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Cloudy with a Chance of PDFs

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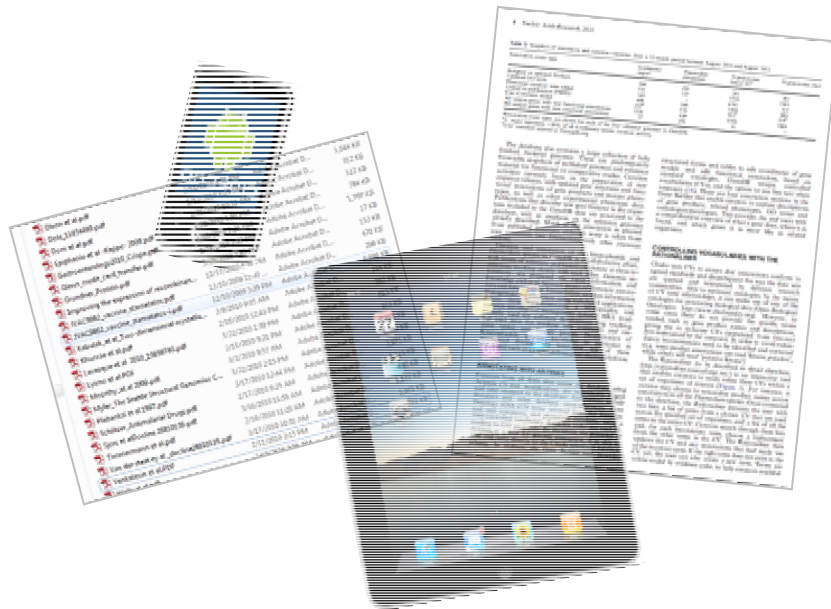
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Cloudy With a Chance of PDFs



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Online Northwest 2012
February 10, 2012



Origin and Destination

- Publisher site
- Shared drive
- Bib software
- PC
- Mac

...transfer files quickly

...find files quickly

- My mobile device
- Any computer
- Colleague



What is the Wish List?

- PDF
- Access
- Beyond the Office
- Connected





Talking Point

“I heard about this site called _____ , where you can import your PDFs, _____ and _____ them. Then, you can sync them to your _____ for long flights. It has an annotation _____ and can send stuff to EndNote. It seems like my whole _____ can use it. Oh, and it is free.”



We've Got Four Main Problems

QUANTITY: Lots of files in lots of places

CONTENT: Search, find, sort

COLLABORATION: Review, comment, tag

MOBILE: From computer to mobile device



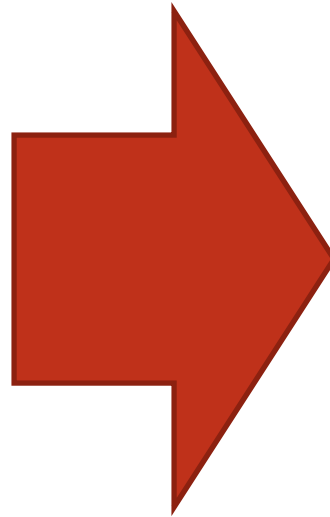
Getting to “Yes” on the Wish List

- Computer(s)
- Cloud Account(s)
- Online and Offline Status
- Metadata Completeness
- Synching
- Import and Export
- Solo or Group Work



Point This Way

- Quantity
- Content
- Collaboration
- Mobile



- Mendeley
- Zotero
- Papers 2
- DropBox
- EndNote



Librarian Points Out

This one ...

- Can “watch” a folder on your computer
- Is faster for non-free PDFs
- Works with our proxy settings
- Is more “social”
- Lets you rename files in bulk
- Does a better job searching PubMed



Now Featuring

	Updated	Mac Windows Linux	Full Text Search	Mobile App	Available Offline	Group Use	Free
Mendeley	~ Jan. 2012 (v1.3.1)	All	✓	✓ (no Droid)	✓	✓	✓ (\$ plans)
Zotero	Jan 31, 2012 (v3.0)	All	✓			✓	✓
Papers 2	Nov. 29, 2011 (v 2.1)	Mac	✓	✓ (no Droid)	✓		
Dropbox	Jan. 18, 2012 (v1.2.51)	All	✓	✓		(possible)	✓
EndNote X5	Nov. 7, 2011	Mac Windows			✓		



Mendeley

- Bulk tagging
- Private groups
- Mark favorites
- Mark as "read"

The screenshot displays the Mendeley Desktop application interface. The main window shows a search for "A new U6 small nuclear ribonucleoprotein-specific protein conserved between cis- and trans-splicing systems". The search results list several documents, with the top one being "A new U6 small nuclear ribonucleoprotein-specific protein conserved between cis- and trans-splicing systems" by K. Groning, Z. Palf, S. Gupta et al. The document details are visible on the right, including the journal "Molecular and cellular biology", volume 11, issue 4, pages 2028-34, and the abstract. The interface also shows a sidebar with navigation options like "My Library", "Papers", "Groups", and "People", and a search bar. The bottom part of the screenshot shows the "Edit Tags and Notes" dialog box for the selected document, with the following text:

Edit Tags and Notes

Tags

Crosslink in ANP

Notes

U U

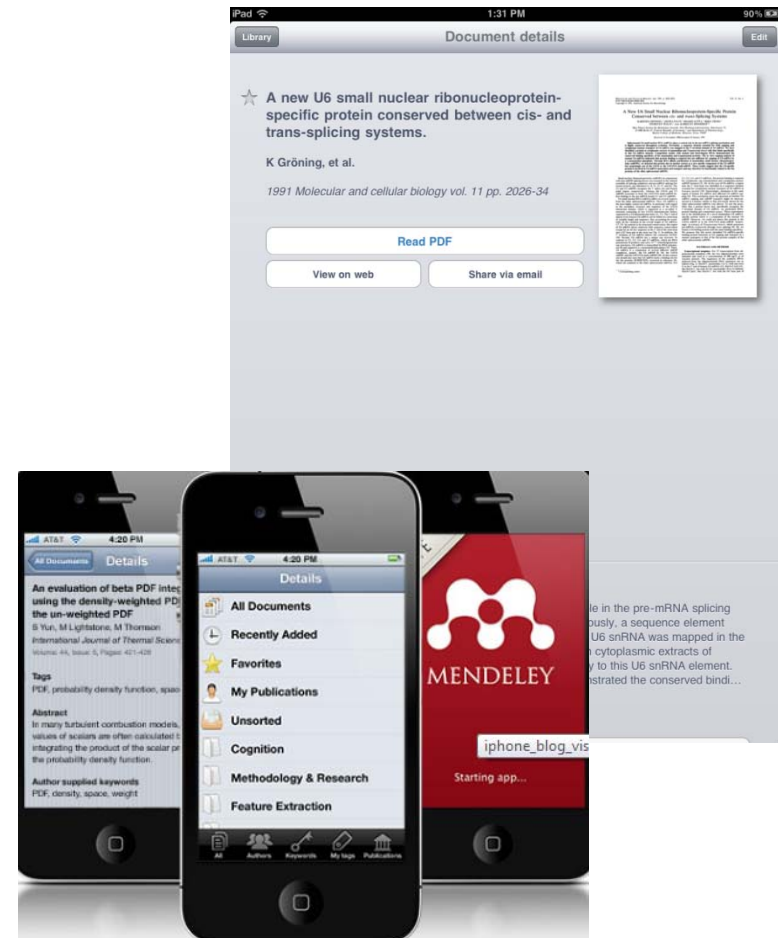
SP6-U6 3YAT75 RNA: Without the RNase treatment, it migrated with an apparent electrophoretic mobility of approximately 75 kDa; RNase treatment reduced the molecular mass of the cross-linked product to 55 kDa.

SAVE CANCEL



Mendeley

- Sync from Windows or Mac to iPad/iPhone (*Mendeley Lite*)
- No Android app yet (try *Referey*, *Droideley*, *Scholarley*)
- No syncable highlighting or tagging from the app (try *Goodreader*)





The screenshot shows the Zotero desktop application. The main window displays a journal article page from 'Nucleic Acids Research'. The article title is 'GeneDB—an annotation database for pathogens'. The interface includes a sidebar on the left with a file list, a main content area with article details, and a right-hand panel with metadata.

Title	Type	Access...	Date Modified
A gene encoding the plant-like ... [J Eukaryot Microbiol. 1...	Web Page	1/26/12 ...	1/26/12 12:17:37 PM
A gene encoding the plant-like ... [J Eukaryot Mic.pdf	Attachment		1/27/12 1:37:19 PM
A gene encoding the plant-like ... [J Eukaryot Microbiol. 19...	Attachment	1/26/12 ...	1/26/12 12:17:38 PM
Identification and characteriza... [J Eukaryot Microbiol. 19...	Web Page	1/26/12 ...	1/26/12 12:18:47 PM
Import of a constitutively expressed p... [Mol Biochem Par...	Web Page	1/26/12 ...	1/26/12 12:20:06 PM
Knockout of the glutamate dehydrogenas... [Mol Biochem...	Web Page	1/26/12 ...	1/26/12 12:20:09 PM
Subunit 9 of the mitochondrial ATP syn... [Mol Biochem...	Web Page	1/26/12 ...	1/26/12 12:21:58 PM
RNA editing: a mechanism for gRNA-specified uridylat... [...	Web Page	1/26/12 ...	1/26/12 12:24:27 PM
Trypanosoma brucei mitochondrial ribonucleoprot... [Par...	Web Page	1/26/12 ...	1/26/12 12:39:31 PM
The protein phosphatase inhibitor okadaic acid in... [J Cell...	Web Page	1/26/12 ...	1/26/12 12:44:12 PM
Transcript-specific developmental requ... [Mol Biochem P...	Web Page	1/26/12 ...	1/26/12 12:47:09 PM
Dynuvate transport across the pla... [Biochem Biophys Res ...	Web Page	1/26/12 ...	1/26/12 12:48:19 PM
Calcium homeostasis in Trypanosoma brucei. Ident... [J Bl...	Web Page	1/26/12 ...	1/26/12 12:48:22 PM
Evolution of retroposons by acquisition or del... [Mol Biol ...	Web Page	1/26/12 ...	1/26/12 12:50:17 PM
The Run-ATD and RMA of Leishmania k... [Mol Biochem...	Web Page	1/26/12 ...	1/26/12 12:51:28 PM

- Bulk tagging
- Must use browser's web importer
- Private groups
- Retrieves metadata for imported PDFs
- Rename PDFs in bulk



Zotero

A screenshot of the Zotero web interface. The top navigation bar includes 'Home', 'My Library', 'Groups', 'People', 'Documentation', 'Forums', and 'Get Involved'. The main content area shows a group library with a sidebar on the left containing options like 'Curate later', 'Journal Club', and 'Reviews'. The main area displays a specific item: 'Trends of selected cattle diseases in eastern Z... [Prev Vet Med. 2011] - PubMed - NCBI'. The item details include 'Added By: floral', 'Item Type: Attachment', 'Title: Trends of selected cattle diseases in eastern Z... [Prev Vet Med. 2011] - PubMed - NCBI', 'Accessed: 2011-11-21 12:49:16', and 'URL: http://www.ncbi.nlm.nih.gov/pubmed/21723631?dopt=Abstract'. There is also a 'Note' field and a 'Tags' section.

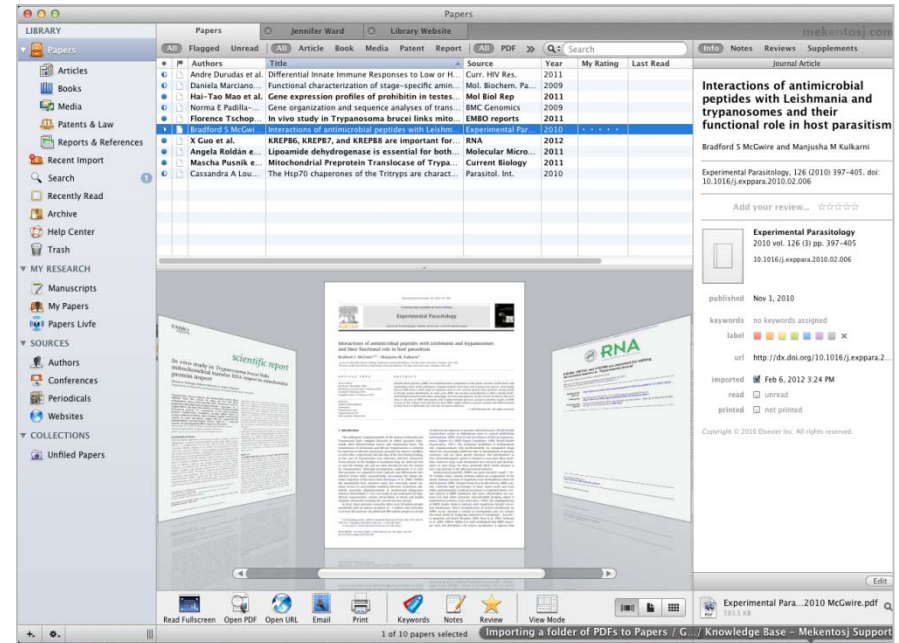
Example of a group library used by teams from the US and UK to track assignments, and stage items for review and formal annotation in *TriTrypDB*, a genomics database.

- Easiest drag & drop for PDF links
- No mobile app (try *Zandy*, *Scanner for Zotero*, *BibUp*, or *ZotFile*)



Papers 2

- Familiar iTunes interface
- Bulk tagging
- Metadata matching via selected databases
- Tags for "to read" etc.
- *Livfe* social tool permits sharing of citations





Papers 2

- Sync Mac to iPad/iPhone via app
- No Android app
- No syncable highlighting or tagging from the app



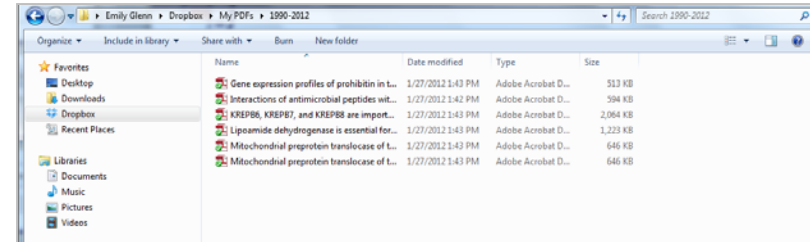
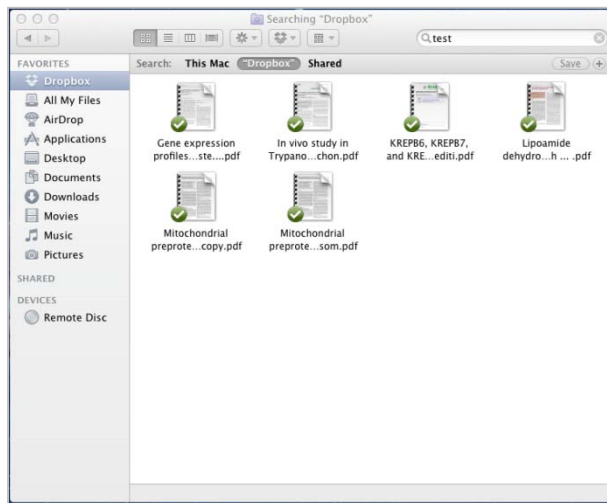


What's in an Automatic Name?

- **Mendeley**
Clifton2011-Structure-of-the-cystathionine_-
synthase_MetB_from_Mycobacterium_ulcerans.**pdf**
- **Zotero**
A high affinity Ca²⁺-dependentATPase...[MolBio.**pdf**
- **Papers 2**
BMC Genomics 2008 Jackson.**pdf**
- **EndNote**
Lofy-2006-Outbreak of tubercul-1272988936.**pdf**.



Dropbox





Scenarios

- Drag & drop to Mendeley → Mendeley Mobile
- Mendeley or Zotero → EndNote → Terms List, Citation styles → Publication
- EndNote → harvest search terms → Mendeley/Zotero
- EndNote quick corral of PDFs → DropBox → Papers
- EndNote quick corral of PDFs → Mendeley → Mendeley Mobile



You can Alleviate PDF Problems

QUANTITY: Lots of files in lots of places

CONTENT: Finding it, sorting it

COLLABORATION: Review, annotation

MOBILITY: From computer to mobile device



**Thanks to Seattle BioMed staff and researchers for experimenting with these tools and others.
Every day is a learning day.**