

Extending the Library Role to Teaching and Learning

PRESENTATION SUBTITLE

Tamar Sadeh, PhD | Director of URD Strategy

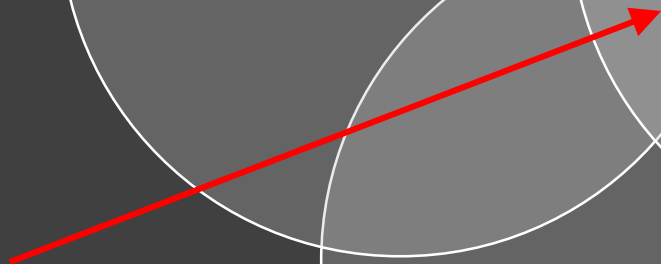
How do libraries support teaching and learning?

Academics

Students

Libraries

Course
Reading
Lists



**What are course reading lists? Or
should we say, course resource lists?**

Course Resource Lists

Structured, annotated lists of resources of all types that together present the literature that students need to read, watch, or process in other ways to become acquainted with a topic.

Such lists typically also offers additional resources that can expand the students' basic knowledge.

Often, a resource list serves as an undergraduate's first encounter with scholarly materials and a university library.

Current Challenges



Academics

- Very busy; hard to engage them
- Not familiar with copyright laws
- Need multiple channels for sharing resources
- Wish, or obliged to provide resource lists
- Have no means to follow up



Students

- No one place for all resources
- Resources are not always available. Or accessible.
- Sometimes, long and cryptic resource lists
- One way channel



Libraries

- Struggle to receive the lists from academics; many lists remain a mystery
- Have no robust workflows
- Invest a lot of manual work
- Concerned about copyright infringement threats
- Cannot get comprehensive usage information



Institutions

- Concerned about inefficient and costly practices
- Alarmed about risks related to copyright breaches
- Highly interested in student engagement and retention

The Ex Libris Approach

- Make it as easy as possible
- Go one step beyond

- Provide great lists, including all materials
- Engage

Academics **Students**

Libraries

- Streamline workflows and increase efficiencies
- Help the library extend its reach



**Leganto is a collaborative, cloud-based
course resource list solution
serving academics, students, and librarians.**



< BACK

Butterflies: Introduction

Butterflies are part of the class of insects in the order Lepidoptera, along with the moths. Adult butterflies have large, often brightly coloured wings, and conspicuous, fluttering flight. The group comprises the large

Collaborators

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Reading Lists
14 listsMy Collection
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ExLibris

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Core Materials



Collabo

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Building a
list together

BOOK

[Add tags to item](#)

2 2 15



BOOK

The Royal Entomological Society Book of British Insects

Barnard, Peter C., Wiley, 2011.

[Complete](#)[Optional Reading](#)

1 6



BOOK

The Illustrated World Encyclopedia of Butterflies and Moths: A Natural History and Identification Guide

Sally Morgan, Lorenz Books (March 16, 2013), March 16, 2013

[Complete](#)[Mandatory Reading](#)

This reference book will be useful throughout your studies.

4 4 93

Engaging
the
students

Additional Reading



For those planning to take course B345 (Insecta - Lepidoptera)



ARTICLE

Butterfly Density and Behaviour in Uncut Hay Meadow Strips: Behavioural Ecological Consequences of an Agri-Environmental Scheme

Lebeau, Julie; Wesselingh, Renate A.; Van Dyck, Hans, PLoS ONE PLoS ONE. 8/18/2015, Vol. 10 Issue 8, p1-17. 17p., 10, (8), 1 - 17

[Complete](#)[Add tags to item](#)[View online](#)

1 35

Collaborators

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Tamar Sadeh

[Manage collaborators](#)

Suggestions (5)

The following material is suggested for this course

**Butterfly Conservation in South-Eastern Australia: Progress and Prospects**
New, Tim R.

Suggested by Dana Rain

**Ecology and conservation of butterflies**
Andrew S. Pullin; British Butterfly Conservation Society.

Suggested by Michael Sadeh

**A World for Butterflies: Their Lives, Behavior and Future**
Phillip Schappert (Author)

Suggested by Michael Sadeh

**Life cycle of a butterfly**
Royston, Angela. ; ©1998



BOOK

The Illustrated World Encyclopedia of Butterflies and Moths: A Natural History and Identification Guide

Sally Morgan, Lorenz Books (March 16, 2013), March 16, 2013

Complete

Mandatory Reading

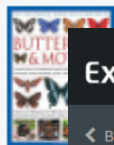
This reference book will be useful throughout your studies.

4 4 93

Indicating

Annotating

Knowing
what
students do
and think



ExLibris

← BACK

BOOK

Reading Lists
14 lists

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Notifications
1 new messages



The Illustrated World Encyclopedia of Butterflies and Moths: A Natural History and Identification Guide

Author: Sally Morgan

Type: Book

Publication Date: March 16, 2013

ISBN: 978-0754818847

OCLC Number: (OCoLC)17361722

Place of publication: New York, N.Y.

[More details -](#)

Mandatory Reading

Due Date

Due Date



Public note

This reference book will be useful throughout your studies.

Private note

Perhaps point my students to specific pages?

Library status

1 comments in the discussion thread with the library

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Making
everything
clear

Discussing
and
engaging

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David Hume 10/19/2015

Adored for their beauty and variety, butterflies and moths captivate nature enthusiasts all over the world. Yet these exquisite insects, which comprise the animal grouping Lepidoptera, are not only attractive to watch but are of immense biological importance.



David Hume 10/19/2015

Simply a beautiful book. Everything I hoped for and more. Well organized with large illustrations in stunning detail and color. Easily understood information about each specimen.



Shiri Katz 10/19/2015

Wonderfully clear & precise.....My only criticism is not enough Moths were included.....But in all a very valuable reference book.



Shlomi Kringel 10/21/2015

This is a wonderful reference. Truly does a wonderful breakdown on their habitats, life cycle & identification. Well worth purchasing

Share your questions and thoughts about this

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The Illustrated World Encyclopedia of Butterflies and Moths: A Natural History and Identification Guide

Author: Sally Morgan
 Type: Book
 Publication Date: March 16, 2013
 ISBN: 978-0754818847
 OCLC Number: (OCoLC)17361722
 Place of publication: New York, NY

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Due Date

Due Date



Public note

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Private note

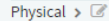
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Library status

1 comments in the discussion thread with the library

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Physical



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Location: Main Library General [Locate](#) [Hide Details](#)

Availability: (1 copy, 0 available, 0 requests)

1 - 1 of 1 Records

Barcode	Type	Policy	Description	Status
40482-10	Book	4 Week		In transit until 05/17/2016

Appears on these reading lists

[Butterflies: Introduction](#) > [Core Materials](#)

[Demo Butterflies: Introduction](#) > [Core Materials](#)

Real-time
availability

Other list
using this
item

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David Hume 10/19/2015
 I have been fascinated for their beauty and variety, butterflies and moths captivate nature enthusiasts all over the world. Yet these exquisite insects, which comprise the animal grouping Lepidoptera, are not only attractive to watch but are of immense biological importance.

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Share your questions and thoughts about this



ARTICLE

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Lebeau, Julie; Wesselingh, Renate A.; Van Dyck, Hans, PLoS ONE PLoS ONE. 8/18/2015, Vol. 10 Issue 8, p1-17. 17p., 10, (8), 1 - 17

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Linking
appropriately!

What else can I
use?

Related reading

We found 9 other items that might be of value to you

POWERED BY



The importance of the gr...

Lenda, Magdalena 2012
180-190 1873-2917

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Habitat area, quality and..

Hodgson, Jenny A 2011
148-152 1365-2664

✓ ADD



Urban biodiversity: patte..

Faeth, Stanley H 2011 69-81
1749-6632

✓ ADD

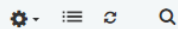


Collecting items in a 'basket'

1. Introduction

part of the class of insects in the order Lepidoptera, along with the moths. Adult butterflies are large, often brightly coloured wings, and conspicuous, fluttering flight. The group comprises the superfamily Papilionoidea, along with two smaller groups, the skippers (superfamily Hesperiidae) and the moth-butterflies (superfamily Hedyloidea). Butterfly fossils date to the Palaeocene, about 55 million years ago. (Wikipedia)

PUBLISHED 401-INT Updated 7 days ago 16 items in 4 sections 0/16 items



NEW SECTION



Documents



Course Syllabus

Dr. Robert Hopper, 2015

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Mandatory Reading

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12

Core Materials



Peterson Field Guide to Western Butterflies

Houghton Mifflin Harcourt Publishing Company

Complete



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English

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Suggestions (5)

The following material is suggested for this course



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Suggested by Dana Rain



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Suggested by Michael Sadeh



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Phillip Schappert (Author)

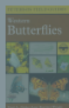


Suggested by Michael Sadeh



Life cycle of a butterfly
Royston, Angela. ; ©1998

Core Materials



BOOK

Peterson Field Guide to Butterflies
Houghton Mifflin Harcourt
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BOOK

Butterflies
DeVries, Philip J., 2013
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VIDEO

Animal Planet 2015 - 1
Documentary [HD 720p]
Animal Planet 2015 HD, 720p
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KAUFMAN

Butterflies of North America (Kaufman Field Guides)
Jim P. Brock (Author), Houghton Mifflin Harcourt (September 1, 2006), September 1, 2006

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Simple Search

Advanced Search

conservation butterflies

Search in: Alma University & Primo Central ▾

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Search results 5834

**A Resource-Based Habitat View for Conservation**

Dennis, Roger L. H
United States: Wiley-Blackwell
Publication Place : Hoboken :
ISBN : 1405199458

ADD

**Applying IUCN Red List criteria at a small regional level: A test case with butterflies in Flanders (north Belgium). (Report)**

Maes, Dirk ; Vanreusel, Wouter ; Jacobs, Ilf ; Berwaerts, Koen ; Van Dyck, Hans

**The importance of the gravel excavation industry for the conservation of grassland butterflies**

Lenda, Magdalena ; Skórka, Piotr ; Morón, Dawid ; Rosin,



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English ▾

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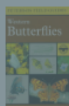


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Life cycle of a butterfly
Royston, Angela. ; ©1998

Core Materials



Peterson Field Guide to
Houghton Mifflin Harcourt
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BOOK

Butterflies
DeVries, Philip J., 2013
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VIDEO

Animal Planet 2015 - Butterflies
Documentary [HD 720p]
Animal Planet 2015 HD, Apr 11, 2015

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Butterflies of North America (Kaufman Field Guides)
Jim P. Brock (Author), Houghton Mifflin Harcourt (September 1, 2006), September 1, 2006

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Title: Glaucopsyche lygdamus

Author: Tom Murray

Type: Image

Source: Art Shapiro's Butterfly Site

File name: m_G_lygdamus1.jpg

☐ This file was authored by me and does not require copyright clearance

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Notes:

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Eastern Australia: Progress and
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Andrew S. Pullin; British Butterfly
Conservation Society.



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A World for Butterflies: Their Lives,
Behavior and Future
Phillip Schappert (Author)



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Royston, Angela.; ©1998

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onlinelibrary.wiley.com/doi/10.1111/j.1365-2664.2010.01919.x/full

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British Ecological Society
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FORUM

Habitat area, quality and connectivity: striking the balance for efficient conservation

Jenny A. Hodgson, Atte Moilanen, Brendan A. Wintle, Chris D. Thomas

First published: 22 December 2010 Full publication history
DOI: 10.1111/j.1365-2664.2010.01919.x View/save citation
Cited by: 72 articles Refresh Citing literature

Am score 1

Correspondence author. E-mail: jenny.hodgson@york.ac.uk

Summary

1. Population viability can depend on habitat area, habitat quality, the spatial arrangement of habitats (aggregations and connections) and the properties of the intervening non-breeding (matrix) land. Hodgson *et al.* [Journal of Applied Ecology 46 (2009) 964] and Doerr, Barrett & Doerr [Journal of Applied Ecology, 2011] disagree on the relative importance of these landscape

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Title: Habitat area, quality and connectivity: striking the balance...
Author: Hodgson, Jenny A., Moilanen, Atte, Wintle, Brendan A., Th...
Type: Article

Journal Title: Journal of Applied Ecology
Volume: 48 Issue: 1
Publication Date: 2011/02/01 ISSN: 1365-2664
Start page: 148 End page: 152
Source: http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2664.2010.01919.x/full

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18:15
29-Jun-16

The screenshot displays a web browser with multiple tabs open. The primary focus is on two ScienceDirect article pages, each with a yellow 'Add this to my collection' pop-up overlay.

Top Article (ScienceDirect):

- Title:** Using a phenological network to assess weather influences on first appearance of butterflies in the Netherlands
- Author:** Henk-Jan van der Kolk, Michiel F. WallisDeVries, Arnold J.H. van Vliet
- Journal Title:** Ecological Indicators
- Volume:** 69
- Issue:** (blank)
- Publication Date:** 12 October 2015
- ISSN:** (blank)
- Start page:** 205
- End page:** 212
- Source:** <http://www.sciencedirect.com/science/article/pii/S1470160X160302035>

Bottom Article (Springer Link):

- Title:** Effects of fertilization and elevated CO₂ on larval food and butterfly nectar amino acid preference in *Coenonympha pamphilus* L.
- Author:** Jovanne Mevi-Schütz, Marcel Goverde, Andreas Erhardt
- Journal Title:** Behavioral Ecology and Sociobiology
- Volume:** 54
- Issue:** 1
- Publication Date:** 2003/06/01
- ISSN:** 0340-5443
- Start page:** 36
- End page:** 43
- Source:** <http://link.springer.com/article/10.1007/s00265-003-0601-8>

Both pop-ups include an 'Add to my collection' button and a 'Collection' radio button. The browser's taskbar at the bottom shows various applications like Word, Excel, and Chrome, along with the system clock indicating 18:18 on 29-Jun-16.

ExLibris | Reading List | x | W | Habitat area, quality | x | A World for Butterflies | x | Animals of Arid Australia | x | SD Separation possibilities | x | butterfly nectar | x | Queen butterfly life cycle | x | A Mine vs. a Million | x

https://www.amazon.com/World-Butterflies-Their-Behavior-Future/dp/1552095509?ie=UTF8&keywords=butterflies%20life%20cycle&qid=1445163438&redirected-from=...&pf_rd_p=...

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amazon **Prime**

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Books Advanced Search Best Sellers & More Popular Genres Children's Books Editors' Picks Textbooks Kindle eBooks Audible Audiobooks

Books > Science & Math > Biological Sciences

A World for Butterflies: Their Lives, Behavior and Future
by Phillip Schappert (Author)
★★★★★ 3 customer reviews

Look inside ↓

Hardcover from \$1.52

21 Used from \$1.52
9 New from \$59.87

Chosen by Booklist (American Library Association) as one of the Top 10 Sci-Tech

Butterflies are the most complex behavior, ecological wide variety of habitats. With over 300 color photographs to the world of butterflies. The book is divided into...

Add this to my collection

Title: A World for Butterflies: Their Lives, Behavior and Future
Author: Phillip Schappert
Type: Book

Edition: Publisher: Firefly Books (March 5, 2005)
Publication Date: - March 5, 2005 Place of publication:
Total Pages: 320 ISBN: 1552095509

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https://www.amazon.com/Animals-Arid-Australia-Out-Their/dp/0980327202?ie=UTF8&keywords=Animals%20of%20arid%20Australia%203A%20out%20on%20their%20own?pf_rd_p=...

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Author:
Type: Book

Edition: Publisher: Royal Zoological Society of New South Wales
Publication Date: 2007. Place of publication:
Total Pages: ISBN: 0980327202
Source: https://www.amazon.com/Animals-Arid-Australia-Out-Their/dp/0980327202

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Understanding a migratory species in a changing world: climatic effects and demographic declines in the western monarch revealed by four decades of intensive monitoring.

By: Espeset, Anne E; Harrison, Joshua G; Shapiro, Arthur M; Nice, Chris C; Thorne, James H; Waetjen, David P; Fordyce, James A; Forister, Matthew

Oecologia
Volume: 181 Issue: 3 Pages: 819-30
DOI: 10.1007/s00442-016-3003-y
Published: 2016-Jul (Epub 2016 Mar 21)

Abstract

Migratory animals pose unique challenges for conservation biologists, and we have much to learn about how migratory species respond to drivers of global change. Research has cast doubt on the stability of the eastern monarch butterfly (*Danaus plexippus*) population in North America, but the western monarchs have been less intensively examined. Using a Bayesian hierarchical model, sightings of western monarchs over approximately 40 years were investigated using summer records from ten sites along an elevational transect in Northern California. Multiple weather variables were examined, including local and regional temperature, precipitation. Population trends from the ten focal sites and a subset of western overwintering sites were compared to summer and overwintering data for eastern migration. Records showed western overwintering grounds and western breeding grounds had negative trends over time, with declines concentrated in the breeding season, which were potentially more severe than in the eastern population. Temporal variation in the western monarch also appears to be independent of (uncorrelated with) the dynamics in the eastern population. These findings suggest that the western monarch population may be more resilient to climate change than the eastern population, but conditions do not explain the overall, long-term, negative trend.

Keywords

Keyword List: Climate change; *Danaus plexippus*;

Author Information

Address: Program in Ecology, Evolution, and Conservation

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web.b.ebscohost.com/ehost/detail/detail?vid=3&sid=9f47aa08-0e18-4964-8c8a-e6034b4d6ed2%40sessionmgr106&hid=107&bdata=JnNpdGU9ZWhvc3QtGl2.Q

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conservation butterflies Search

Basic Search Advanced Search Search History

Result List Refine Search 1 of 213

Limited erosion of genetic and species diversity from small forest patches: Sacred forest groves in an Afro-tropical forest for butterflies.

Authors: Bossart, J.L. jbossart@selu.edu Antwi, Josephine B.2

Source: *Biological Conservation*, Jun2016, Vol. 198, p122-134. 13p.

Document Type: Article

Subject Terms: *SPECIES diversity *FOREST reserves INSECT conservation GENETIC polymorphisms BUTTERFLIES HAPLOTYPES

Author-Supplied Keywords: Afrotropics Community conservation Diversity-area relationships Forest fragmentation Sacred groves Species-genetic diversity correlations

Abstract

Sacred forest groves are often located in some of the world's hottest hotspots of biodiversity, and consequently have high potential to conserve biodiversity. However, because they are often small and fragmented, they may not be an effective proxy for a secure conservation component in a landscape. We studied fruit-feeding butterfly communities to simultaneously assess to what extent five small sacred groves have retained the level of species and genetic diversity found in two much larger forest reserves. We additionally evaluate whether measures correlate across habitat fragments to investigate how closely these two components of diversity mirror each other. We quantified the diversity and composition of the fruit-feeding butterfly communities at each site and also the haplotype diversity within three specific species that differ with respect to their sensitivity to habitat fragmentation. Of the multiple measures of species and genetic diversity computed, only rarefied species richness was correlated with forest fragment size and even in this case the relationship was weak. Importantly, the limited decline in species richness documented in the sacred groves was not due to species replacements, whereby common, broadly distributed, generalists supplanted more vulnerable species in these communities. Although similar processes are known to drive declines in both species and gene diversity, we found only limited evidence of positive species-genetic diversity correlations (GGOCs), and only in the species most sensitive to fragmentation. Thus, a conservation strategy that emphasizes species complementarity or richness may be ineffective at capturing other critical levels of biodiversity. Overall, our findings demonstrate that even very small forest patches can have a conservation value that rivals that of much larger forest reserves. The implementation of official national and international initiatives that preserve and strengthen existing community-based conservation practices is critically needed to ensure that indigenous conservation areas persist into the future. [ABSTRACT FROM AUTHOR]

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ExLibris | Reading List | Habitat area, quality | A World for Butterflies | Animals of Arid Australia | SD Separation possibilities | butterfly nectar | Queen butterfly life cycle | A Mine vs. a Million Moths

www.nytimes.com/2016/05/01/opinion/sunday/in-a-poor-mexican-town-saving-butterflies-or-creating-jobs.html?_r=0

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The New York Times

Sunday Review | OPINION

A Mine vs. a Million Moths

By DAN FAGIN APRIL 29, 2016



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https://www.youtube.com/watch?v=71uJzE51T8M

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Title: Queen butterfly life cycle (#332)

Author:

Type: Video

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STEVEN CHESHIRE'S BRITISH BUTTERFLIES

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British Butterflies: Identification

Butterfly Identification - Ten likely candidates

Before you attempt to use the identification tool below, take a look at the following 10 butterflies as the



Identification Tool Instructions

Follow each step carefully. If the identification tool fails to identify your butterfly based on the details you provide, it will provide you with means to contact me where I will be happy to provide a personal identification service. **Warning** Currently in beta testing - errors may occur.

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Course Name: 401 - Butterflies: Introduction

Processing Life Sciences

Instructors: Tamar Sadeh

Number of

Department:

participants

Reading List Information

Code: * 0.7158702595625073

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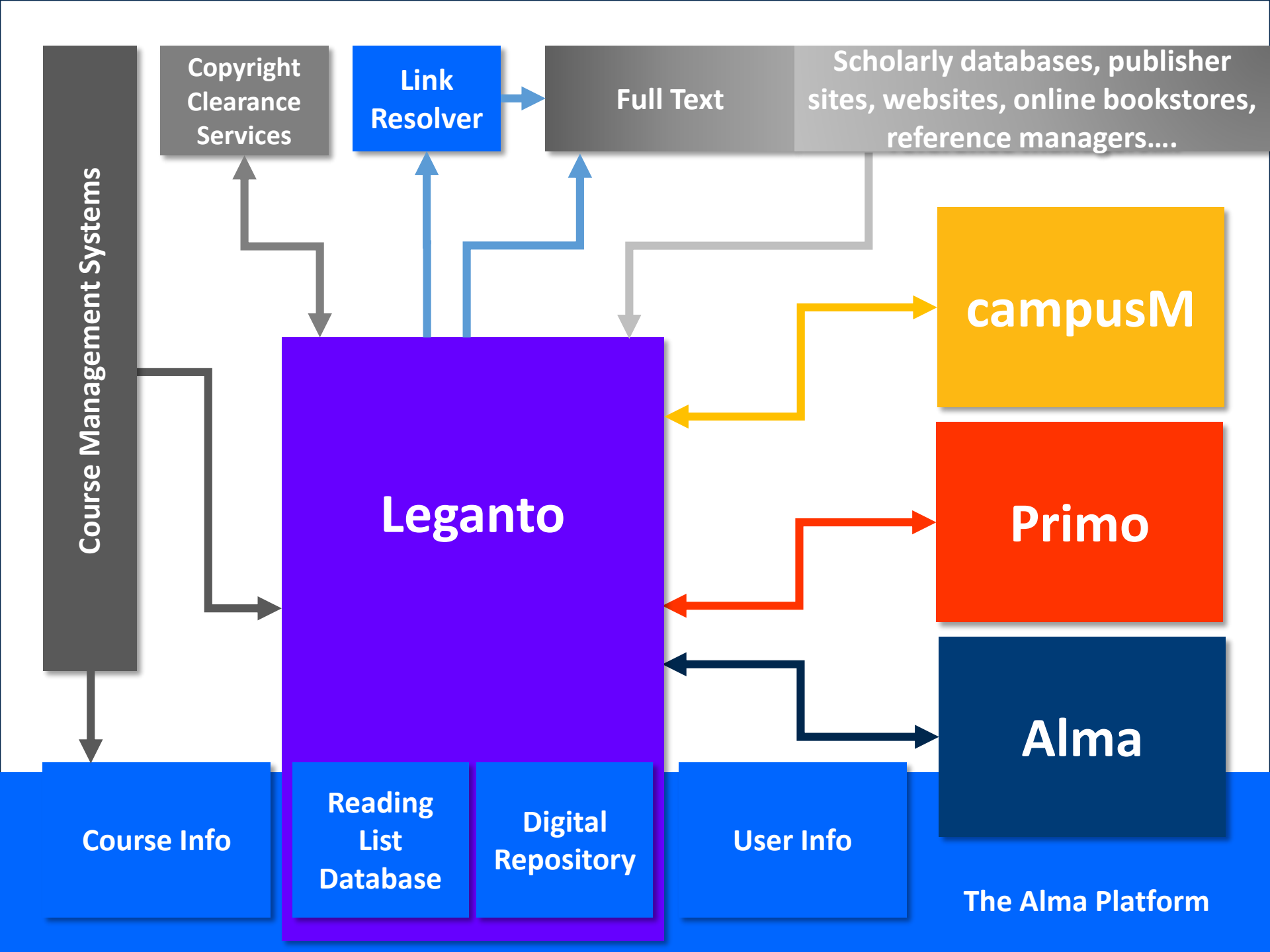
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If you are an academic:

- It's easy. Saves you time and effort.
- Helps you engage students and collaborate with students, colleagues, and librarians.
- Brings new materials to your attention.
- Takes the burden of possible copyright breaches off your shoulders.
- Provides you with usage info and student feedback that may help you improve your lists.

If you are a student:

Leganto makes the reading process easier, interactive, and more exciting. You can:

- See and access all course resources in one place
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If you are a librarian:

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- Leverages your skills
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- Enables the library to measure and demonstrate its value

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- Leverages the investment in Alma and Primo to improve teaching and learning
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- Increases efficiency and saves costs
- Helps in mitigating risks related to copyright infringement
- Facilitates knowledge-sharing among academics, students and librarians

THANK YOU
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