Engaging digital heritage with source communities:

The Pacific and Regional Archive for Digital Sources in Endangered Cultures (PARADISEC)

Nick Thieberger

School of Languages and Linguistics, The University of Melbourne, Pacific and Regional Archive for Digital Sources in Endangered Cultures (PARADISEC)

PARBICA Conference, 5th September 2017, Fiji



PARADISEC acknowledges and pays respect to the Gadigal people of the Eora Nation, the Ngunawal and the Woiwurrung.

"Today audiovisual archives associations estimate the time window still open for the transfer of dedicated analogue and digital carriers into digital repositories to be not more than just 20 years."

Schüller, Dietrich. 2008. Audiovisual research collections and their preservation Amsterdam: European Commission on Preservation and Access. (p.5)

Pacific and Regional Archive for Digital Sources in Endangered Cultures (PARADISEC)

Collaborative digital research resource set up by University of Sydney, University of Melbourne & Australian National University, 2003 with the aim of preserving ethnographic (language, oral history, music) recordings made since the 1950s.













funding from Australian Research Council LIEF Scheme (2003-5), Grangenet (2005-6), APSR (2006-7), LIEF (2011), ARC Centre of Excellence for the Dynamics of Language (2014-2021)



Pacific and Regional Archive for Digital Sources in Endangered Cultures (PARADISEC)

Why?

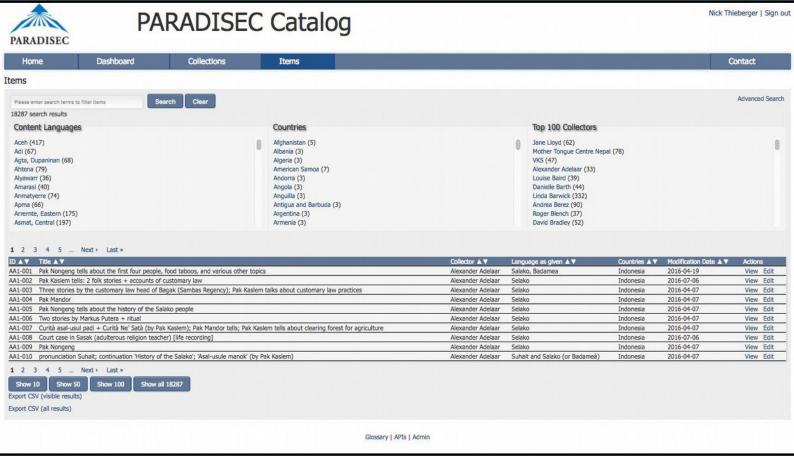
No agency took responsibility for audio recordings made in the Pacific

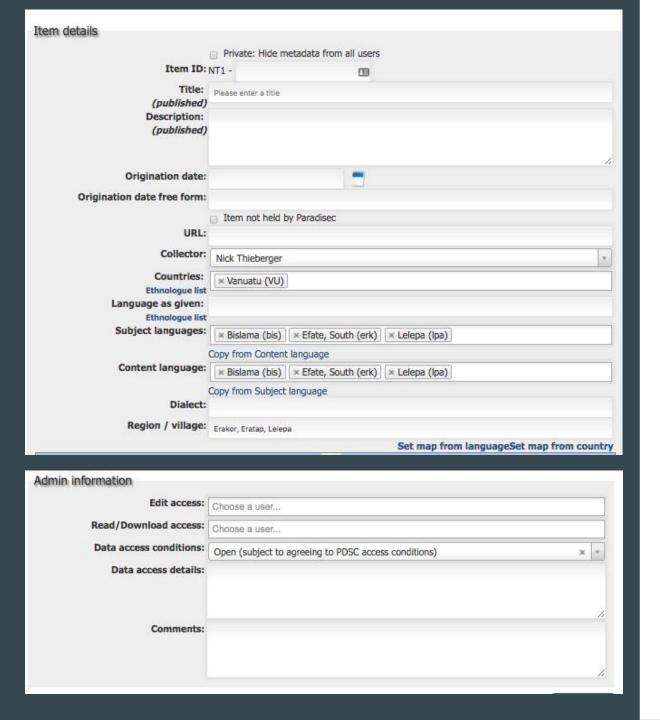
An archive built by researchers, not archivists

Catalog provides minimal required fields

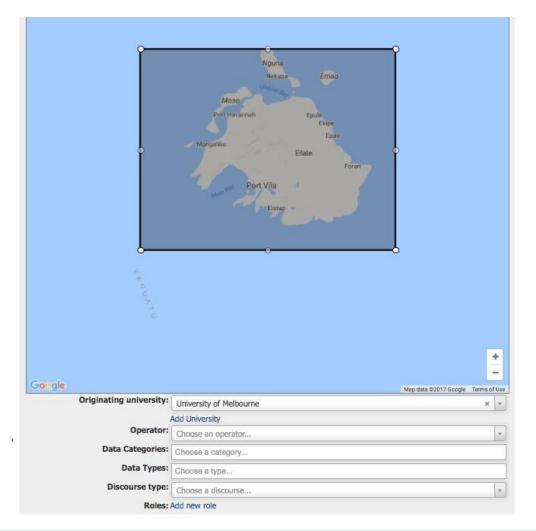
OAI / DC - based metadata







Online catalog also manages ingest



PARADISEC Collection

- Audio records date from the 1950s
- Textual data from the 1800s
- May be the only record in a language
- Examples, typically from research (but also missionary records)
 - Stephen Wurm's 1970s Solomon Islands tapes (~120 tapes and transcripts/fieldnotes)
 - Arthur Capell's 114 tapes, Pacific and PNG 1950s (and 30 archive boxes of fieldnotes)
 - Bert Voorhoeve's 180 tapes West Papua
 - Tom Dutton's 295 PNG tapes

Collection metrics

1,103 languages represented

99 countries

409 collections

18,293 items (11,213 online)

162,335 files

7,595 hours audio

750 hours video

31.34 TB of files

16,375 downloads in the last 4 years 1058 registered users

Our catalog has had 11,000 sessions over the past 12 months.

Significantly, these include:

95 from PNG

89 from Vanuatu

33 from Fiji

23 from the Solomon Islands

20 from French Polynesia

18 from New Caledonia

as held this day, at the Chambe

United Nations
Educational, Scientific and

Memory of the World

UNESCO Australian Memory of the World Committee

under the auspices of the Australian National Commission for UNESCO

Certifies the inscription of

PARADISEC

held by

The University of Melbourne

on the Australian Memory of the World Register

14 May 2013

Regional links

- Vanuatu Kaljoral Senta digitising tapes and provision of safe 'blind' backup of parts of their collection
- University of New Caledonia digitising of mouldy field recordings
- Solomon Islands National Museum digitising analog tapes
- Tjibaou Centre New Caledonia discussion of metadata and archiving methods
- Institute of Papua New Guinea Studies provision of CD copies of tapes
- Divine Word University Madang, PNG digitising cassettes and open reels













Solomon Islands Museum: > 600 tapes, most include oral tradition in local languages. 2014 – Endangered Archives Programme funding to digitise 200 tapes

Returning 100 tapes to the Vanuatu Kaljoral Senta



News/Comment

From p1... Culture



The collaborative efforts have already paid off with the presentation to the Cultural Centre's Ralph Regenvanu and Ambong Thompson of valuable sound recordings of Nagriamel by Nick Thieberger of the Australia based Pacific & Regional Archive. On page 1 the women field workers workshop participants are at work.

Ongoing work 2017-2018 to digitise a further 100 tapes

Mould affected tape from the Solomon Islands Museum



Digitisation of mouldy tapes in Drehu (New Caledonia)





Leonard Drilë Sam accepting CD copies of his recordings in June 2007

Legacy collections with little metadata





API, metadata feeds: http://catalog.paradisec.org.au/apidoc

PARADISEC API Documentation

The PARADISEC catalog exposes a number of APIs for harvesting the public data of the site. PARADISEC makes use of OAI-PMH for its harvesting APIs.

Harvesting Collections

RIF-CS

A RIF-CS feed is available at http://catalog.paradisec.org.au/oai/collection

For example, you can get a feed of all publicly available collections of PARADISEC:

http://catalog.paradisec.org.au/oai/collection?verb=ListRecords&metadataPrefix=rif

About RIF-CS: http://ands.org.au/guides/cpguide/cpgrifcs.html

Harvesting Items

OLAC

A OLAC feed is available at http://catalog.paradisec.org.au/oai/item

For example, you can get a feed of all publicly available items of PARADISEC:

http://catalog.paradisec.org.au/oai/item?verb=ListRecords&metadataPrefix=olac

Or you can get all the details of a single item of PARADISEC like this:

http://catalog.paradisec.org.au/oai/item?verb=GetRecord&identifier=oai:paradisec.org.au:AA1-002&metadataPrefix=olac

Just replace the item identifier with the identifier that you are after to get its metadata.

About OLAC: http://www.language-archives.org/documents.html#Standards

API, metadata feeds picked up by ANDS, OAI services, Open Language Archives Community (OLAC), TROVE, etc.



OLAC: Open Language Archives Community

HOME | DOCUMENTS | ABOUT | ARCHIVES NEWS | ORGANIZATION | TOOLS | SERVICES

SEARCH THIS SITE:

OLAC Mission

OLAC, the Open Language Archives Community, is an international partnership of institutions and individuals who are creating a worldwide virtual library of language resources by: (i) developing consensus on best current practice for the digital archiving of language resources, and (ii) developing a network of interoperating repositories and services for housing and accessing such resources.

News

OLAC Joins the Linguistic Linked Open Data Cloud: The OLAC system has now been integrated with LLOD... More ...

New OLAC Page Listing Archive Submission Policies: As a service to linguists who are in search of an archive that could receive a deposit... More ...

New OLAC Search Service: In December 2010, to mark our 10th anniversary, OLAC announces a new search service... More...

Language Archives Tutorial at LSA: In January 2009, an OLACendorsed tutorial on language archives was held at the winter meeting of the Linguistic Society of America ... More ...

OLAC Presented at three Pacific Conferences: In 2008 and 2009. OLAC is being presented at conferences in Australia, the Philippines, and Hawaii... More ...

More news ...

Documents

OLAC Standards - specify how OLAC operates

Recommendations - express consensus of OLAC members regarding language resource archiving

Notes - background information and guidance for implementers

General Information:

Overview | FAQ | Implementers' FAQ

Find Language Resources

Try OLAC's new search engine at: http://search.language-



Archive: -- all archives --Region: Africa Americas Asia Europe Pacific

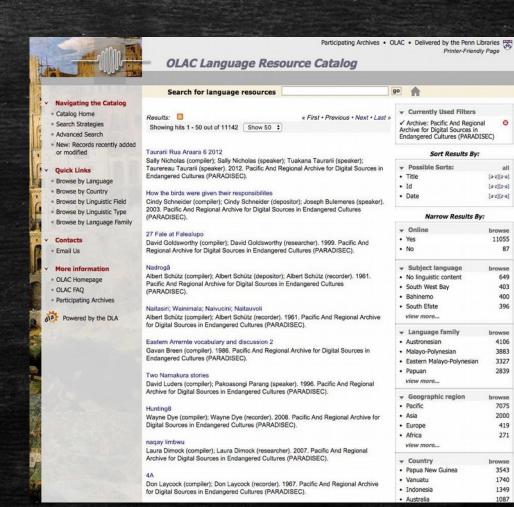
OLAC Coverage

OLAC Archives contain over 100,000 records, covering resources in half of the world's living languages. More statistics on coverage.

Join the OLAC Community

Sign-up for the OLAC mailing list and stay current with standards and best practices for language resource archiving (Archives).

The OLAC coordinators may be contacted via email.



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[a-z][z-a]

[a·z][z·a]

11055

400

browse

3883

3327

browse

7075

2000

419

271

3543

1740

1349

2839

Open Language Archives Community (OLAC)

http://www.language-archives.org/language/erk

Using ISO-639-3 codes for languages



OLAC resources in and about the South Efate language

ISO 639-3: erk

The combined catalog of all OLAC participants contains the following resources that are relevant to this langu

- Lexical resources
- Language descriptions
- Other resources about the language

Other known names and dialect names: South Efate, Erakor, Fate, Southern Efate

Use faceted search to explore resources for South Efate language

Primary texts

- ONLINE Fila Story: A Oa Erua; B&C: Lamenu (cont.); Baki; Pango-Erakor-Eratap. Arthur Capell (compile Sources in Endangered Cultures (PARADISEC). oai:paradisec.org.au:AC1-203
- 2. ONLINE Oriya, Lowolwol. Arthur Capell (compiler); Arthur Capell (researcher). n.d. Pacific And Regional
- ONLINE Prodigal Son in Efate Dialects. Arthur Capell (compiler); Arthur Capell (recorder). 1900. Pacific (PARADISEC), oai:paradisec.org.au:AC1-416
- ONLINE Texts in languages from Efate. Arthur Capell, 1999. Pacific And Regional Archive for Digital Sou
- ONLINE The Prodigal Son Story in Samoa Point/Havannah Harbour. Arthur Capell (compiler); Arthur Ca Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC), oai:paradisec
- ONLINE The Gospel According to Luke in the language of Efate. Arthur Capell (compiler); Arthur Capell for Digital Sources in Endangered Cultures (PARADISEC). oai:paradisec.org.au:AC2-VEFAT501
- ONLINE Catechism in the language of Efate. Arthur Capell (compiler); Arthur Capell (researcher); Peter Endangered Cultures (PARADISEC). oai:paradisec.org.au:AC2-VEFAT502 ONLINE Notes on Nguna-Efate dialects. J. Graham Miller. 1999. Pacific And Regional Archive for Digital
- ONLINE South Efate Language Primer. Arthur Capell (compiler); Arthur Capell (researcher); Peter Newton Endangered Cultures (PARADISEC), oai:paradisec.org.au;AC2-VSEFAT101
- ONLINE Notebook containing information about Efate and other South Vanuatu languages. Arthur Capel Cultures (PARADISEC). oai:paradisec.org.au:AC2-VSEFAT301
- ONLINE Prodigal son text in Elate. Arthur Capell (compiler); Arthur Capell (compiler); Arthur Capell (rese Digital Sources in Endangered Cultures (PARADISEC), oai:paradisec.org.au;AC2-VSEFAT306
- ONLINE Prodigal Son text in Erakor. Arthur Capell. 1999. Pacific And Regional Archive for Digital Source
- ONLINE Prodigal son text in Eratap. Arthur Capell (compiler); Arthur Capell (compiler); Arthur Capell (res Digital Sources in Endangered Cultures (PARADISEC). oai:paradisec.org.au:AC2-VSEFAT308
- ONLINE CD01. Nick Thieberger (compiler); Nick Thieberger (depositor); Nick Thieberger (recorder); Sail Endangered Cultures (PARADISEC). oai:paradisec.org.au:NT1-001
- ONLINE Recordings in South Efate. Nick Thieberger (compiler); Nick Thieberger (depositor); Nick Thieberger for Digital Sources in Endangered Cultures (PARADISEC). oai:paradisec.org.au:NT1-002
- ONLINE CD03. Nick Thieberger (compiler); Nick Thieberger (depositor); Nick Thieberger (recorder); Sail-Endangered Cultures (PARADISEC), oai:paradisec.org.au:NT1-003 ONLINE Recordings in South Efate. Nick Thieberger (compiler); Nick Thieberger (depositor); Nick Thieberger

- Lexical resources
 - online Bible texts in several Vanuatu languages. Arthur Capell. 1999. Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC) oai:paradisec.org.au:AC2-VCOMVO202
 - ONLINE Efate dialects. Arthur Capell. 1999. Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC). pai:paradisec.org.au;AC2-VEFAT401
 - ONLINE Efatese Grammar and dictionary. Arthur Capell. 1999. Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC). oai:paradisec.org.au:Au
 - ONLINE Spirax note book, N.H. III.. Arthur Capell (compiler); Arthur Capell (researcher); Peter Newton (depositor). 1900. Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC), oai:paradisec.org.au:AC2-VFN15
- ONLINE Notebook containing information about Efate and other South Vanuatu languages, Arthur Capell, 1999, Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC). oai:paradisec.org.au:AC2-VSEFAT301
- 6. ONLINE Topics in the grammar and documentation of South Efate, an Oceanic language of Central Vanuatu. Nick Thieberger. 2005. Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC). oai:paradisec.org.au:NT2-PHD
- ONLINE Sesake vocabulary recorded by Bishop Patteson, 1866. Nick Thieberger (compiler). 1866. Pacific And Regional Archive for Digital Sources in Endangered Cultures
- ONLINE Dictionary and texts in South Efate, Nick Thieberger (compiler); Nick Thieberger (depositor), 2006, Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC), oai:paradisec.org.au:NT8-TEXT

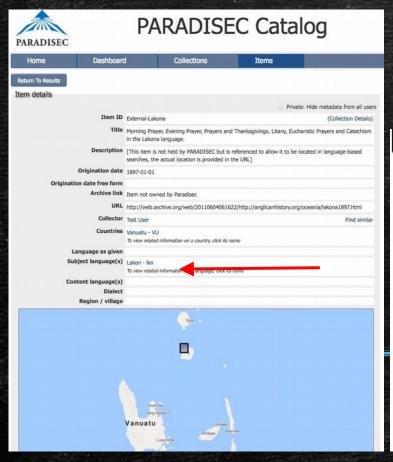
Language descriptions

- ONLINE Glottolog 2.3 Resources for South Efate. n.a. 2014. Max Planck Institute for Evolutionary Anthropology. oai:glottolog.org:sout28
- ONLINE Efatese Grammar and dictionary, Arthur Capell. 1999. Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC), pai:paradisec.org.au;AC2-
- ONLINE The Nguna-Efate dialects. Arthur Capell (compiler); Arthur Capell (compiler). n.d. Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC).
- ONLINE Notes on Tongoa language. Arthur Capell. 1999. Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC). oai:paradisec.org.au:AC2-
- ONLINE Topics in the grammar and documentation of South Efate, an Oceanic language of Central Vanuatu. Nick Thieberger. 2005. Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC), oai:paradisec.org.au:NT2-PHD
- ONLINE PHOIBLE Online phonemic inventories for South Efate. n.a. 2014. Max Planck Institute for Evolutionary Anthropology. oai:phoible.org:erk
- ONLINE WALS Online Resources for Efate (South). n.a. 2008. Max Planck Institute for Evolutionary Anthropology, oai;wals, in

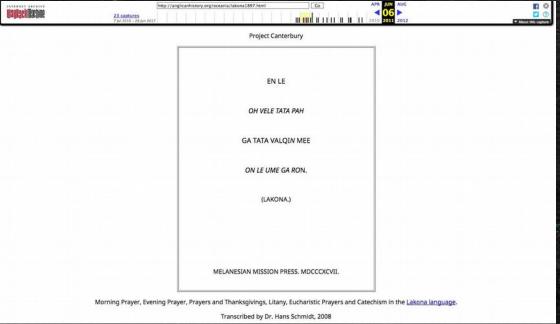
Other resources about the language

- ONLINE Topics in the grammar and documentation of South Efate, an Oceanic language of Central Vanuatu. Thieberger, Nicholas. 2004. WALS Online RefDB. oai:refdb.wals.info:7194
- ONLINE houses in Erakor. Nick Thieberger (compiler); Nick Thieberger (depositor); Nick Thieberger (photographer). n.d. Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC). oai:paradisec.org.au:NT4-02
- ONLINE going away party. Nick Thieberger (compiler); Nick Thieberger (depositor); Nick Thieberger (photographer). n.d. Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC). oai:paradisec.org.au:NT4-03
- ONLINE going away party. Nick Thieberger (compiler); Nick Thieberger (depositor); Nick Thieberger (photographer). n.d. Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC), oai:paradisec.org.au:NT4-04
- ONLINE going away party. Nick Thieberger (compiler); Nick Thieberger (depositor); Nick Thieberger (photographer). n.d. Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC). oai:paradisec.org.au:NT4-05
- ONLINE Kalsarap holding a rake (nkur) made from the tree of the same name.. Nick Thieberger (compiler); Nick Thieberger (depositor); Nick Thieberger (photographer); Kalsarap Namaf (participant). 2001. Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC). oai:paradisec.org.au:NT4-0
- ONLINE Yokopeth. Nick Thieberger (compiler); Nick Thieberger (depositor); Nick Thieberger (photographer); Yokopeth (participant). n.d. Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC). oai:paradisec.org.au:NT4-1 03
- ONLINE Apu and Limas reading book and dictionary. Nick Thieberger (compiler); Nick Thieberger (depositor); Nick Thieberger (photographer); Kalsarap Namaf (participant); Limas (participant). n.d. Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC). oai:paradisec.org.au:NT4-1 04 ONLINE Nick Wayane being held by an unknown young woman. Nick Thieberger (compiler); Nick Thieberger (depositor); Nick Thieberger (photographer); Nick Wayane (participant)
- n.d. Pacific And Regional Archive for Digital Sources in Endangered Cultures (PARADISEC). oai:paradisec.org.au:NT4-1 05
- ONLINE Metu Josef. Nick Thieberger (compiler); Nick Thieberger (depositor); Nick Thieberger (photographer). n.d. Pacific And Regional Archive for Digital Sources in Endangered

Findability of primary research materials



We can add records to a catalog to announce the existence of analog or digital records and to provide language identifiers



Presenting manuscripts

Pacific and Regional Archive for Digital Sources in Endangered Cultures



Home Provenance Series List

Search

Arthur Capell (1902-1986), Guide to Records

Listed by Peter Newton, Austehc and PARADISEC

Arthur Capell was an Australian linguist and ethnographer who spent much time recording and documenting both Australian Aboriginal languages and endangered languages in the Asia - Pacific region. The Arthur Capell textual collection consists of some thirty boxes of notes, transcripts, and other supporting materials. What is documented in this guide are some of the records relating to his non-Australian linguistic work that have been digitally imaged.

Please do not copy material from this site for further distribution but rather link to this site. PARADISEC has raised funds to digitise this collection and would like to be recognised for the work that we have put into developing the online presentation of fieldnotes. If you copy and distribute this data and do not acknowledge PARADISEC's work then we will have to put password protection on the data.

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[Details]

- · About the records
 - Scope and content
 - · How to use this finding aid
 - Archival terms
- · Provenance creators and former custodians
- Series list and summary descriptions
- Inventory listing by series
 - · Series 01 Personal and Biographical Material
 - Series 02 General Linguistic and Ethnological Materials
 - Series 03 Indonesia Regions and Languages
 - · Series 04 Bougainville, Buka and Offshore Islands Regions and Languages
 - · Series 05 Melanesia and Oceania Regions and Languages
 - Series 06 Solomon Islands Regions and Languages
 - Series 07 Timor Regions and Languages
 - Series 08 <u>Vanuatu Regions and Languages</u>

Arthur Capell (1902-1986), Guide to Records

Item: VEFAT25 Contact PARADISEC

To print this page you may need to select landscape paper orientation for better results.



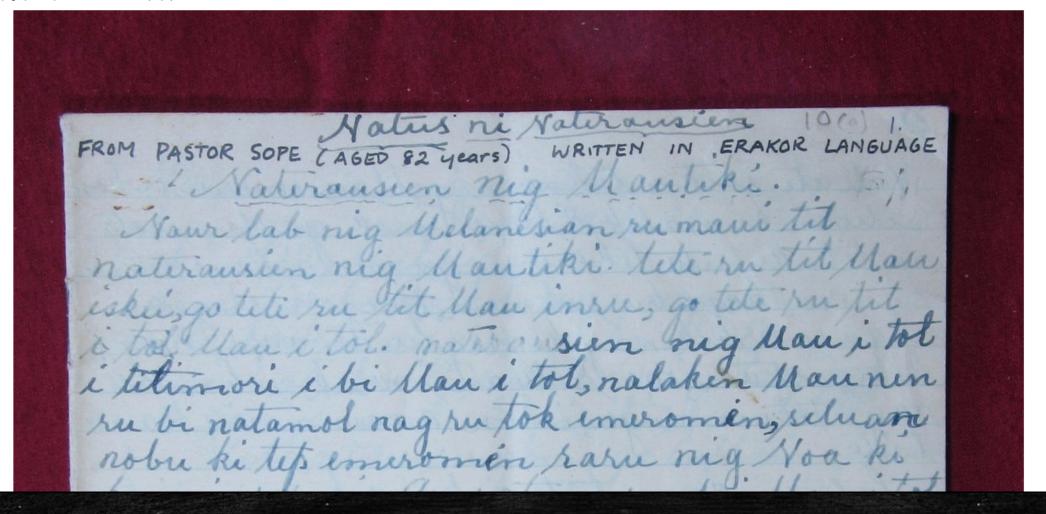
FROM PASTOR SOPE (AGED 82 years) WRITTEN IN ERAKOR LANGUAGE nen ru tok tmeromen, naur lab nen ru lan emure, len inen ra be alitak tikon more in hotel na tua rig i tok tekan kin tu tekan lete naik man ser natiation

Arthur Capell (1902-1986), Guide to Records

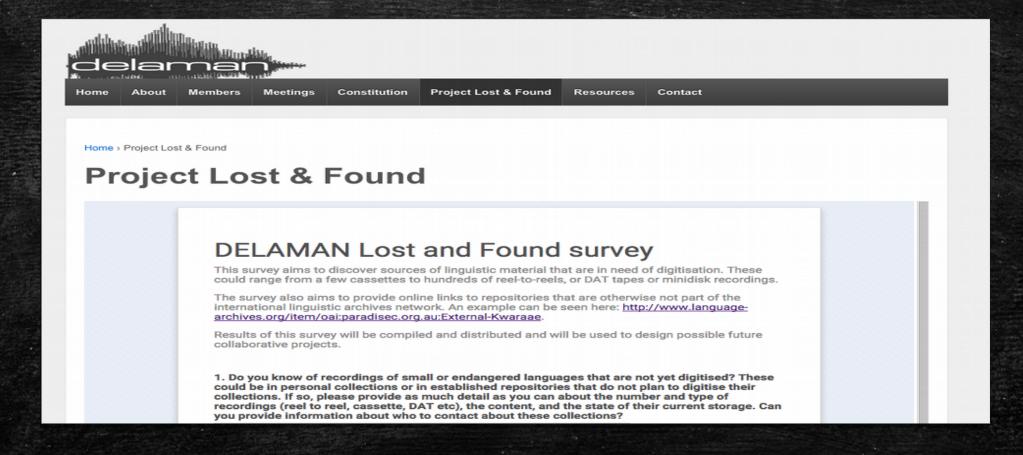
Item: VEFAT25 Contact PARADISEC

To print this page you may need to select landscape paper orientation for better results.





Looking for analog tape collections



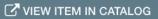
Digital Languages and Musics Archives Network https://rebrand.ly/lostandfound

Changing fieldwork/research practices

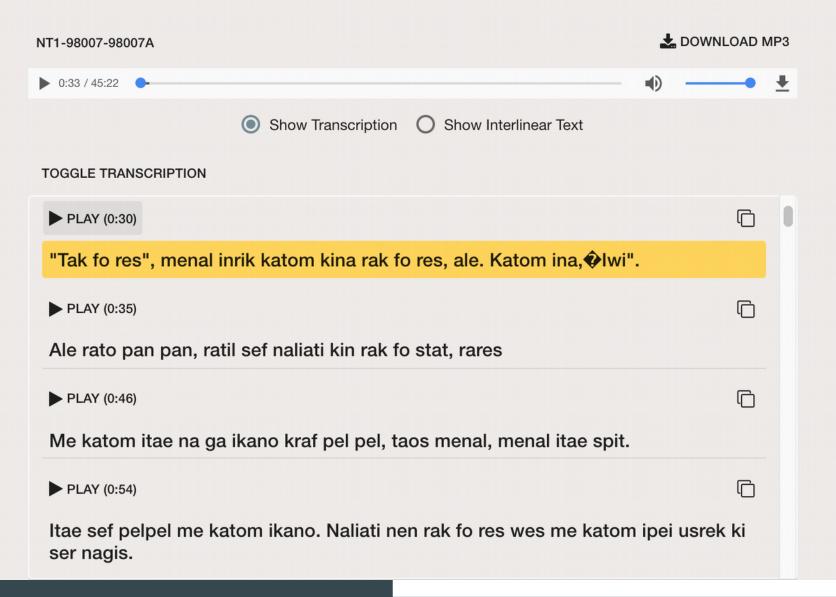
- realising that we are creating research collections in the course of our own work
- better data management and creation models will not only make our own work better
- will also make it available for others to use







Recordings in South Efate



Recordings in South Efate

COLLECTION: NT1 | ITEM: 98007

Contributors

- Nick Thieberger (compiler)
- Nick Thieberger (depositor)
- Nick Thieberger (recorder)
- Kalsarap Namaf (speaker)
- lokopeth (speaker)
- John Maklen (speaker)
- Waia Tenene (speaker)

Description

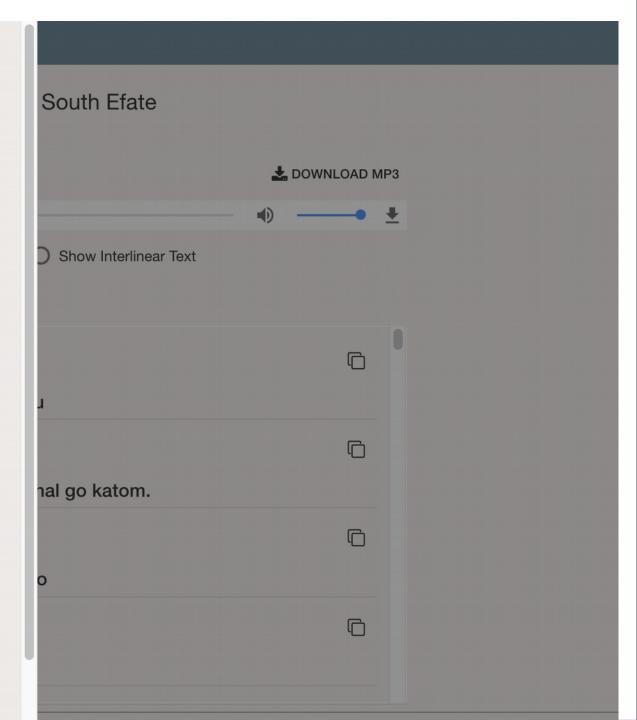
NT1-98007. Text #047 (speaker is John Maklen. Text title: History of villages before Erakor); Text #048 (speaker is John Maklen. Text title: Mantu the flying fox and Erromango); Text #049. Text title: Asaraf (speaker is John Maklen); Text #050. Text title: Mumu and Kotkot (speaker is John Maklen); Text #051. Text title: Natopu ni Erakor-the spirit who lives at Erakor (speaker is John Maklen); Text #038. Text title: The need for respect (speaker is lokopeth) Stories can be seen at NT8-TEXT. There are time-aligned transcripts of this item and handwritten transcripts by Manuel Wayane scanned as jpgs. . Language as given: Nafsan

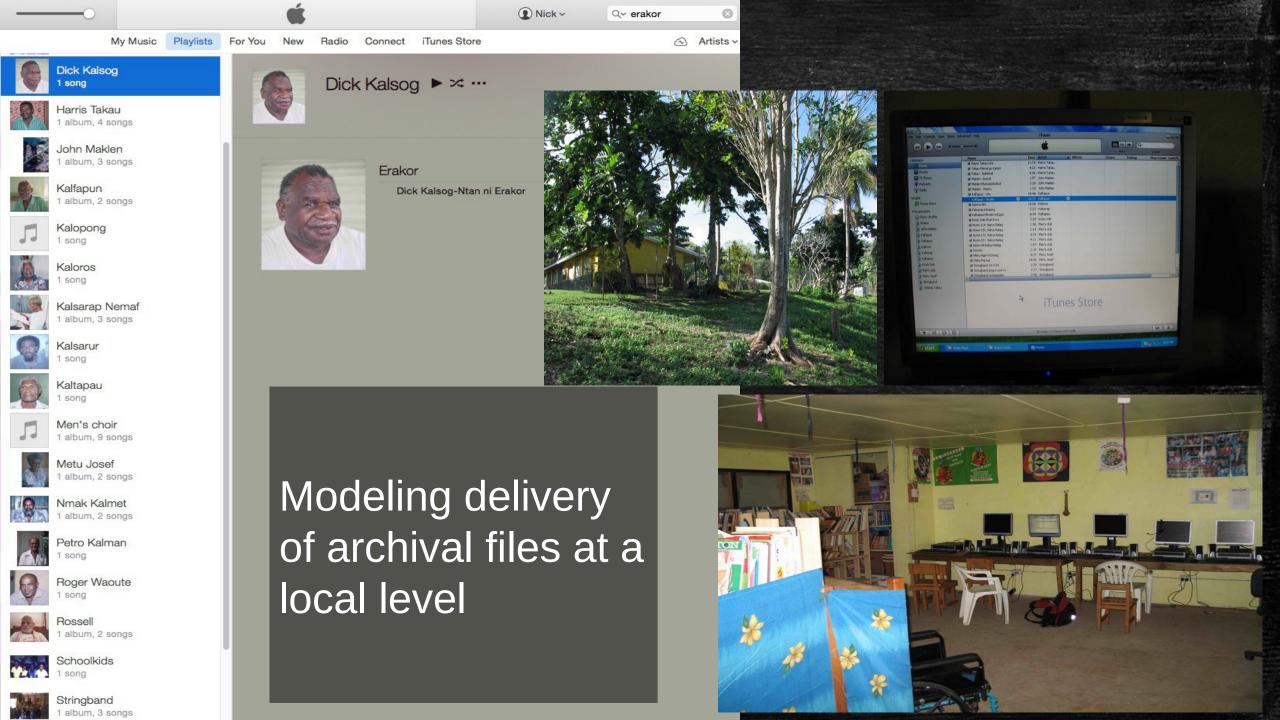
Cite this item

Nick Thieberger (collector), Nick Thieberger (depositor, recorder), Kalsarap Namaf (speaker), lokopeth (speaker), John Maklen (speaker), Waia Tenene (speaker), 1998; Recordings in South Efate, JPEG/MPEG/X-WAV/XML/PLAIN, 2017-09-04. DOI: 10.4225/72/56F94A61DA9EC

Zotero and Mendeley Integration.

This page has embedded metadata that is able to be read by both Zotero and Mendeley.



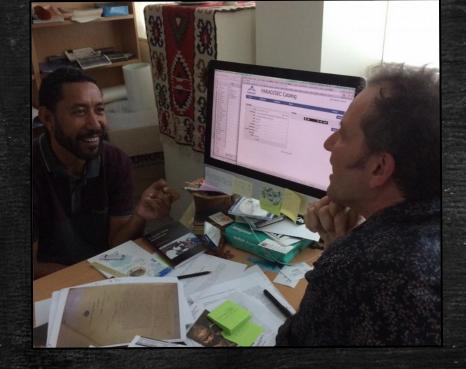


Streaming downsampled versions

Providing hard disks to local cultural centres

Mobile phones – 80% coverage in most Melanesian countries





If only you witnessed and captured the reaction in me going through the recordings at home! It is quite an amazing experience! From feeling of awe to emotion to deep excitement!

The feeling of knowing that your language has been documented or recorded in a structured way, kept safely somewhere in the world, hearing it spoken 50 - 60 years ago and by some people you haven't seen but whose names you only hear in history etc is quite incredible.

It is most heartwarming to know that it is possible to sustain the life of my language. Thank you once again for the opportunity to listen to the records!

As I see it now, it is "US OR NEVER!" In about three or four Koitabu villages, the observation is that people in my peer group can understand in full but speak a little. Generation after us cannot do both. I believe that if we don't teach ourselves now and pass on, the language will be totally gone in the next 10 to 20 years.

E'ava Geita 23/3/2015

Promoting the collection

Virtual Reality
Augmented Reality

- getting press coverage
 - identifies new collections to be digitised
 - allows speakers or their familes to find recordings

Promoting the collection





The survival, and even revival, of these endangered languages could well depend

on these same databases, but only if they become a lot less obscure and a lot more

Featured academic

Dr Nick Thieberger

ARC Future Fellow, School of

Languages and Linguistics,

Faculty of Arts, University of

accessible.

Enter virtual reality.



Pacific and Regional Archive for Digital Sources in Endangered Cultures (PARADISEC)

We digitise and archive records of the many small languages of the world. We have worked to ensure that the archive can provide access to interested communities and conforms to international standards for digital archiving. While our original focus was the Asia-Pacific region, we now hold material from all over the world, and currently have over 1,000 languages represented in the collection.

PARADISEC was placed onto the Register of the UNESCO Australian Memory of the World Program in 2013.

http://paradisec.org.au



Speaker: Noelyne Kandewe Language: Sudest Place: Papua New Guinea

Spewier: Waim Gabriel



Longwage: Waima Place: Papua New



Spoulou: Kadagoi Rawad Forepiso & Sel Pain Wadom



Massing Nambuas Language: Nahayaq



Tepahae ngway: Aneityum Plan: Vanuatu



Takau Longoope: South Efate



PARADISEC Augmented Reality display

If you want to see this display you will need to have wifi, install the Aurasma app on a phone, ipad or similar device, create an Aurasma account and share the auras called 'nicholast', then point your device at the triggers (each of the white windows in this poster). It should then play the story associated with that trigger.





Longuage: Arremte, Eastern Place: Australia





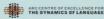
Spenders: Putai Kairae & Sally-Akevai Nicholas













PARADISEC: Engaging with communities

Researcher responsibility to:

- make good records
- archive them in ways that allow them to be found and used

PARADISEC

- provides a platform for finding and accessing these records from anywhere in the world
- actively seeking analog tape collections and funding to digitise them
- Please let us know about collections of audio or film that need to be preserved

Nick Thieberger. 2014. Curation of Oral Tradition from Legacy Recordings: An Australian Example. *In Oral Tradition*, 28.2: 253-260, October 2013. http://journal.oraltradition.org/issues/28ii/thieberger

Nick Thieberger, Amanda Harris, and Linda Barwick. 2015. PARADISEC: its history and future. Pp 1-16 in Harris, Amanda, Nick Thieberger and Linda Barwick (eds) Research, Records and Responsibility: Ten Years of the Pacific and Regional Archive for Digital Sources in Endangered Cultures (PARADISEC) Sydney: Sydney University Press. http://purl.library.usyd.edu.au/sup/9781743324431

http://catalog.paradisec.org.au





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ARC CENTRE OF EXCELLENCE FOR THE DYNAMICS OF LANGUAGE