The path Pambu is taking, from microfilm to megabytes

PARBICA conference, Auckland, NZ, 7-9 September 2015
By Kylie Moloney
Executive Officer
Pacific Manuscripts Bureau
The aim of PMB

To preserve and improve access to the documentary heritage of the Pacific Islands
What the PMB does

- Arrange, lists and copies archives
- Provide access
- Provide support to researchers
- Supports archives and libraries in the Pacific Islands
Why?

Archives are often in vulnerable conditions out in the islands
— Cyclones, tsunamis
— Mould, pests
— Political instability
— Few resources

Scholars, students and researchers of all kinds use archives for their work

Church of Melanesia archives in Santo, Vanuatu, 2012
Vulnerable documents
The Bureau’s collection

Over 4000 reels of microfilm

Reels in PMB Ms. Series by Content

- Government
- Diaries/Letters
- Church/mission
- Whaling
- ...
Microfilming in the islands
Microfilming in the islands

Microfilming Church of Melanesia records with Bishop Terry Brown in Ambae (2009) and Santo (2011).
Why re-invent the Bureau in a digital environment?

Increasing the visibility and accessibility of Pacific Island archives

Communities are asking for digital

Digital offers a balance of access and rights management as well secure delivery to member libraries

Ease of use
From microfilm to megabytes

Over 4000 reels of microfilm

Some of the Bureau’s master negative microfilms in a climate controlled conditions Pascoe’s in Sydney
Moving from microfilm to digital – the story

1. Member agreement
2. Develop standards
3. Trusted repository
4. Research/Acquire Equipment
5. Testing with member libraries
6. Open-source database
7. Develop workflows
Moving from microfilm to digital – the story

Agreement with the PMB member libraries that this was the future and the path they wanted to take

Research

Working with microfilm whilst moving towards digital

Microfilming in the library at Malua Theological College, Samoa, November 2012
New catalogue

Open-source software, ICA-AtoM

Search and discover digitised manuscript and image collections relating to the Pacific

Any person with Internet can access the PMB catalogue

Member libraries can access the full content
Moving from microfilm to digital – the story

Repository
Preservation back-up copies
ICA-AtoM software
IT support
Plugins
Moving from microfilm to digital – the story

Digitisation standards – Image capture standards and derivative standards for web delivery

Digitisation equipment and software

Costs
Equipment = AUD $8,500
Software development = AUD $7,000
Digitisation standards, equipment and software
Workflows!

Appraisal

Arranging and describing

Collection and item information into ICA-AtoM Archives and Libraries catalogue differently!
Bulk uploading to ICA-AtoM

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Workflows!

Digitising

Post-processing

Uploading digital to AtoM

Documentation and “How to” user guides
Image capture workflow

1. Capture TIFF files
2. Import to Lightroom
3. Edit image, exposure, whitebalance, crop, rotate
4. Export edited files
5. Merge TIFFs into a PDF
6. Reduce size and split (if necessary) PDF
7. Link to item record in AtoM
Member libraries accessing the new PMB digital records

List PMB catalogue as an electronic database

PMB working with NLA to provide member libraries with MARC records that have been exported from ICA-AtoM

Member libraries will import these directly into their catalogue and provide access to clients
Digital repatriation back to owners of collections in the Pacific Islands

Papua New Guinea, Department of Agriculture and Livestock
Preservation of Land Use Survey Reports

A joint digitisation project by the Pacific Manuscripts Bureau and the PNG Department of Agriculture and Livestock, funded by AusAID, 2013.

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Welcome to the Pacific Manuscripts Bureau catalogue

The Pacific Manuscripts Bureau copies archives, manuscripts and rare printed material relating to the Pacific Islands. The aim of the Bureau is to help with long-term preservation of the documentary heritage of the Pacific Islands and to make it accessible.

The Pacific Manuscripts Bureau collection is the most extensive collection of non-government primary documentation on the Pacific Islands available to researchers.

Pacific Manuscripts Bureau titles can be located at any of the PMB member libraries or by contacting the Bureau: pambu@anu.edu.au
Search results

Search for [Woodford]

Showing results 1 to 10 of 163 (2.81 seconds)

Solomon Islands photographs
This collection includes photographs of the Woodford family; Solomon Islands, Samoa, Delthi New Guinea, etc., and native story as told by native 1907.

Reference code
AU PMB PHOTO 58

Creator(s)
Woodford, Charles Menis

Level of description
Collection

Repository
Pacific Manuscripts Bureau

Two albums of photographs taken during a voyage to and residence in the Solomon Islands from April to October 1886, and additional loose photographs

Reference code
AU PMB PHOTO 66

Date(s)
1852-1927 (Creation)

Creator(s)
Woodford, Charles Menis

Level of description
Collection

Repository
Pacific Manuscripts Bureau

Papers on the Solomon Islands and other Pacific Islands
Charles Morris Woodford was born in 1852 and educated at Tonbridge School in England. He settled in Java about 1882 and from Fiji visited Kiribati (the Gilbert Islands group), as Government agent on the ketch Patience. In 1896, as a fellow of the Royal...
Collection PHOTO 56 - Two albums of photographs taken during a voyage to and residence in the Solomon Islands from April to October 1886, and additional loose photographs

Digital Available
Click on Item under Collection on left hand column

Reference code: AU:PMB PHOTO 56
Title: Two albums of photographs taken during a voyage to and residence in the Solomon Islands from April to October 1886, and additional loose photographs

Date(s): 1852-1927 (Creation) Woodford, Charles Morris

Level of description: Collection
Extent and medium: 240 photographs

Name of creator: Woodford, Charles Morris (1852-1927)
Biographical history
Item 009 - Village man smoking a pipe, with large shield Aola, note one of Woodford's hunters

Identity area
- Reference code: AU PMB PHOTO 56-009
- Title: Village man smoking a pipe, with large shield Aola, note one of Woodford's hunters
- Date(s): n.d. (Creation)
- Level of description: Item
- Extent and medium: Digital photograph scanned from original

Context area
- Name of creator: Woodford, Charles Morris (1862-1927)
- Repository: Pacific Manuscripts Bureau

Conditions of access and use area
- Conditions governing access: Available for reference access
Search results

Search for [Notebook]

Showing results 1 to 10 of 24 (3.32 seconds)

**Notebook**
- Reference code: AU PMB MS 53
- Date(s): c1865 - 1909 (Creation)
- Creator(s): Moulton, James Egan, Rev
- Level of description: Collection
- Repository: Pacific Manuscripts Bureau

**Journals, diaries, notebook, letters, hymns**
- Reference code: AU PMB MS 417
- Date(s): 1836 – 1875 (Creation)
- Creator(s): Niblett Rev. Henry
- Level of description: Collection
- Repository: Pacific Manuscripts Bureau

**Diaries and notebook kept at Vanikoro and Santa Cruz, Solomon Islands, and in the New Hebrides**
- Reference code: AU PMB MS 1279
- Date(s): 1936-1953 (Creation)
- Creator(s): Jones, Fred Louis (1900-1987)
- Level of description: Collection
- Repository: Pacific Manuscripts Bureau

**The history of the Tui Kano Kupolu, pp.43-47.**
- Reference code: AU PMB MS 3-2
- Level of description: Collection
- Repository: Pacific Manuscripts Bureau
Archival institution
Pacific Manuscripts Bureau

Creator(s)
- Moulan, James Egan, Rev.

Digital object

Collection
- Collection MS 3 - Notebook
  - Tongan History from 1797-1854, c.
  - The History of the(Tui-Kano)Kupu
  - The History of the Tui-Kano, pp...
  - Story of origin of Fakahatona, pp...
  - Legend of Bugalaibitongo and Muki
  - Legend of Aikalafa, pp.76-79.

Import
- XML
- CSV

Export
- Dublin Core 1.1 XML
- EAD 2002 XML
- MARC

Browse
- Archival descriptions
- Authority records
- Digital objects

View archival description
Collection MS 3 - Notebook

Digital Available
Click on Item under Collection on left hand column

Identification area
- Reference code: AU PMB MS 3
- Title: Notebook
- Date(s): c1865 - 1909 (Creation)
- Moulan, James Egan, Rev.
- Level of description: Collection
- Extent and medium: 1 volume

Content area
- Name of creator: Moulan, James Egan, Rev. (1841-1909)
- Bibliographical history: The Rev. James Egan Moulan (1841-1909) was a noted Methodist missionary in Tonga from 1865 to 1906. He was the founder of Tupou College, Nuku'alofa.
- Repository: Pacific Manuscripts Bureau

Content and structure area
- Scope and content: The Rev. James Egan Moulan (1841-1909) was a noted Methodist missionary in Tonga from 1865 to 1906. He was the founder of Tupou College, Nuku'alofa.
Item 2 - The history of the Tui Kano Kupolu, pp. 43-47.
The history of the Tu'i Kava Kolu

The Tu'ihes to Kalena called Monga o Toga
and numerous children.

One son was called Tapofofo, another Gata

Another, Tavehio (the origin of the first Kava)

Another, Tavao, the origin of the Kava kava.

There were some of the children of Monga o Toga.

After a time a hahd of Toga called Kanokuba
which belonged to Monga o Toga

lost without a local chief and Monga o Toga

ordered his son Gata to go there and be the

local chief or "Tua" and he did so.

Kanokuba in Tago, but Gata was

only to rule over Kanokuba, and not over the whole of Tago.

Gata was succeeded by his son Alatateia

who was named "Matatoa Tua Togea.

Matatoa was succeeded by his son "Matatoa Te Togea.

Tea'uri Te'a. This line increased in rank and power
but all the Tu'i Kava Kolu were subordinated

Residence to the Tu'ihes to Kalena who

again were subordinate to the Tuifuga,

the Sacred Kings, who ruled over all the

islands of Tonga, and whose dominions

included Niuatoputapu, Nuku'alofa, Futuna.

Matatoa was succeeded by his son

Mani'o Togea, who was succeeded by his

son Tukula, who was succeeded by his

brother (same father and mother) Mani'o Togea.

Tukula had a son called Tui Hala Feta'i

but he did not become Tu'ihes to Kalena, but

the son of Tui Hala Feta'i, named also

Tukula, after his grandfather became

Tu'ihes to Kalena. He was succeeded by

Mani'o, half brother to the first Tukula; and

Mani'o was succeeded by his son

Tukula. Tukula ruled over the whole

region including Niuatoputapu, but

ruled over the Tu'ihes to Kalena, whose dominions

included Nukualofa, Nuku'alofa, Futuna.
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Papua New Guinea: Memories and recorded events, 1971-1973

"Papua New Guinea: Memories and recorded events, 1971-1973" was written by Ms Cligan to document her memories of her time in Papua New Guinea from 1971-1973. It covers all aspects of her life in the Western Highlands in PNG, including the mission sta...

Reference code
AU PMB MS 1398

Date(s)
1971 - 1973 (Creation)

Creator(s)
Cligan, Jill

Level of description
Collection

Repository
Pacific Manuscripts Bureau

Papua New Guinea: Memorials and recorded events, 1971-1973

Slides documenting the Baptist Mission in the Western Highlands of Papua New Guinea, 1971-1973

A collection of slides from Papua New Guinea taken by Jill Cligan. The images document her time in Papua New Guinea working as a nurse for the Australian Baptist Mission from 1971-1973. The images cover several aspects of her life in the Western Highla...

Reference code
AU PMB PHOTO 33

Creator(s)
Cligan, Jill

Level of description
Collection
Item 36 - Paintings and drawings by Jill Clingan, pp.106-116

Identity area
- Reference code: AU PMB MS 1398:36
- Title: Paintings and drawings by Jill Clingan, pp.106-116
- Date(s): 1971 - 1973 (Creation)
- Level of description: Item
- Extent and medium: PDF

Context area
- Name of creator: Clingan, Jill (1942-)
- Repository: Pacific Manuscripts Bureau

Conditions of access and use area
- Conditions governing access: Available for reference

Allied materials area
- Existence and location of: Access this title at PMB Member Libraries or by purchasing it directly from the publisher.
Baiyer Valley, from our balcony (1971)
Search for [Milne]

Showing results 1 to 10 of 28 (2.83 seconds)

Diaries
This collection includes Rev. Peter Milne's diaries relating to the New Hebrides mission. The diaries contain daily notes, as opposed to the journals which provide a more considered narrative.

Reference code
AU PMB MS 1402
Date(s)
1870-1924 (Creation)
Creator(s)
Milne, Peter, Rev.
Level of description
Collection
Repository
Pacific Manuscripts Bureau

Journals
This collection includes a significant sequence of journals covering Peter Milne's early years and ministry training, before giving an extended account of the mission in the New Hebrides at Nogoni (Rochest Collection MS 0432V16 to MS 0432Z23). They diff:

Reference code
AU PMB MS 1403
Date(s)
1865-1905 (Creation)
Creator(s)
Milne, Peter, Rev.
Level of description
Collection
Repository
Pacific Manuscripts Bureau

Diary
Reference code
AU PMB MS 1402-02x
Date(s)
20 September 1872 - 31 October 1875 (Creation)
Creator(s)
Milne, Peter, Rev.
Level of description
Item
Repository
Pacific Manuscripts Bureau
Collection MS 1402 - Diaries

Digital Available
Click on Item under Collection on left hand column

Identity area
- Reference code: AU PMBI MS 1402
- Title: Diaries
- Date: 1879-1894 (Creation) Mine, Peter, Rev.
- Level of description: Collection
- Extent and medium: 12 volumes

Context area
- Name of creator: Mine, Peter, Rev. (1874-1924)
- Biographical history: Peter Mine was born at Stans, Andermatt on the 17 May 1874. He trained and was ordained as a missionary to the New Hebrides (Vanuatu) with the Free Church of Scotland, under the Presbyterian Synod of Otago and Southland. He married Miss Mary Jane Veitch...
- Repository: Pacific Manuscripts Bureau

Content and structure area
- Scope and content: This collection includes Rev. Peter Mine’s diaries relating to the New Hebrides mission. The diaries contain daily notes, as opposed to

Item 01b - Diary

Identity area

Reference code
AU PMB MS 1402-01b

Title
Diary

Date(s)
19 July 1877 - 23 September 1877 (Creation)

Level of description
Item

Extent and medium
Digital scanned from original

Context area

Name of creator
Milne, Peter, Rev. (1834-1924)

Biographical history
Peter Milne was born at Stains, Aberdeen on the 17 May 1834. He trained and was ordained as a missionary to the New Hebrides (Vanuatu) with the Free Church of Scotland, under the Presbyterian Synod of Otago and Southland. He married Miss Mary Jane Vetch...

Repository
Pacific Manuscripts Bureau

Conditions of access and use area

Conditions governing access
Available for reference

Allied materials area
November

Friday 29th. Writing dispatches.


Tuesday 5th. Day opening arrived. Left ship. Went to H.M. ship "Ashburnham."上


Monday 11th. Mr. Jones came. Left for Malta. Arrived "December." Late night on ship. Very rough in the afternoon.


Working in the islands today – Cook Islands
Working in the islands today – Solomon Islands
Working in the islands today – Samoa
Reflections

Commitment and hard work

Relationships

Pace and momentum

Learning and being creative

Adapting, negotiating, revising, compromising, improving
New possibilities being digital opens up to the Bureau.

New content

Delivering the PMB collections to Pacific Islands scholars through libraries (USP and NUS) in the Pacific

Working with member libraries to export archival catalogue records from ICA-AtoM into MARC (Library cataloguing format)

Assisting Pacific Island archives with digitisation and ICA-AtoM advice

Collaborating with academics to integrate digital resources into teaching programs

External funding to assist with the digitisation of the retrospective collection of over 4000 microfilms!
Thank you!