

# Visualising Australian Literary Networks

Anna Gerber, Roger Osborne

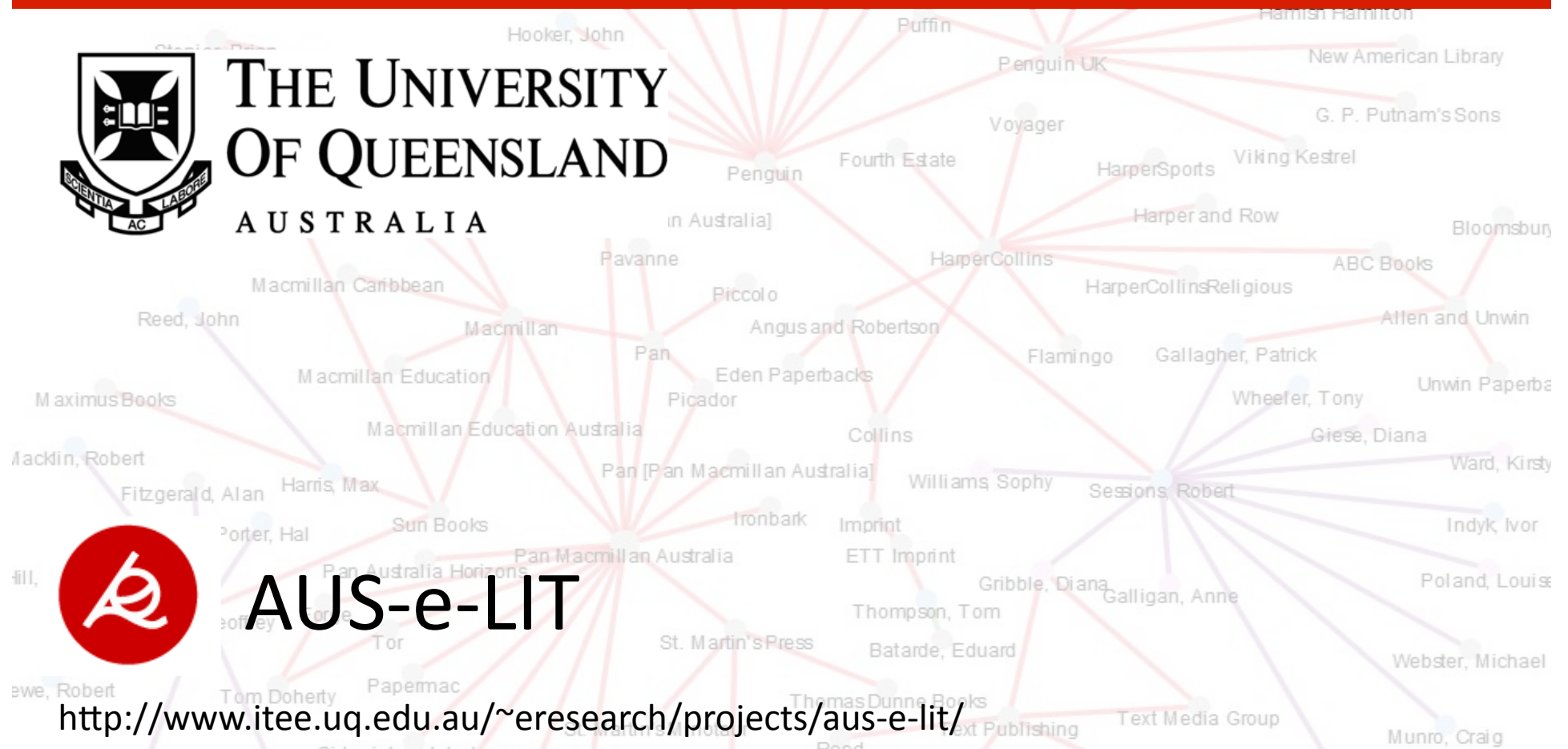


THE UNIVERSITY  
OF QUEENSLAND  
AUSTRALIA



AUS-e-LIT

<http://www.itee.uq.edu.au/~eresearch/projects/aus-e-lit/>



# AustLit

- ➔ AustLit is a partnership between the National Library of Australia and twelve universities
- ➔ Research activities focused around communities
- ➔ Aus-e-Lit services extend AustLit web portal

The screenshot displays the AustLit website interface. On the left is a red navigation menu with the following items: AUSTLIT (with logo), The Australian Literature Resource, AUSTLIT TODAY, ABOUT, RESEARCH COMMUNITIES (highlighted), ANTHOLOGY OF CRITICISM, TEACHING AUSTRALIAN LITERATURE, AUS-E-LIT, NEWSLETTER, CURRENT ISSUE (with sub-item Black Words effews), SUBSCRIBE, FREE BROWSE, SET UP AN EMAIL ALERT, FULL TEXT, CONTACT US, and HELP. Below the menu, it states: 'AustLit is a not-for-profit education and information resource' and provides database statistics: 681,605 works, 122,107 agents, and 28,331 subjects, last amended 18 Jun 2010. The main content area features a 'QUICK SEARCH' section with search options for Keyword, Author, and Title, a search box with a 'GO' button, and a 'Federated ?' link. Below this is a list of search categories: AUSTRALIAN BOOK HISTORY AND PRINT CULTURE, AUSTRALIAN MAGAZINES, AUSTRALIAN POPULAR MEDIEVALISM, AUSTRALIAN POPULAR THEATRE, BANNED IN AUSTRALIA, BIBLIOGRAPHY OF AUSTRALIAN LITERATURE, BLACK WORDS, CHILDREN'S LITERATURE, DRAMA, MULTICULTURAL, POPULAR FICTIONS, RESOURCEFUL READING, RESPONSES TO 'ASIA', REVERSE DIASPORA, SA WOMEN, TASMANIA, WESTERN AUSTRALIA, and WRITING THE TROPICAL NORTH. On the right side, there is a 'RESEARCH COMMUNITIES' section with a 'WELCOME TO AUSTLIT'S RESEARCH COMMUNITIES' heading, a 'Research Communities' banner with an illustration of a man, and text explaining that AustLit supports and assists projects that promote Australia's literary and print culture. It also states that AustLit Research Communities are developed individually or in groups to explore specific information about particular aspects of the interface. At the bottom, it mentions 'Outcomes from these collaborative projects are available as individual and searchable filtered sets of bibliographies that reflect the specialist research interests of individual researchers. Many of the projects have been funded by the Research Council, internal university funding.'

# AustLit Data Model

MENU



**AUSTLIT**

The Australian Literature Resource

## QUICK SEARCH

Keyword  Author  Title

[Guided Search](#)  
[Advanced Search](#)  
[Thesaurus Search](#)

WORK DETAILS

## The Drover's Wife

SHORT STORY

Author: [Lawson, Henry](#) (birth name: Larsen, Henry (Lawson)) (a.k.a. H. L.)

General subjects: [Snakes & serpents](#) [Isolation \(Emotional & social\)](#)  
[Country life](#) [Drovers](#)  
[Women](#) [Families](#)  
[Dogs](#) [Fear](#)  
[Courage & bravery](#) [Bush](#)

Influence on: [\[Untitled\] - Crisp, Louise](#)

Related To: [The Drover's Wife](#) SHORT STORY - [Bail, Murray](#) (1970)  
[The Drover's Wife](#) SHORT STORY SATIRE HUMOUR - [Moorhouse, Frank](#) (1980)  
[The Drover's Wife](#) SHORT STORY SATIRE - [Jefferis, Barbara](#) (1980)  
[The Drover's De Facto](#) SHORT STORY - [Gambling, Anne](#) (1986)  
[The Drover's Wife's Dog](#) SHORT STORY SCI-FI - [Broderick, Damien](#) (1991)  
[The Bush Undertaker and the Drover's Wife](#) DRAMA - [Lawson, Henry](#); [Morritt, Stewart](#) (2005)

This work has appeared in at least 4 different versions:

1. Publications of this version include the following 32:
  - [The Bulletin](#) vol.12 no.649 23 July 1892 PERIODICAL ISSUE (pp.21-22)  
[Find the full text at University of Queensland Library](#)
  - [Short Stories in Prose and Verse](#) SELECTED WORK POETRY PROSE SHORT STORY  
Author: [Lawson, Henry](#) (birth name: Larsen, Henry (Lawson)) (a.k.a. H. L.)  
Sydney, New South Wales : [Louisa Lawson](#), [1894].  
(pp.26-39)

Work

Agent

Expression

Manifestation

# Aus-e-Lit

## Aus-e-Lit Team

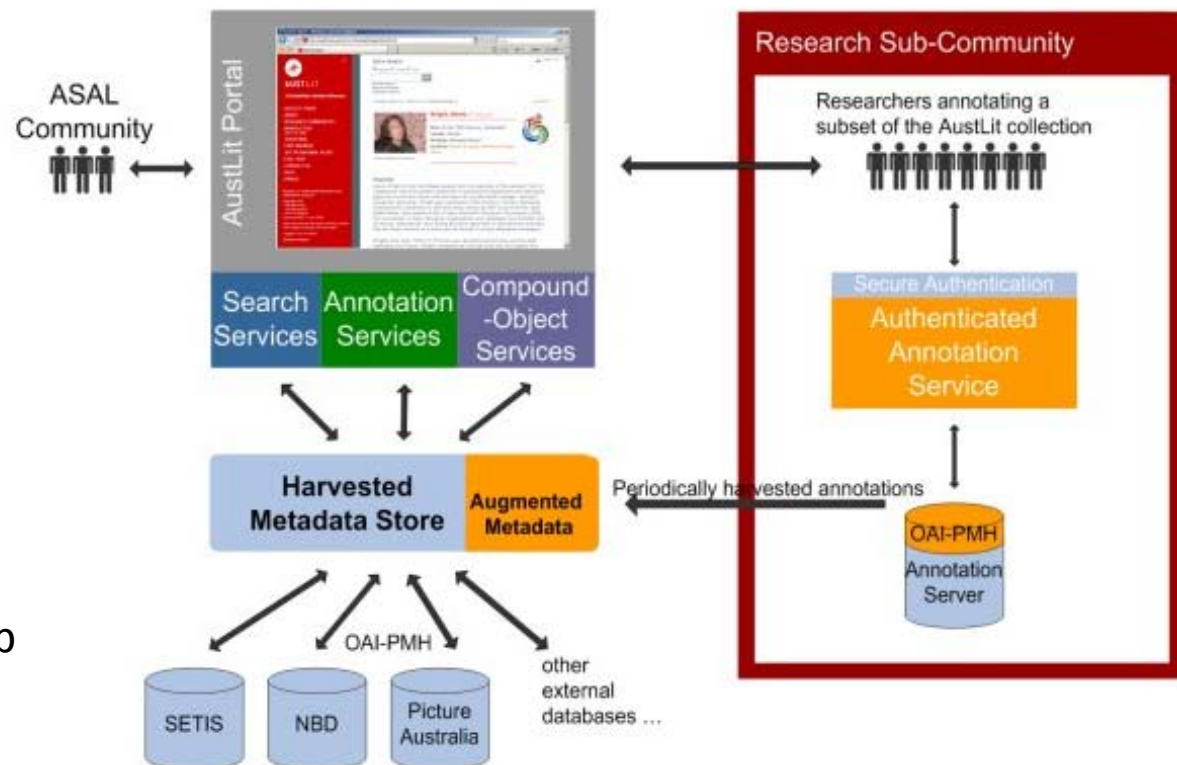
Jane Hunter, ITEE eResearch Lab

Kerry Kilner, EMSAH

Roger Osborne, EMSAH

Anna Gerber, ITEE eResearch Lab

Damien Ayers, ITEE eResearch Lab



# Aus-e-Lit: LORE

- LORE (Literature Object Re-use and Exchange) Firefox browser extension allows scholars to:
  - **Gather** web resources, organise and tag them, describe links between them and make notes about them.
  - **Publish** this information to shared repositories as compound objects.
  - **Discover** and reuse compound objects that others have created about related topics and web resources.
  - **Present** information from compound objects as slideshows and diagrams.

The image displays two screenshots of the Compound Objects Firefox extension interface. The top screenshot shows a graphical editor with a network diagram of compound objects. The nodes include:

- AustLit Agent: 'Rudd, Steele'** (377 works by all writing names, 1 work)
- AustLit Agent: Stephens, Alfred George** (223 works by all writing names, 5 works)
- Dedication to On** (http://ia341033.us.ar)
- AustLit Work: On Our Selection (1899)** (http://www.austlit.edu.au/run?ex=ShowW)
- On Our Selection (1899) Digitised** (http://www.archive.org/stream/onourselect)

Relationships shown in the diagram include: **collaborates\_with** (between Rudd, Steele and Stephens, Alfred George), **has\_author** (from Stephens, Alfred George to Dedication to On), and **is\_excerpt\_from** (from On Our Selection (1899) Digitised to On Our Selection (1899) Dedication).

The bottom screenshot shows the 'Properties' view for a compound object. It includes a table of properties and a detailed description of the agent 'Rudd, Steele'.

Property Name	Value
Compound Object	http://austlit.edu.au/rem/0a
dcterms:modified	Thu Sep 23 2010 15:40:33
dcterms:created	2010-04-22
dc:creator	Roger Osborne
dc:title	On Our Selection (1899) D
dcterms:abstract	The creation of the Rudd F

**Resource Properties**

Property Name	Value
resource	http://www.austlit.edu.au/
dc:title	AustLit Agent: 'Rudd, Stee
dc:format	text/html, charset=UTF-8

**Relationships**

From	Rel.	To
Dedication to Or	has_a	AustLit Agent: '1
AustLit Agent: '1	collabo	AustLit Agent: 5

**Compound Object Properties**

AustLit: The Australian Literature Resource

**'Rudd, Steele'** (377 works by all writing names, 1 work published or printed by)

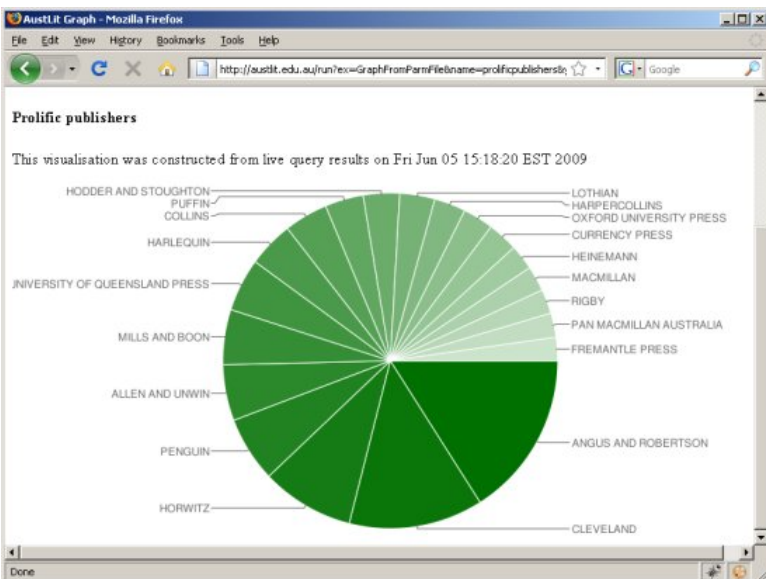
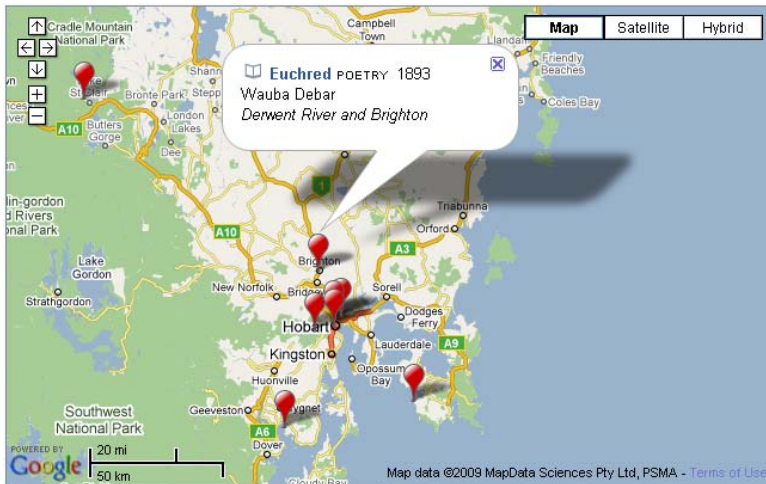
(birth name: Davis, Arthur Hoey ) (a.k.a. Davis, A. H. )  
**Also writes as:** Rudder, Steele; Davis, Arthur H. (3 works)  
**Born:** 14 Nov 1868 Drayton, Queensland  
**Died:** 11 Oct 1935 Brisbane, Queensland  
**Gender:** Male  
**Archives:** Search for literary archives for 'Rudd,

**AustLit Agent: 'Rudd, Steele'**

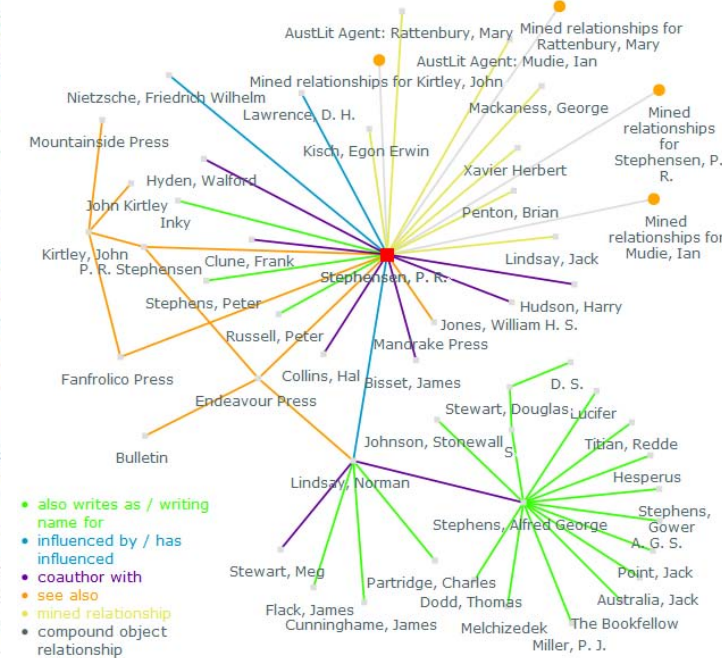
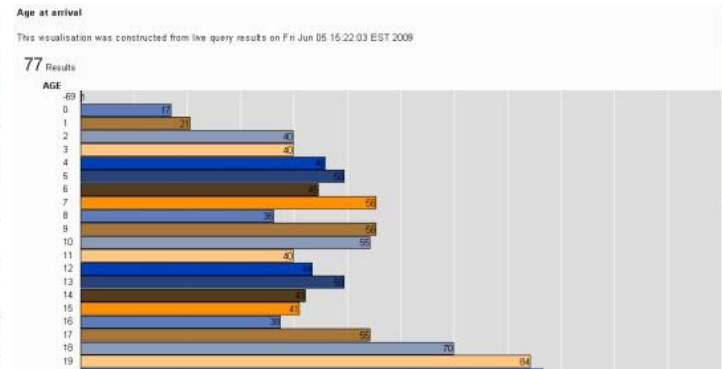
**Collaborates\_with:** AustLit Agent: Stephens, Alfred George

Viewing http://www.austlit.edu.au/run?ex=ShowAgent&agentId=A%2bTs from On Our Selection (1899) Dedication

# Aus-e-Lit: Data Visualisation



Aboriginal Australians  
 Aboriginal culture  
 Aboriginal-White relations  
 Actors Ageing Alcoholic  
 intoxication Artists Australian  
 culture Australian identity  
 Australian landscape  
 Australian literature &  
 writers Australian poetry  
 Australian politics Australians  
 overseas Beaches Birds  
 Characterisation  
 Children Christmas  
 Conflicts Country life  
 Courtship Crosscultural  
 relations Death Death  
 of a loved one Despair  
 Domestic life Dreams  
 Effects of war Families  
 Family relationships  
 Farms & farming Fathers &  
 daughters Fathers & sons  
 Fear Friends &  
 friendship Further  
 reader interpretation  
 recommended Grief  
 Growing up Horses Human  
 condition Human relations  
 illness Introspection &  
 introversion Landscape  
 Landscape & identity Life  
 cycle Literature & writers  
 Loneliness Loss Lost love  
 Love Love affairs  
 Layers Male / female



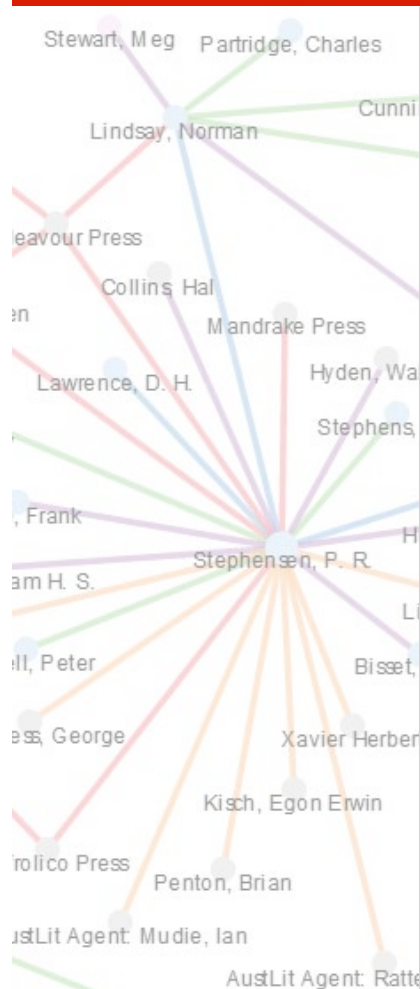
# Visualisation Survey

- Do you use visualisation tools to inform your research?
- Do you communicate these visualisations through your publications?

<http://www.myanswers.mobi/eresearch/>

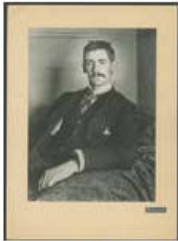
Program > Day 3 - Wed > Visualising ... > Speaker Surveys

# Agent Network Visualisation



- Explicit relationships
  - Stored in the AustLit database
- Derived relationships
  - Derived from database queries
- Mined relationships
  - Extracted from text fields e.g. biographies
- Contributed relationships
  - From LORE Compound Objects

# Agent Relationships



By permission of the NLA

**Lawson, Henry** (1416 works by all writing names )

(birth name: Larsen, Henry (Lawson) ) (a.k.a. H. L. )

**Also writes as:** Swallow, Joe (1 work); An Australian Exile (1 work); Tally (7 works); The Exile (10 works); Smoko (?); Cornstalk, Jack; The Ghost (13 works); Rumpfellow; Wright, Cervus; Larsen, Henry Hertzberg (1 work)

**Born:** 17 Jun 1867 Grenfell, New South Wales

**Died:** 2 Sep 1922 Abbotsford, New South Wales

**Gender:** Male

**Archives:** [Search for literary archives for Lawson, Henry](#)

Explicit relationships  
(also writes as)

**Jack London and Henry Lawson**

SELECTED WORK SHORT STORY

> LIBRARY HOLDINGS

FIND LIBRARY HOLDINGS IN TROVE (EXPERIMENTAL)

Derived relationship  
(co-author)

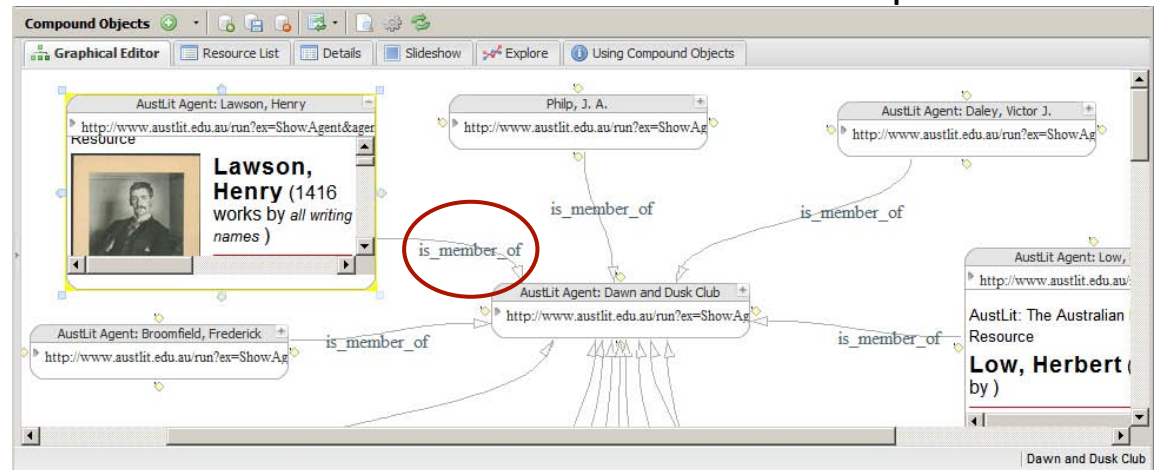
Authors: **Lawson, Henry** (birth name: Larsen, Henry (Lawson) ) (a.k.a. H. L.) and **London, Jack** and Editor: **Jones, Esmor**

## Biography:

Henry Lawson was born at Grenfell, New South Wales, in 1867 to Niels Hertzberg (Peter) Larsen and his wife **Louisa Lawson** (q.v.). His name was registered as 'Henry (Lawson) Larsen' and both his father and mother later used the anglicised version of their name. Lawson was educated briefly at several schools, but was sometimes kept home by his father to help with his carpentry. At the age of nine Lawson experienced problems with his ears and suffered partial deafness for the rest of his life. Lawson worked for his father until 1883 when he joined his mother, Louisa, in Sydney. Here he worked as a coach painter and became interested in the republican movement. He also assisted his mother with her periodical, the *Republican*, in which Lawson published his first prose piece. His first poem, 'A Song of the Republic', was published by the *Bulletin* in 1887.

Mined relationship

## LORE: Contributed relationship



# Demonstration and Discussion

The Australian Literature Resource      AGENT DETAILS > AGENT NETWORK VISUALISATION      COMMENT?

**Explore**

Explore relationships between AustLit agents.

Showing network for:

**Daley, Victor J.**  
(711 works by)

Example networks

History

Search

Copyright      Email: [info-austlit@austlit.edu.au](mailto:info-austlit@austlit.edu.au)

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**Compound Objects**      Graphical Editor      Resource List      Details      Slideshow      Explore      Using Compound Objects

**Compound Object Properties**

**Resource Properties**

Property Name	Value
resource	<a href="http://www.austlit.edu.au/run?ex=ShowAgent&amp;agent=Daley%2C+Victor+J.">http://www.austlit.edu.au/run?ex=ShowAgent&amp;agent=Daley, Victor J.</a>
dc:title	AustLit Agent: Daley, Victor J.
dc:format	text/html; charset=UTF-8

**Relationships**

From	Rel.	To
AustLit Agent: Daley, Victor J.	is_member_of	AustLit Agent: Dawn and Dusk Club

**AustLit Agent: Lawson, Henry**  
http://www.austlit.edu.au/run?ex=ShowAgent&agent=Lawson%2C+Henry+1416+works+by+all+writing+names  
Lawson, Henry (1416 works by all writing names)

**Philp, J. A.**  
http://www.austlit.edu.au/run?ex=ShowAgent&agent=Philp%2C+J.+A.

**AustLit Agent: Dawn and Dusk Club**  
http://www.austlit.edu.au/run?ex=ShowAgent&agent=Dawn+and+Dusk+Club

**AustLit Agent: Broomfield, Frederick**  
http://www.austlit.edu.au/run?ex=ShowAgent&agent=Broomfield%2C+Frederick

**AustLit Agent: Low, Herbert**  
http://www.austlit.edu.au/run?ex=ShowAgent&agent=Low%2C+Herbert

**AustLit: The Australian Literature Resource**  
Low, Herbert (0 works by)

Dawn and Dusk Club

# Funding Acknowledgements

The Aus-e-Lit project is supported by the Australian National Data Service (ANDS), the Australian Research Collaboration Service (ARCS) and The University of Queensland.



ANDS is supported by the Australian Government through the National Collaborative Research Infrastructure Strategy Program and the Education Investment Fund (EIF) Super Science Initiative

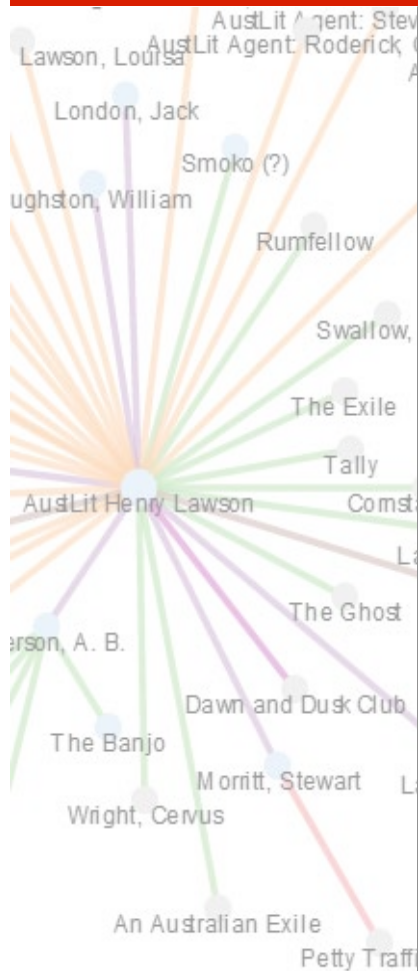


**Australian Government**  

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**Department of Innovation  
Industry, Science and Research**

# Questions?



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<http://itee.uq.edu.au/~eresearch/>

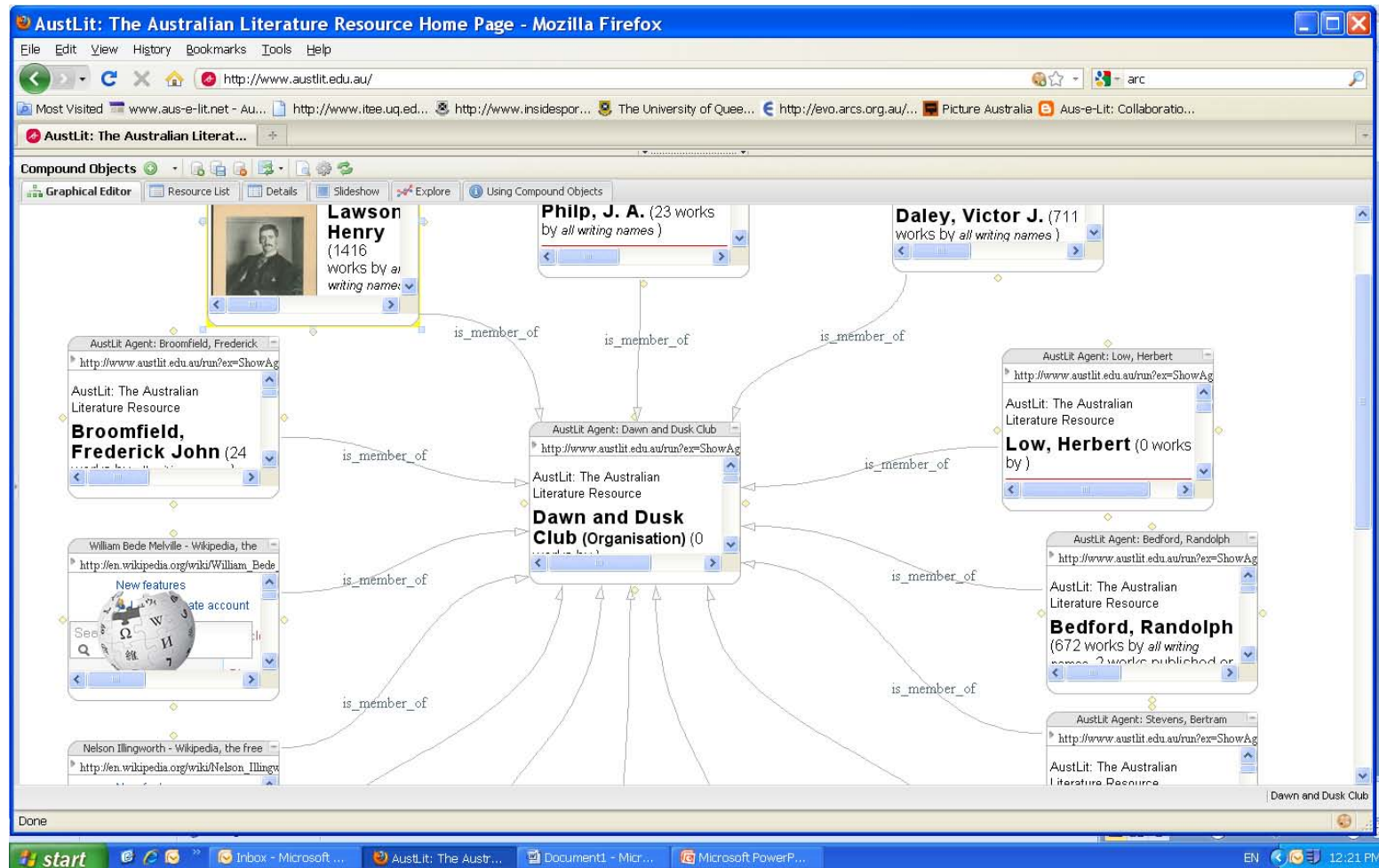
<http://www.austlit.edu.au/>

# Supplementary Material

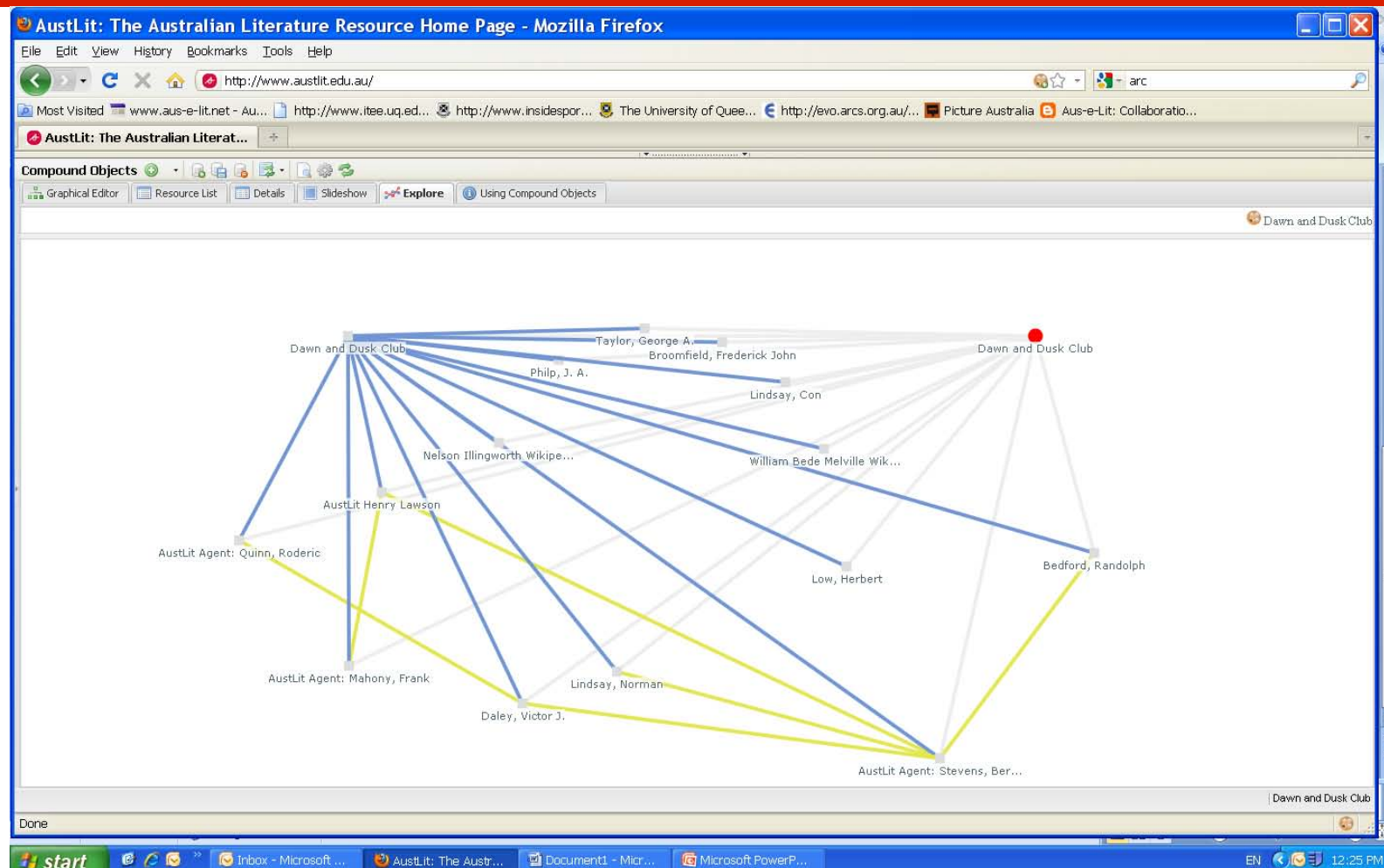
Slides showing examples covered in the demonstration and discussion



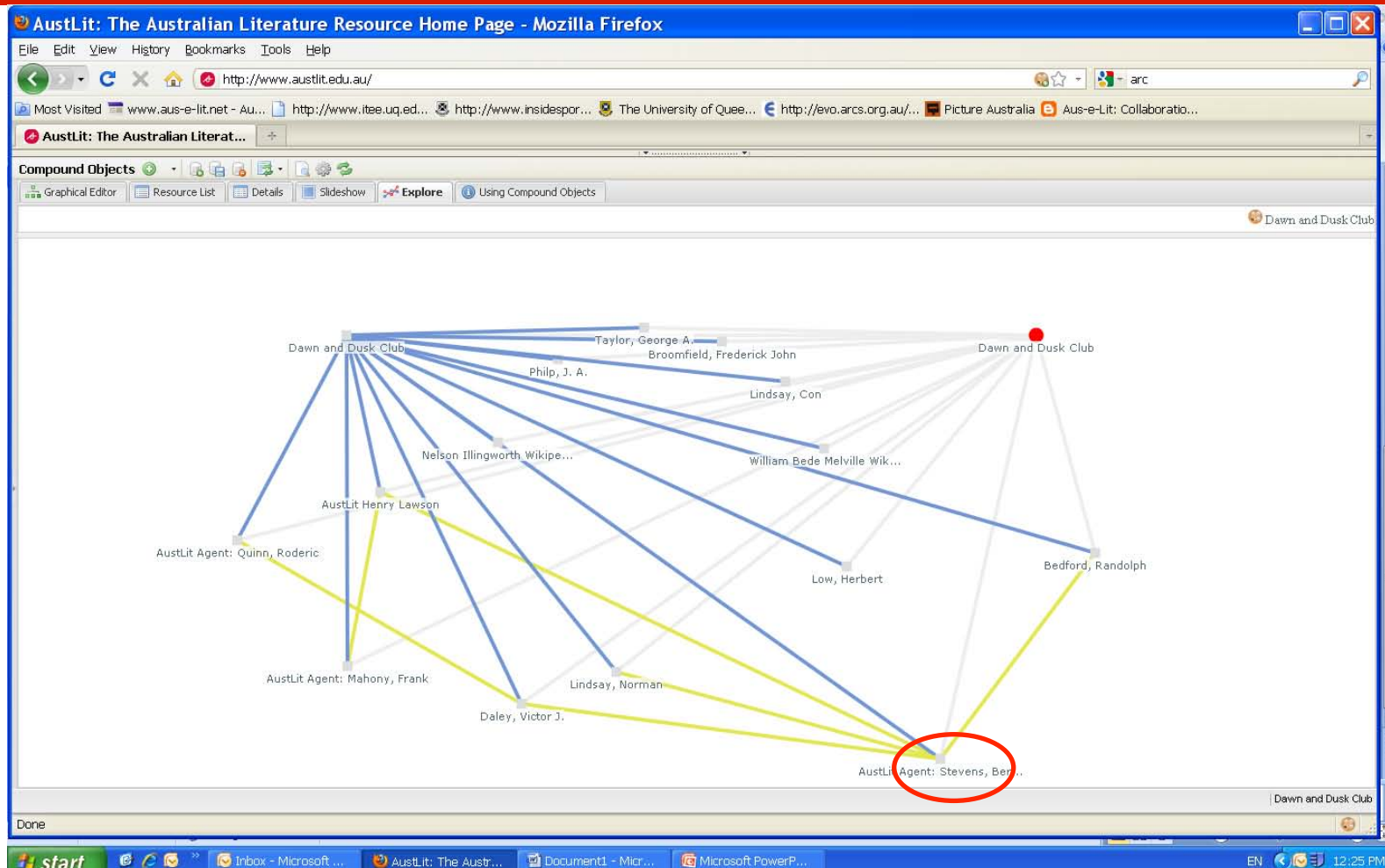
# Dawn and Dusk Club



# LORE Explore: Dawn and Dusk Club



# LORE Explore: Bertram Stevens



# AustLit Research Communities: Reverse Diaspora

Reverse Diaspora: Australian Expatriate Writers in Britain since the 1830s - Mozilla Firefox

http://www.austlit.edu.au/specialistDatasets/ReverseDiaspora#

RESEARCH COMMUNITIES > REVERSE DIASPORA

REVERSE DIASPORA: AUSTRALIAN EXPATRIATE WRITERS IN BRITAIN SINCE THE 1830S

**REVERSE DIASPORA:**  
AUSTRALIAN EXPATRIATE WRITERS  
SINCE THE 1830s

**Contents**

- About
- Contributors
- Authors

**About - An ARC Discovery Project 2008-2010**

Reverse Diaspora explores the lives and creative work of Australian expatriate writers in Britain since the early nineteenth century. Contesting the notion of Australia as a predominantly 'import' culture, this project shows Australians 'exporting' literary talent and creativity to Britain and further afield. A unique collaborative venture by Australian literature specialists in Australia and Britain, Reverse Diaspora will be the first historically comprehensive, detailed examination of expatriate Australian writers at work in Britain.

The changing relations between Australia and Britain are explored in this project through writers of literature and drama. Reverse Diaspora explores the aspirations, problems and achievements of approximately eighty expatriate Australians who have chosen to live and work in Britain since the early nineteenth century. From one point of view they represent a 'brain drain', from another they are exporters of Australian ideas, experience and talent. This study will increase knowledge and understanding of the lives, creative achievements and public impact of Australians abroad. It will enhance Australians' capacity to interpret their national culture in their region and the world.

# LORE: Tennant Lost Haven

The screenshot shows a Mozilla Firefox browser window titled "Australian Book History and Print Culture - Mozilla Firefox". The address bar displays the URL <http://www.austlit.edu.au/specialistDatasets/BookHistory>. The browser's search bar contains the keyword "naomi".

The main content area features a "Graphical Editor" with three nodes representing compound objects:

- AustLit Lost Haven**: A node with a URL <http://www.austlit.edu.au/run?ex=ShowWc> and a "NOVEL" category.
- Naomi Burton**: A node with a URL <http://query.nytimes.com/gst/fullpage.html> and a "The New York Times" category.
- AustLit Agent: Tennant, Kylie**: A node with a URL <http://www.austlit.edu.au/run?ex=ShowAg> and a "Tennant Kylie (18...)" category.

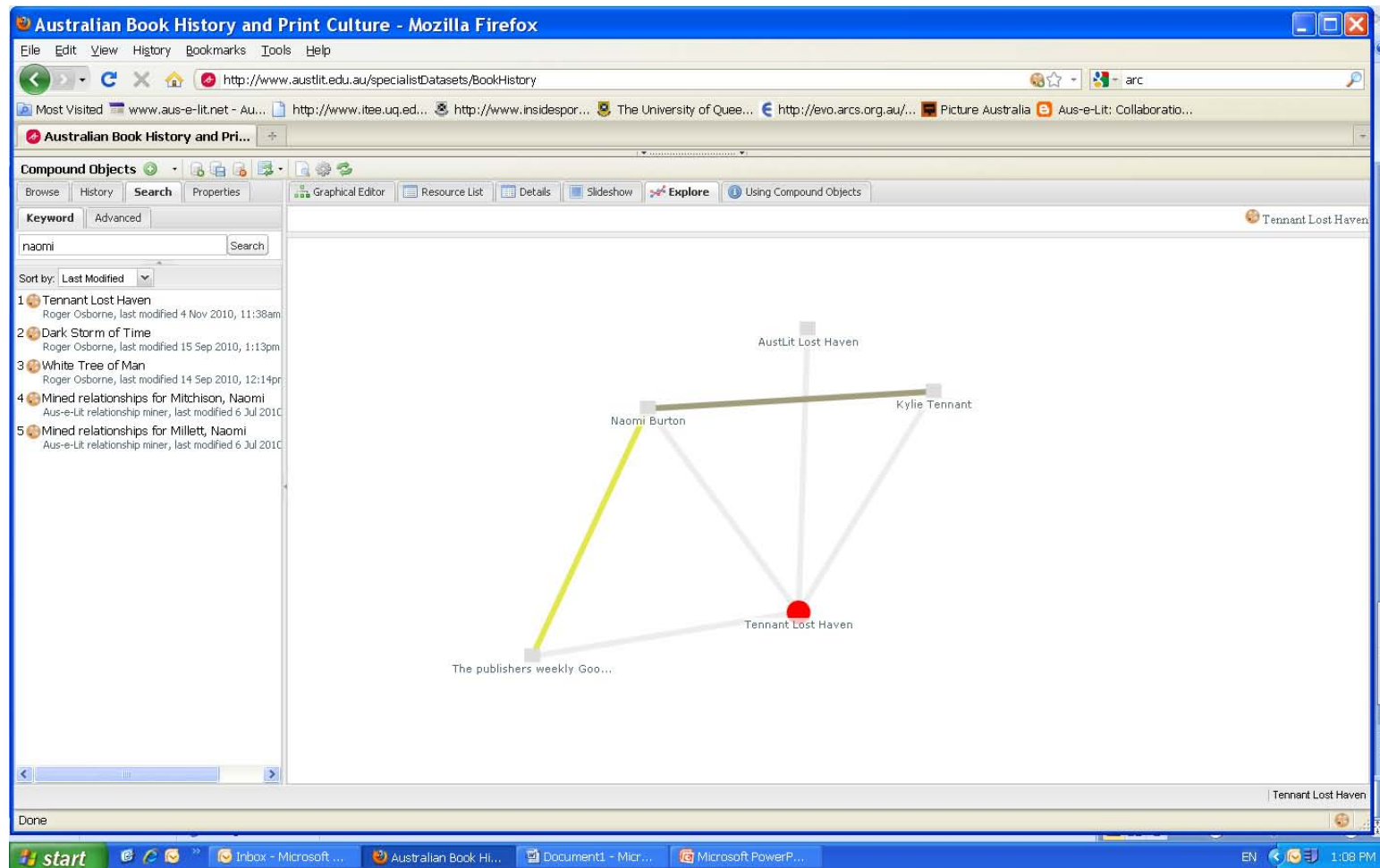
Relationships are shown between the nodes:

- An arrow labeled "is\_literary\_agent\_of" points from the "Naomi Burton" node to the "AustLit Agent: Tennant, Kylie" node.
- An arrow labeled "relation" points from the "Naomi Burton" node to the "The publishers weekly - Google Books - biography snippet" node.

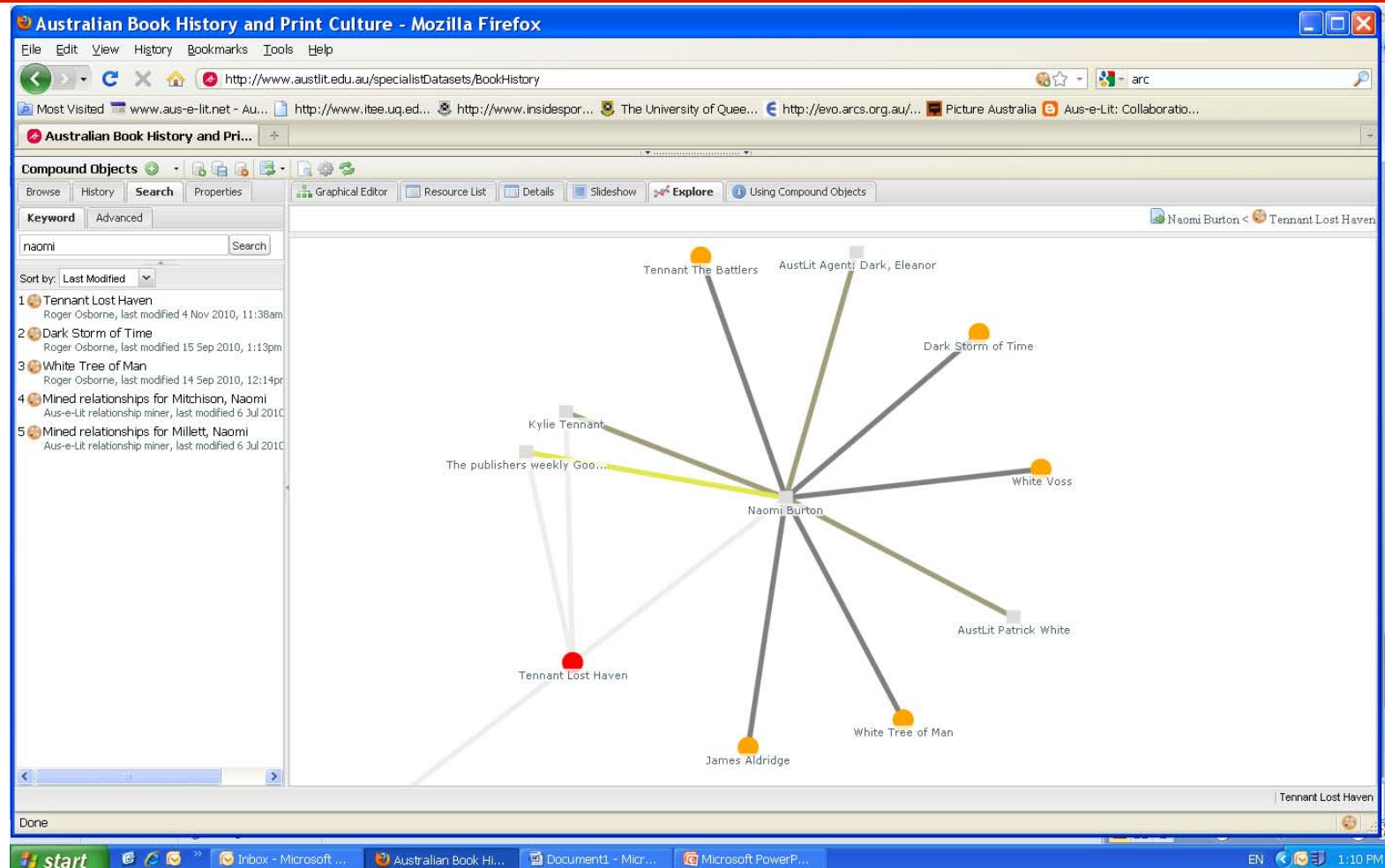
The search results on the left side of the browser window are as follows:

- 1 Tennant Lost Haven  
Roger Osborne, last modified 4 Nov 2010, 11:36am
- 2 Dark Storm of Time  
Roger Osborne, last modified 15 Sep 2010, 1:13pm
- 3 White Tree of Man  
Roger Osborne, last modified 14 Sep 2010, 12:14pm
- 4 Mined relationships for Mitchison, Naomi  
Aus-e-Lit relationship miner, last modified 6 Jul 2010
- 5 Mined relationships for Millett, Naomi  
Aus-e-Lit relationship miner, last modified 6 Jul 2010

# LORE Explore: Tennant Lost Haven



# LORE Explore: Naomi Burton



# LORE Explore: Nat Phillips

