_010_001 |
| Musiques enclaves de Bali, "Semer Pegulingan - Gembuh" | 41 | Marché, François-Bernard | 1972 | | CNRISMH_E_1984_002_001 |
| Instruments de musique du monde | 41 | Doumouss, Geneviève; Schwarz, Jean | 1990 | | CNRISMH_E_1990_151_001 |
| [Indonésie - copie de disque 78 tours] | 41 | Bratholz, Constantine [Répособр] ; ORTF [Mémoiraine] | 1930 | | CNRISMH_E_1930_151_001 |
| Borneo. Drame musical Indonésie | 41 | Berthe, Louis | 1962 - 1968 | | CNRISMH_E_1971_003_001 |
| Musik des Orients [12 disques] | 41 | Hombostel, Erich Moritz von | 1932 - 1938 | | CNRISMH_E_1932_006_001 |
| Emission de France Musique, Radio France, "La métamorphose en chantant pluricellulière d'Indonésie" | 41 | Rappaport, Dina | 1982 - 2014 | | CNRISMH_E_2015_011_001 |
| Bornéo - musique des chasseurs de têtes [Tête édition] | 41 | Incott, Pierre, Martin, André | 1953 - 1954 | | CNRISMH_E_1956_012_001 |
| Musique et Anthropologie [Disque encastré], revue L'Homme, n°171-172, 1994 | 41 | Loriot-Jacobs, Bernard ; Rosing Olsen, Miriam (contributeur) | 1944 - 2002 | | CNRISMH_E_2004_017_001 |
| Bali | 41 | Incott, Pierre | 1953 | | CNRISMH_E_1960_010_001 |
| Gamelans de Bali - Musique des dieux, musique des hommes | 41 | Berthe, Louis | | | CNRISMH_E_1965_007_001 |
| [Indonésie - copie de disque 78 tours] | 41 | Bratholz, Constantine [Répособр] ; ORTF [Mémoiraine] | 1935 | | CNRISMH_E_1965_017_001 |
| [Indonésie - copie de disque 78 tours] | 41 | Bratholz, Constantine [Répособр] ; ORTF [Mémoiraine] | 1932 | | CNRISMH_E_1965_148_001 |
| Les voix du monde, une anthologie des expressions vocales | 41 | Zemig, H.; Loriot-Jacobs, B.; Leïthaud, G. (conception et réalisation) | 1939 - 1995 | | CNRISMH_E_1996_013_001 |
| Les danses du monde | 41 | Zemig, Hugo et al. | 1952 - 1998 | | CNRISMH_E_1996_017_001 |
| CD Indonésie : Trance, Funérailles et Têtes de Nécrophiles | 41 | Rappaport, Dina | 1981 - 1994 | | CNRISMH_E_1995_018_001 |
| [Die Wechselseitigkeit des Berliner Phonogramm-Archivs [Disque encastré]] | 41 | Ziegler, Susanne | 1989 - 1994 | | CNRISMH_E_2006_010_001 |
| [Indonésie - copie de disque 78 tours] | 41 | Bratholz, Constantine [Répособр] ; ORTF [Mémoiraine] | 1938 | | CNRISMH_E_1960_180_001 |
| [Indonésie - copie de disque 78 tours] | 41 | Bratholz, Constantine [Répособр] ; ORTF [Mémoiraine] | 1939 | | CNRISMH_E_1960_182_001 |

6550 digitized sound files



Ministère
Culture



Sound annotation tool

CREM
Centre de Recherche
en Ethnomusicologie

Recherche

Bienvenue, Joséphine Simonot | Profil | Aide | Déconnexion

Bureau Archives Géo-Navigateur Recherche avancée Utilisateurs Admin

Item : Air d'un opéra de Pékin :02-09

Editor Copier Ajouter à la liste Précédent Suivant

00:00 00:05 00:10 00:15 00:20 00:24 00:25 00:30 00:35 00:40 00:45 00:50 00:55 01:00 01:05 01:10 01:15 01:20 01:25 01:30 01:35 01:40

Spectrogram

00:00 00:17 Voix
Rôle interprété par un homme en voix de fausset, pas d'accompagnement instrumental, sauf le gong //
auteur: a.gouzowski

00:34.56 Partie instrumentale

00:55.70 Chant et instruments
Le chant de l'homme en voix de fausset rejoint les instruments.
auteur: a.gouzowski

Téléchargement: WAV MP3 WMA

Titre Air d'un opéra de Pékin
Collecteur Central People's Broad Casting Station of China
Collection CNRSMH_E_1996_013_001
Date d'enregistrement 1 janvier 1962 - 31 décembre 1962
Dernière modification 24 mai 2013 11:54:32 (a.gouzowski)

Indications géographiques et culturelles

Lieu Chine, Asie orientale, Asie
Précisions lieu Pékin, Beijing
Population / groupe social Han
Contexte ethnographique CD II - Techniques (suite) : Voix travesties.

"Opéra de Pékin, jingxi/Pingju. Titre de l'opéra : "Printemps dans le Hall de Jade" (Yutangchun). Air de Susan chanté par Zhang Junqiu. Instruments d'accompagnement : vièle à deux cordes (huqin), luth à trois cordes (sanxian) et quatre cordes (yueqin), hautbois (suona), flûte traversière à mirliton (dizi), orgue à bouche (sheng), claquoir (paiban), tambours (danpigu, tanggu), gongs (daluo et xiaolu), cymbales (bo et hao). Le rôle principal féminin est traditionnellement interprété par un homme qui chante avec une voix de fausset, jiaosheng. Outre les "formes mélodiques liées" (lianqu) qui l'apparaissent à l'opéra Kunqu, ce théâtre présente la particularité de "formes modulaires rythmées" (banqiangti), avec des variations sur un thème. Les paroles chantées s'organisent en stances longues et courtes, le plus souvent en versets de sept à dix syllabes/caractères, où l'air suit les tons de la langue et l'articulation des vers. L'échelle suit le modèle pentatonique de la Chine du Sud et utilise aussi le modèle heptatonique plus courant dans le Nord pour l'ornementation mélodique. Ici, l'héroïne, Susan, condamnée à mort, plaide sa cause devant le juge qui n'est autre que son ancien fiancé Wang Jialun."

"Peking Opera, jingxi/Pingju. Opera title : "Springtime in the gall of Jade" (Yutangchun). Air for Susan, sung by Zhang Junqiu. Accompanying instruments : two- string ddle (huqin) ; lutes, three-string (sanxian) and four-string (yueqin) ; oboe (suona) ; transverse flute with mirliton (dizi) ; mouth-organ (sheng) ; clappers (paiban) ; drums (danpigu, tanggu) ; gongs (daluo and xiaolu) ; cymbals (bo and hao). The principal feminine rôle is traditionally performed by a man singing in falsetto jiaosheng. Besides the "connected melodic forms (lianqu) which appear at the Kunqu opera, this theatre has the specialty of "rhythmic modal forms" (banqiangti), with variations on a theme. The sung words are organised in short and long stanzas, most often in verses of seven to ten syllables, where the tune follows the tones of the language and the articulation of the verses. The scale follows the pentatonic model of South China, and also uses the more current seven-tone model of the North, for the melodic ornamentation. Here, the heroine, Susan, condemned to death, pleads her case before the Judge, who is none other than her former fiancé Wang Jialun."

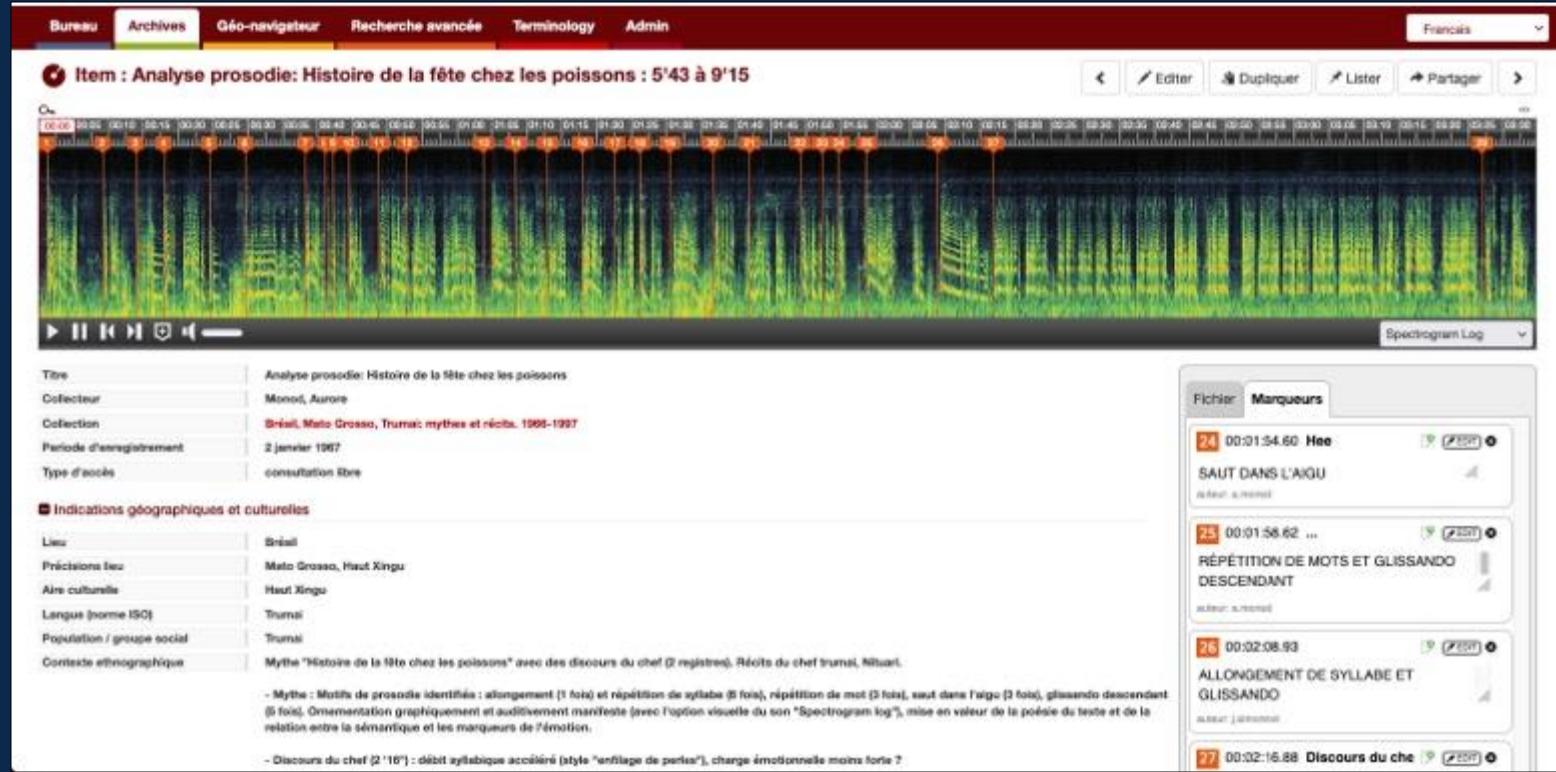
Lucie Rault-Leyrat, cf; p.43 du livret

Informations sur la musique

https://archives.crem-cnrs.fr/archives/items/CNRSMH_E_1996_013_001_002_009/

Prosodic Annotations, trumai ritual

Brésil (1967-2019)





Embedded player

Searcher website, Berbere Tale, Korandjé
(Algérie, 1950)



FRIDAY, MARCH 07, 2014

قصة بلالية - Korandjé tale (Conte en korandjé)

In the early 1950s, the French anthropologist Dominique Champault made a number of sound recordings in Tabelbala. Champault's recordings have recently been made available online by the Centre de Recherche en Musicologie, through Cécile Funke's archival work. Many are in Arabic or French, but the Korandjé ones are an irreplaceable resource for the study of the language; in her time, the language was under rather less pressure and verbal arts were in much better health.

One of the easiest recordings for me – the sound quality is good, and the language simple – is a short folk tale about a cat, narrated by Zohra Adda (70-01):



Like "the house that Jack built", this cumulative tale helps children learn to understand recursive causation. There are a few dialectal or idiolectal differences from the Korandjé I've heard, minor but striking to my ears. Following Marijn van Putten's example, I'll put it up here – comments very welcome! Etymology is marked by colour: yellow for Arabic, blue for Berber, and unmarked for Songhay.

عجاچانیس عسکانیسی: - حاجینک ما جینک

sa-yhaža=ni.s fa-s-kka-t=n.i.si:

1Sg=tell=2Sg.to 1Sg-not-come-hither=2Sg.to

I have told you, I haven't come to you (ie "Once upon a time"):

Je t'ai raconté, je ne suis pas venu à toi (c'est à dire "Il était une fois") :

Comments: This is an alarmingly literal translation of the widespread



التراث الموسيقي | Fonds : Musiques des régions tunisiennes

بالجهات التونسية



| |
|-------------------------|
| العنوان |
| وصف |
| المعرف |
| الدالة الزمنية المتوفرة |

Musiques des régions tunisiennes | التراث الموسيقي بالجهات التونسية

Enregistrements inédits, réalisés lors de collectes sur terrain dans les différentes régions tunisiennes

cmam_inedit_terrain

04:56:44

Corpus

| المعرف | العنوان | مرقم | الوصف | العنوان |
|--------------------|---------|------|-------|---|
| illes_tunisiennes | | | ▶ | التراث الموسيقي بالجزر التونسية Traditions musicales des îles tunisiennes |
| sud_est_tunisien | | | ▶ | الجمع العيداني بالجنوب الشرقي التونسي Sud-Est tunisien : collecte sur terrain |
| sud_ouest_tunisien | | | ▶ | الجمع العيداني بالجنوب الغربي التونسي Sud-Ouest tunisien : collecte sur terrain |

Dublin Core 

- **Sound archives**
- **And research**



Musical Scale Analysis

Bureau Archives Géo-navigateur Recherche avancée Terminology Admin

Item : Berceuse _Disque 165_Face A

00:00 00:05 00:10 00:15 00:20 00:25 00:30 00:35 00:40 00:45 00:50 00:55 01:00 01:05 01:10

Titre Berceuse
Collecteur Rouget, Gilbert ; Didier, André
Collection Mission Ogooué-Congo, 1946 [disques à gravure directe originaux]
Période d'enregistrement 16 septembre 1946 - 16 septembre 1946
Type d'accès consultation libre

Indications géographiques et culturelles

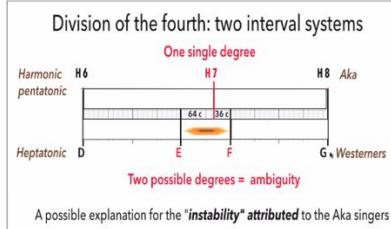
Lieu Ouesso
Précisions lieu Gatongo
Population / groupe social Pygmée babinza babenzele
Contexte ethnographique Berceuse
Mots-clés

2018 - ANALYSE D'UN CHANT SOLO

2018 - Découverte d'un chant solo* dans les archives du CREM (une berceuse) enregistrée by G. Rouget en 1946** chez les Ba-Benzélé (sous-groupe Aka dans l'est de la république Centrafricaine).

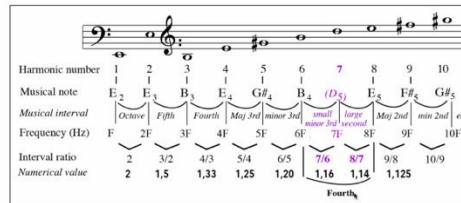
Un malentendu subsiste depuis le début des recherches musicales sur l'échelle de la musique Aka

- By ear, the two intervals forming the fourth are well identified, although they seem a bit ‘wrong’ (too small, or too big)..



49

Harmonic series + H7



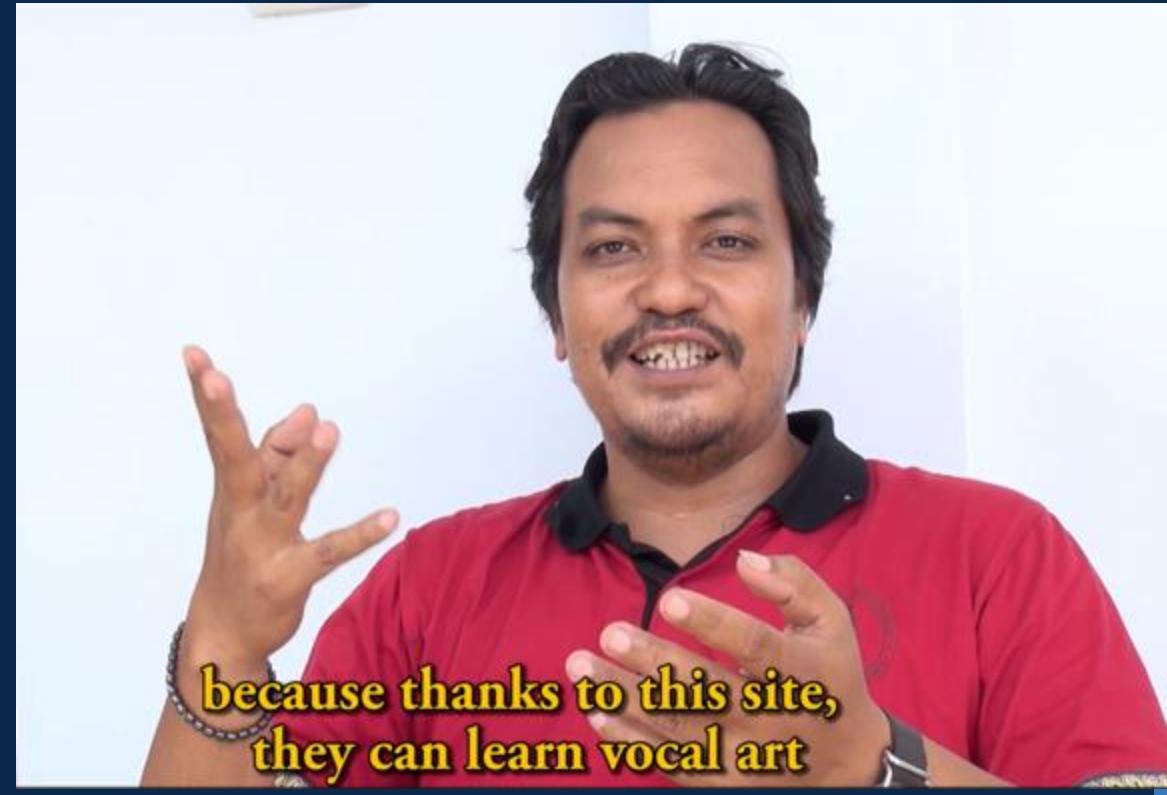
The new intervals : 7/6 and 8/7 matches the numerical values 1.14 and 1.16

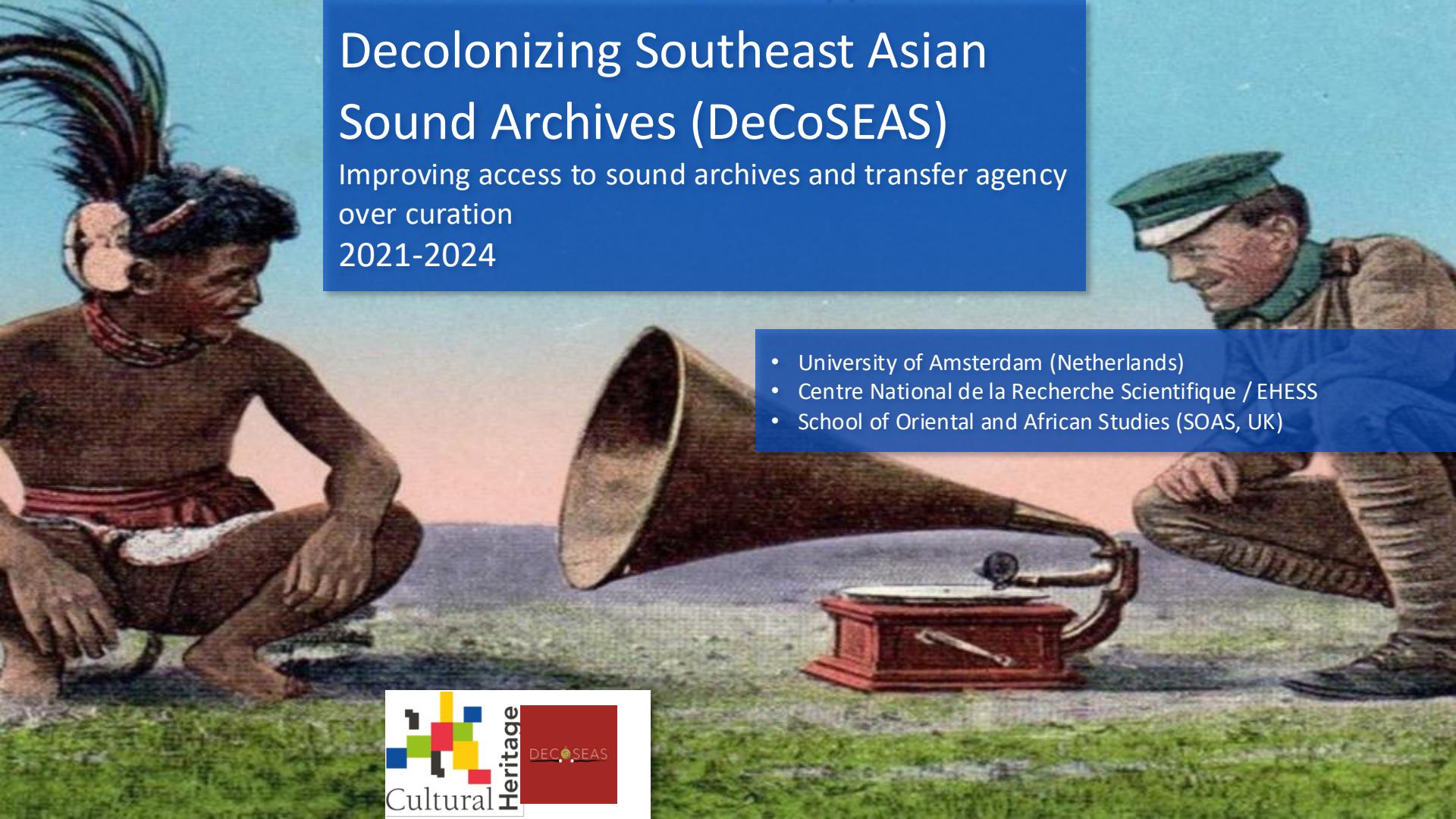
10

Heritage Restitution

Marsel Lembang interview
about the importance of access
to the archives from Toraja (funeral ritual)

Indonesia, Sulawesi, Toraja people





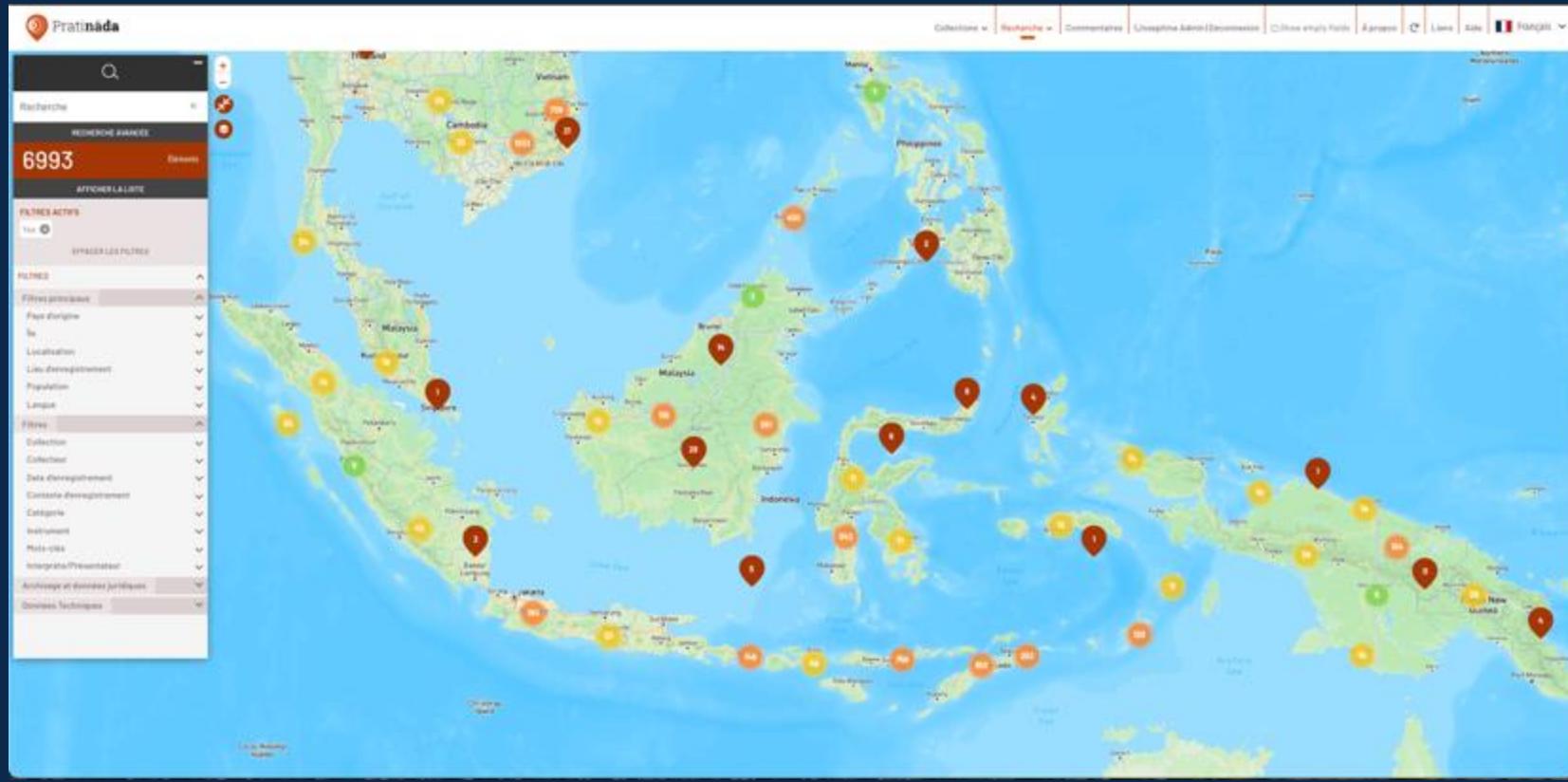
Decolonizing Southeast Asian Sound Archives (DeCoSEAS)

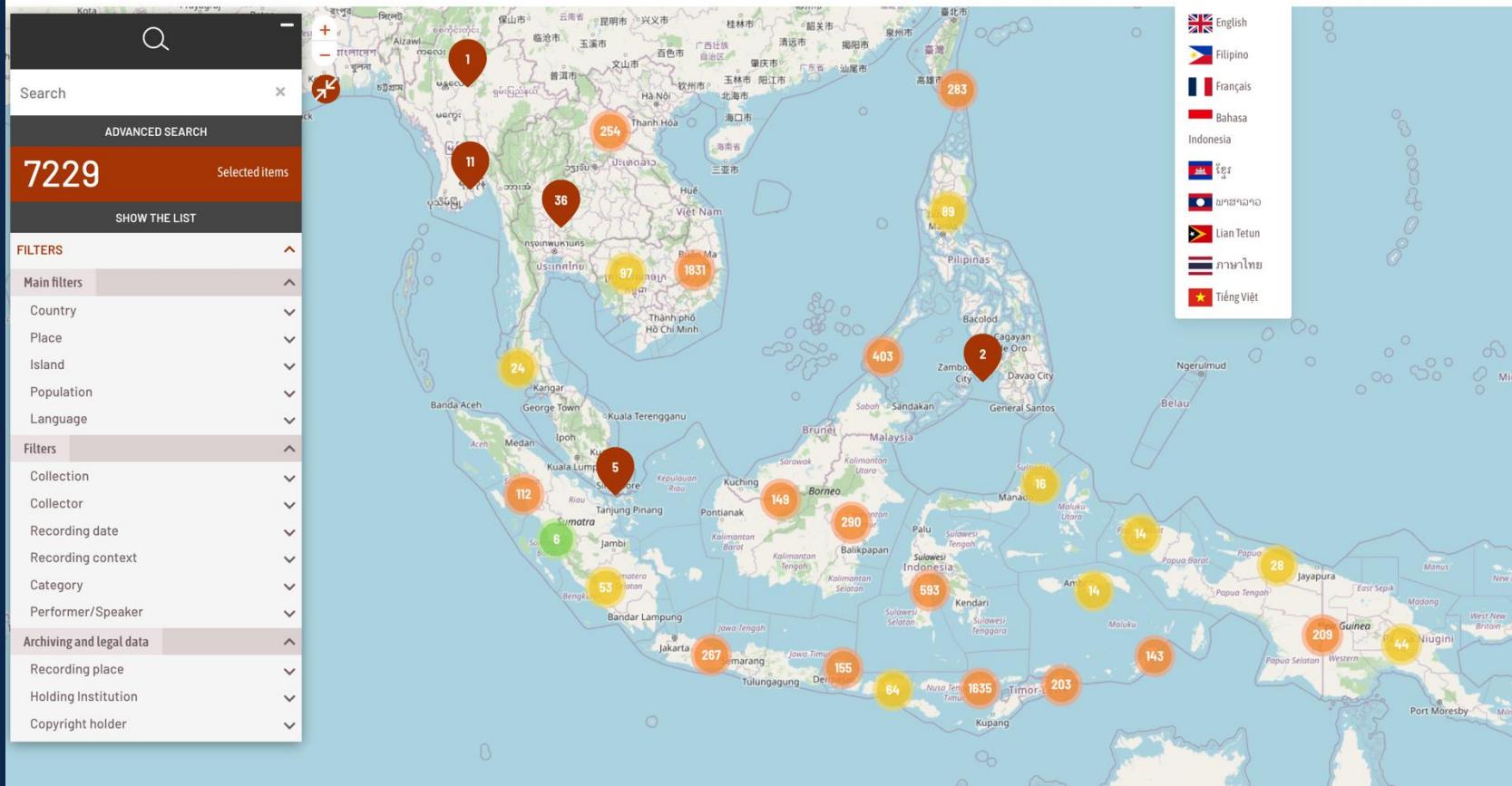
Improving access to sound archives and transfer agency
over curation

2021-2024

- University of Amsterdam (Netherlands)
- Centre National de la Recherche Scientifique / EHESS
- School of Oriental and African Studies (SOAS, UK)







Pratinada

Search

ADVANCED SEARCH

7230 Selected items

SHOW THE LIST

ACTIVE FILTERS

FILTERS

Main filters

- Country
- Island
- Place
- Population
- Language

Filters

- Collection
- Collector
- Recording date
- Recording context
- Archiving and legal data
- Technical data

1
11
36
103
283
403
2

2 Mindanao

Male Solo Singing Accompanied by a Xylophone

Lute solo

Title: Lute solo

Recording date: 1976

Place: Mindanao

Population: Magindanao

Collector: Nicole Revel

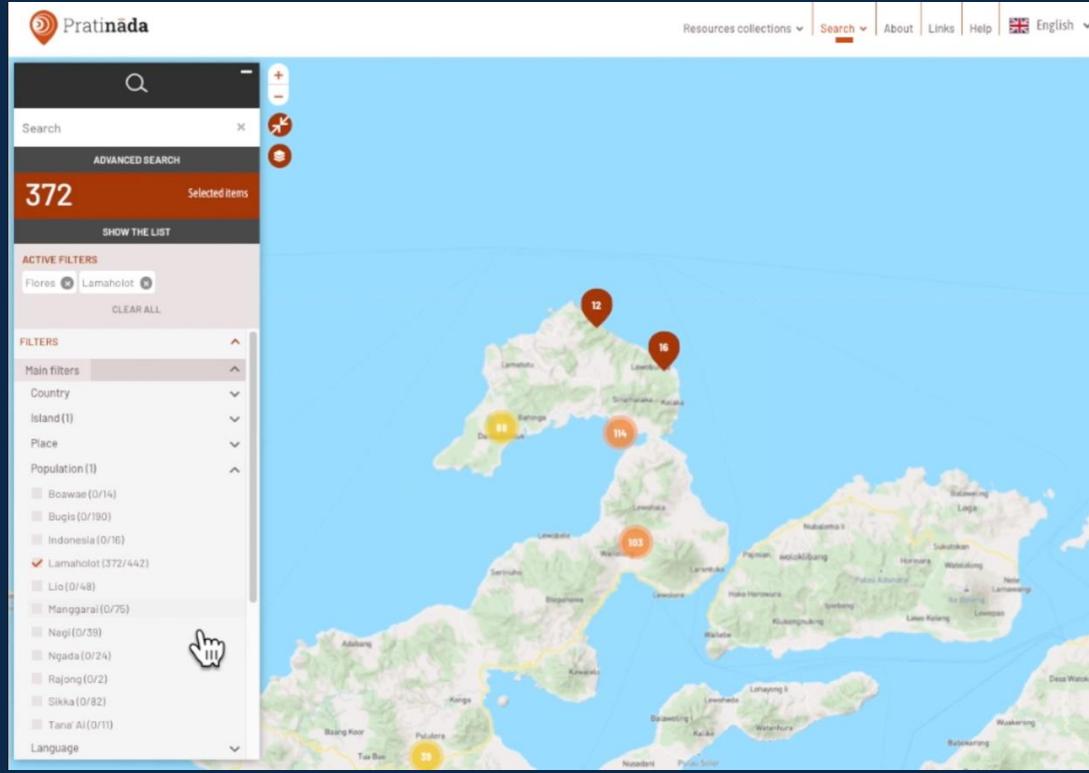
Instrument: Lute

Waveform spectral

Advanced Player

https://pratinada.net

Pratinada : research filters



<https://pratinada.net>

Pratinada tutorial :

<https://sharedocs.huma-num.fr/wl/?id=qpnfpzqysAqkt9MVGzi80T3RT2VrW0eI>



Metadata model

<https://pratinada.net/help>

- Title
- Vernacular Title
- Description
- Performer/Speaker
- Creator
- Location
- Island
- Date
- Population name
- Collector name
- Collection name
- Recording context
- Intellectual property
- ...



Specific template and vocabulary

<https://omekas.seasia-hearing.org/admin/resource-template>

<https://omekas.seasia-hearing.org/admin/custom-vocab>

<https://omeka.org/s/docs/user-manual/>

Selamat Datang !

Terserah kamu...

<https://omekas.seasia-hearing.org/>

