LULA DAWSON BLILEY'S FAMILY PHOTO ALBUM

MAINTAINING AND BUILDING SKILLS

- Job loss in 1998

- Needed to maintain and build computer software skills
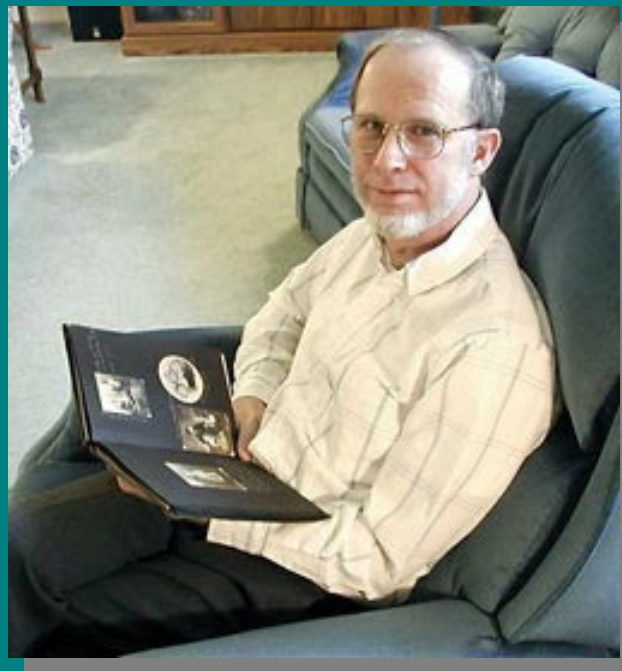
- Update infant family history site

DISCOVERING A FAMILY JEWEL!

- Visited cousin Jim, in Erie, PA
- Jim brings out...
  "Something that may be of interest."
- A family jewel is found!
- Can I keep it?   *No.*
- Can I borrow it?   *Yes!*

AT HOME WITH THE ALBUM

What a thrill!

WHAT IS SPECIAL ABOUT THE ALBUM?

- 75 mounted photos
- Five generations in photos
- Photos from 1860s through 1930s
- In chronological order
- All people named–*most with relationship to her*
- Personal comments for some people
- Most photos from large negatives (contact prints)
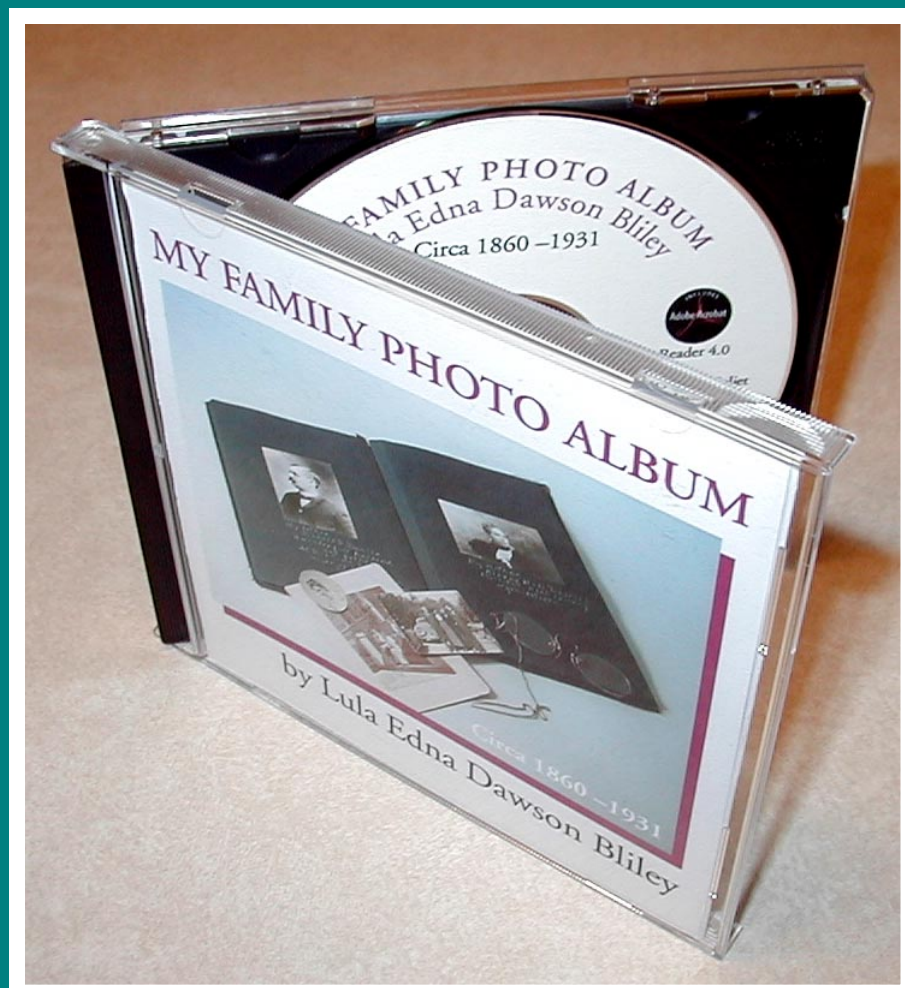- No living relatives in photos

WHAT DO I DO WITH IT NOW?

1. Capture the images before I had to give it back.

2. Organize the scans for quick retrieval

3. Share the album with family members on CD-ROM

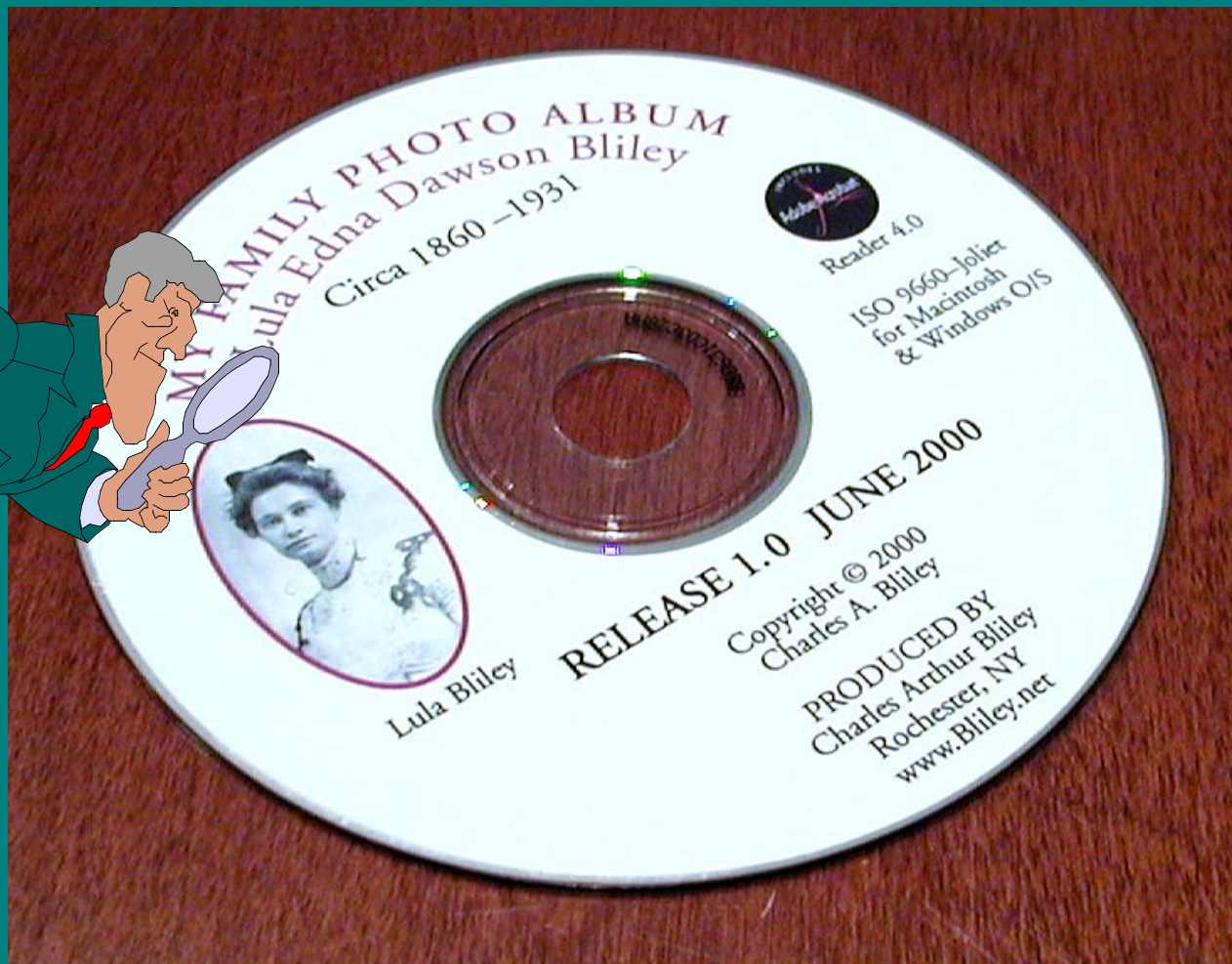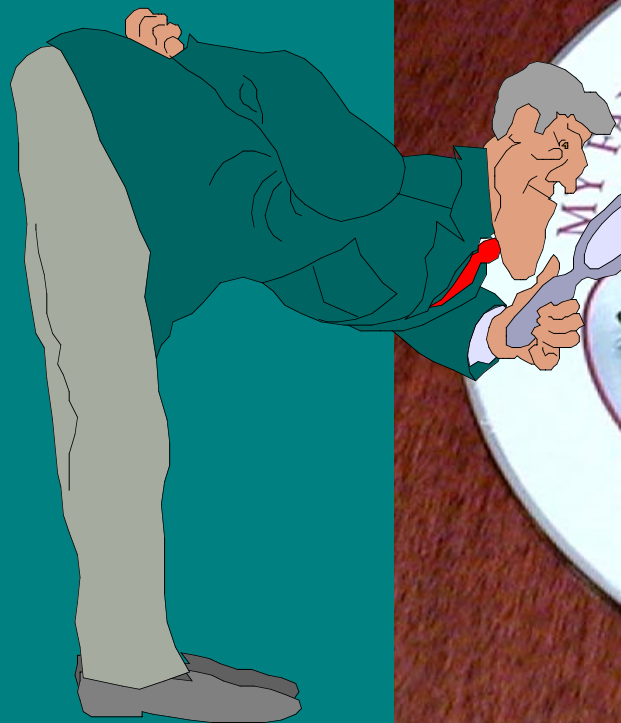# THE ALBUM'S CD-ROM

LULA'S FAMILY PHOTO ALBUM ON CD-ROM

- Photo archive?

- Book in PDF?

- Web site in a box?

- Biographical sketch of my grandmother?

- Is it a time capsule?

"Yes"…to all of the above?

A LOOK AT THE CD

CD'S FILE STRUCTURE

How do you organize so many files?
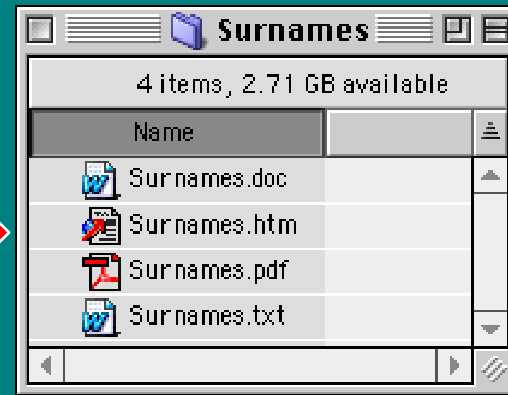
With GREAT CARE and FORETHOUGHT!

GENERAL STRUCTURE

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┌──────────────────────────────────────────────────┐
│ ☐ ▤▤▤ 📁 >Lula Album CD Master ▤▤▤ 🔲 ▤ │
├──────────────────────────────────────────────────┤
│          10 items, 2.71 GB available               │
├─────────────────┬──────────┬──────────────────────┤
│      Name       │   Size   │                    ▲ │
├─────────────────┼──────────┼──────────────────────┤
│ ▷ 📁 Acrobat    │  9.5 MB  │                    ▲ │
│ ▷ 📁 Album      │  261 MB  │                      │
│   📄 AUTORUN.INF│   8 K    │                      │
│ ▷ 📁 Photos     │ 370.7 MB │                      │
│ ▷ 📁 Read_Me    │  332 K   │                      │
│   📄 Start.htm  │   8 K    │                      │
│ ▷ 📁 StuffIt    │  1.2 MB  │                      │
│ ▷ 📁 Surnames   │   92 K   │                      │
│ ▷ 📁 Wpool      │  2.3 MB  │                      │
│   📄 Wstart.exe │  108 K   │                    ▼ │
│                 │          │                      │
├─────────────────┴──────────┴──────────────────────┤
│ ◀                                            ▶  ▨ │
└──────────────────────────────────────────────────┘
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630 Mb of Data Resources

SURNAME LIST

Name	Size
>Lula Album CD Master	
10 items, 2.66 GB available	
Acrobat	9.5 MB
Album	276.2 MB
AUTORUN.INF	8 K
Photos	370.7 MB
Read_Me	200 K
Start.htm	8 K
StuffIt	1.2 MB
Surnames	92 K
Wpool	2.3 MB
Wstart.exe	108 K

Surnames	
4 items, 2.71 GB available	
Name	
Surnames.doc	
Surnames.htm	
Surnames.pdf	
Surnames.txt	

Four formats

PHOTO RESOURCES

>Lula Album CD Master

10 items, 2.66 GB available

Name	Size
Acrobat	9.5 MB
Album	276.2 MB
AUTORUN.INF	8 K
Photos	370.7 MB
Read_Me	200 K
Start.htm	8 K
StuffIt	1.2 MB
Surnames	92 K
Wpool	2.3 MB
Wstart.exe	108 K

Photos

7 items, 2.66 GB available

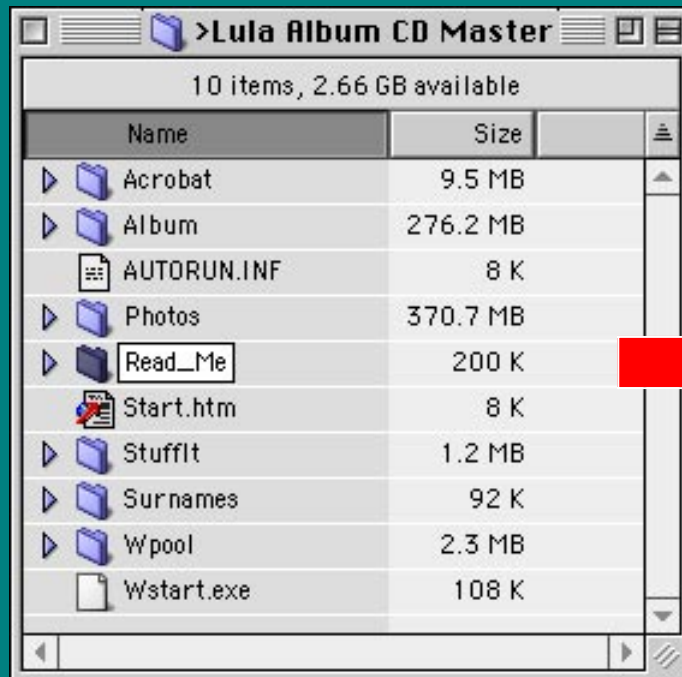| Name	Size
Pages	88.3 MB
JPEG	11.9 MB
TIF	76.4 MB
People	282.4 MB
JPEG	48.7 MB
PSD	139.7 MB
TIF	93.9 MB
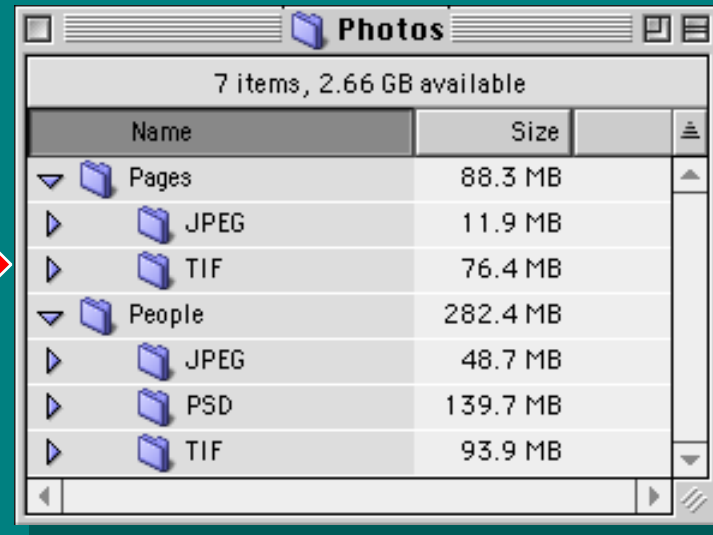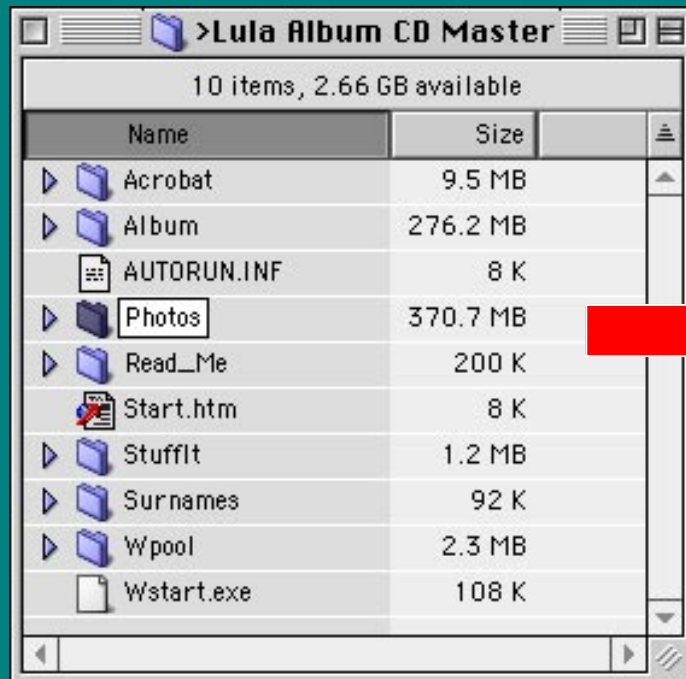
Full Pages &
Individual Photos

READ ME FILES
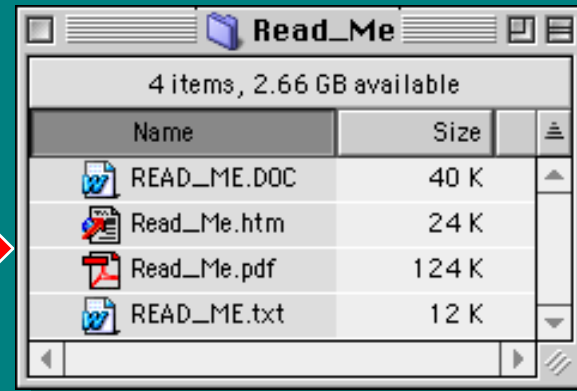
Four formats

ACROBAT RESOURCES
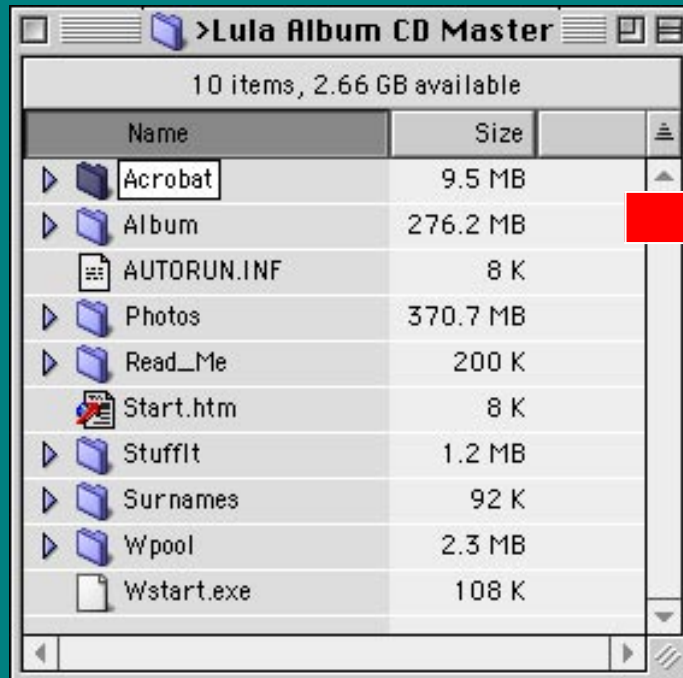
Acrobat Reader for Mac and Windows OS

HTML VERSION

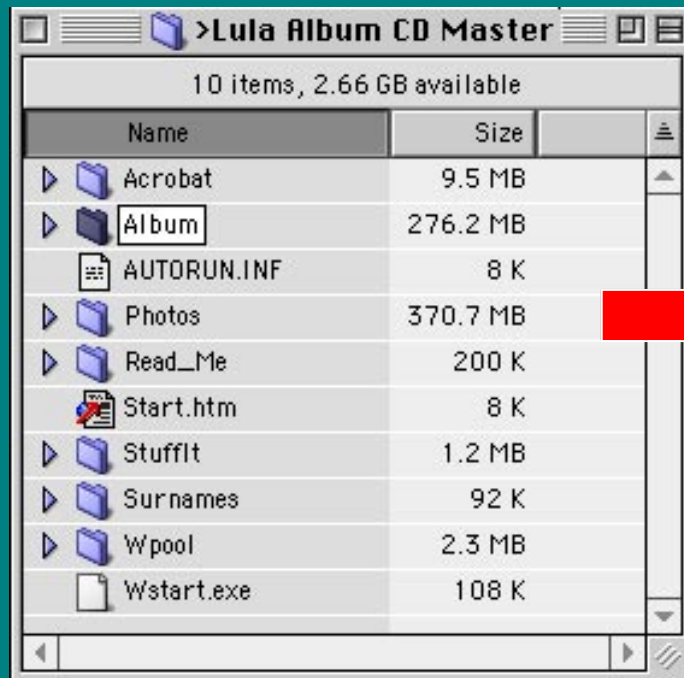**>Lula Album CD Master**

10 items, 2.66 GB available

Name	Size	
▷ 📁 Acrobat	9.5 MB	
▷ 📁 Album	276.2 MB	
📄 AUTORUN.INF	8 K	
▷ 📁 Photos	370.7 MB	
▷ 📁 Read_Me	200 K	
📄 Start.htm	8 K	
▷ 📁 StuffIt	1.2 MB	
▷ 📁 Surnames	92 K	
▷ 📁 Wpool	2.3 MB	
📄 Wstart.exe	108 K	

Album

8 items, 2.66 GB available

Name	Size	
▽ 📁 HTML	29.4 MB	
📄 HTML_Mac.sit	14.3 MB	
▷ 📁 HTML_Win	15.1 MB	
▽ 📁 PDF	231.7 MB	
▽ 📁 Hi-Rez	182.8 MB	
📄 AlbumHR1.pdf	182.8 MB	
▽ 📁 Low-Rez	48.8 MB	
📄 AlbumLR1.pdf	48.8 MB	
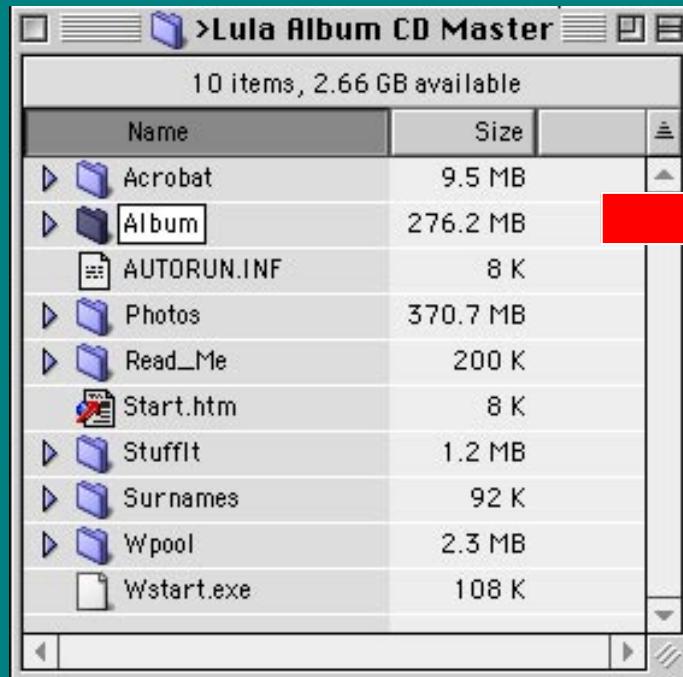
For Web Browsers

PDF VERSION

>Lula Album CD Master		
10 items, 2.66 GB available		
Name	**Size**	
▷ 📁 Acrobat	9.5 MB	
▷ 📁 Album	276.2 MB	
📄 AUTORUN.INF	8 K	
▷ 📁 Photos	370.7 MB	
▷ 📁 Read_Me	200 K	
📄 Start.htm	8 K	
▷ 📁 StuffIt	1.2 MB	
▷ 📁 Surnames	92 K	
▷ 📁 Wpool	2.3 MB	
📄 Wstart.exe	108 K	

➡️

Album		
8 items, 2.66 GB available		
Name	**Size**	
▽ 📁 HTML	29.4 MB	
📄 HTML_Mac.sit	14.3 MB	
▷ 📁 HTML_Win	15.1 MB	
▽ 📁 PDF	231.7 MB	
▽ 📁 Hi-Rez	182.8 MB	
📄 AlbumHR1.pdf	182.8 MB	
▽ 📁 Low-Rez	48.8 MB	
📄 AlbumLR1.pdf	48.8 MB	

For PDF Readers/Viewers

WINDOW AUTORUN

Start-up instructions

File to run

Autorun/Autoplay
Application

>Lula Album CD Master

10 items, 2.71 GB available

Name	Size	
▷ Acrobat	9.5 MB	
▷ Album	261 MB	
AUTORUN.INF	8 K	
▷ Photos	370.7 MB	
▷ Read_Me	332 K	
Start.htm	8 K	
▷ StuffIt	1.2 MB	
▷ Surnames	92 K	
▷ Wpool	2.3 MB	
Wstart.exe	108 K	

All autorun resources at top level.

THE PROJECT TAKES FORM

- OBJECTIVES
  - Preserve the photos through electronic scans
  - Assure computer platform independence
  - Maximize long-term file format viability
  - Distribute to immediate family members

THE PROJECT TAKES FORM

- OBJECTIVES

  – Place in historical context
    - Personal background on grandmother
    - Other family history projects she had done
    - How the album was "discovered"
    - My relationship to my grandmother and the album

THE PROJECT TAKES FORM

- PHILOSOPHICAL & PRACTICAL CONSIDERATIONS
  - Will the digital album provide the viewer with the same experience as paper?
  - What data formats will survive for 10 years?
  - Will there anyone convert the resources into as yet unknown data formats?
  - How many current platforms can be supported?

THE PROJECT TAKES FORM

- PHILOSOPHICAL & PRACTICAL CONSIDERATIONS
  - Should the scans include…
    - Only the photos?
    - Photos and handwritten captions?
  - Should you include photos of living relatives?
  - Should the photos be touched-up?

THE PROJECT TAKES FORM

- ## PHILOSOPHICAL & PRACTICAL CONSIDERATIONS
  - Should the CD be seen as…
    - genealogy database?
    - entertainment?
    - historical resource?
    - just a photo album?

THE PROJECT TAKES FORM

- PHILOSOPHICAL & PRACTICAL CONSIDERATIONS
  - Copyrights?
    - Protection from commercial use
    - Encourage personal use
    - Encourage historical groups use

THE PROJECT TAKES FORM

- PHILOSOPHICAL & PRACTICAL CONSIDERATIONS
  - Can the CDs be reliably and economically reproduced?
  - Should CDs be…
    - Given away?
    - Sold at a profit?
    - Sold at cost?

THE PROJECT TAKES FORM

- PHILOSOPHICAL & PRACTICAL CONSIDERATIONS
  - Will anyone else really be interested in this work?
    - Immediate family
    - Extended family
    - Non-family members
  - Am I willing to make a serious commitment in time and energy to this project?

PHILOSOPHICAL & PRACTICAL CONSIDERATIONS

Q. Will the digital album provide the viewer with the same experience as paper?

A. No. But, the digital album makes it practical and safe to share it with hundreds or thousands of people.

PHILOSOPHICAL & PRACTICAL CONSIDERATIONS

Q. What data formats will survive for 10 years?

A. In my opnion…

HTML: No	TIFF: Yes
JPEG: Yes	GIF: No
PDF: Yes	

Photoshop Native (.PSD): Maybe

PDF (PORTABLE DOCUMENT FORMAT)

- Embraced by U.S. Government

- Open standard that will evolve independently of any vendor

- More elegant & controllable presentation possible that in HTML

- Controllable presentation

- Text is searchable and indexable

PDF (PORTABLE DOCUMENT FORMAT)

- Single source (PDF file) for all materials—text and images

- Uniform presentation in five computer operating systems

ALBUM IN PDF

MY FAMILY
PHOTO ALBUM

Lula Edna Dawson Bliley

Circa 1860–1931
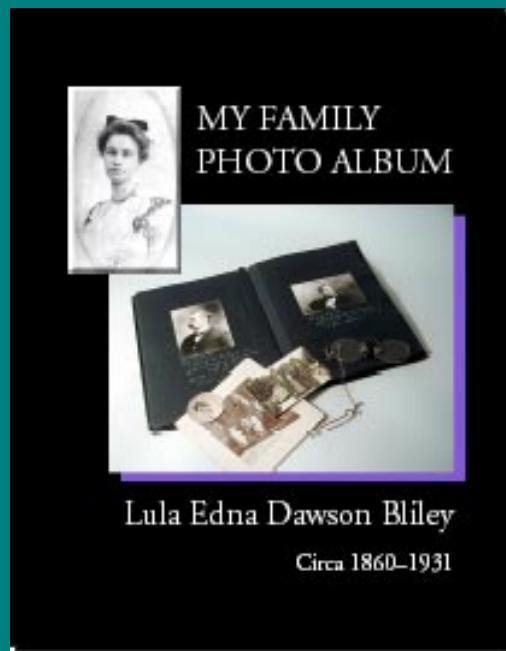
VIRTUAL COVER

ALBUM IN PDF
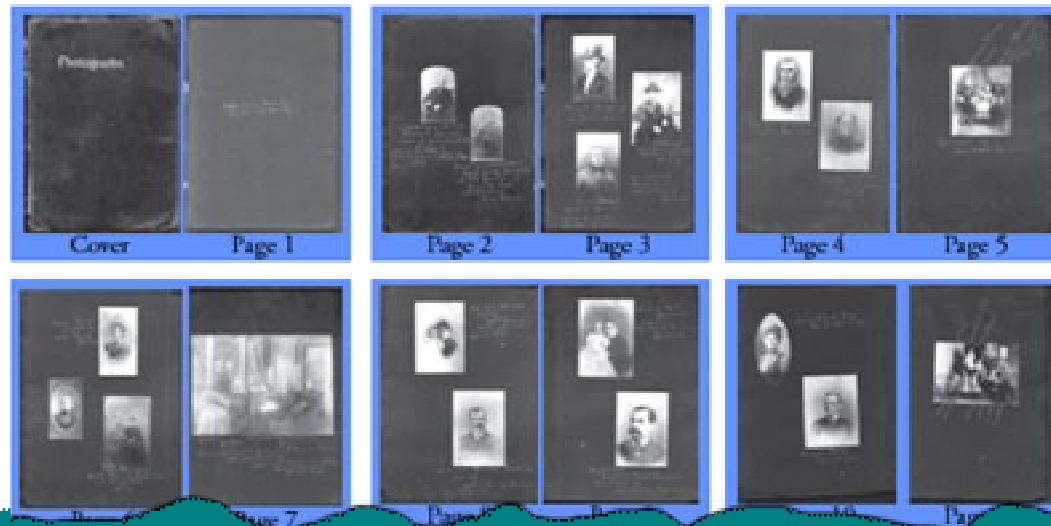
VISUAL INDEX

Hotlinks to full page views

ALBUM IN PDF

CAPTIONS

Top Right: "Alzina Hall Dawson & son Richard Gunby Dawson."

Lower Right: "My father, Richard Pound Dawson, oldest son of John Gunby Dawson"

Album Page 9
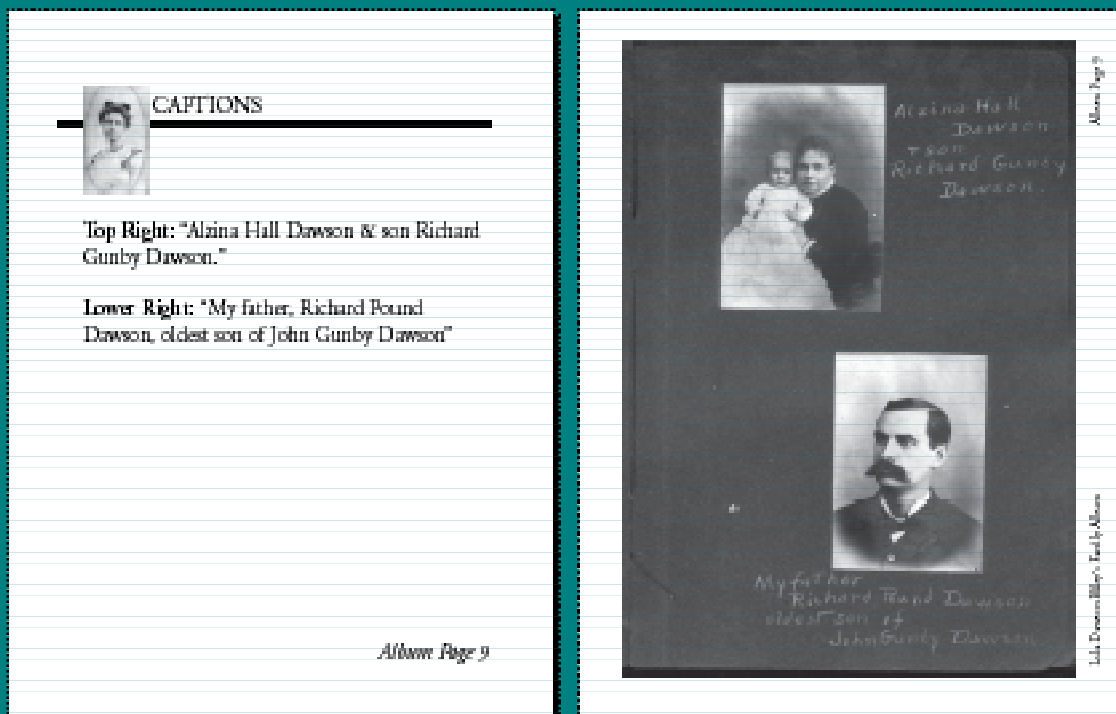
FULL-PAGE VIEW
Handwritten captions transcribed on left page.
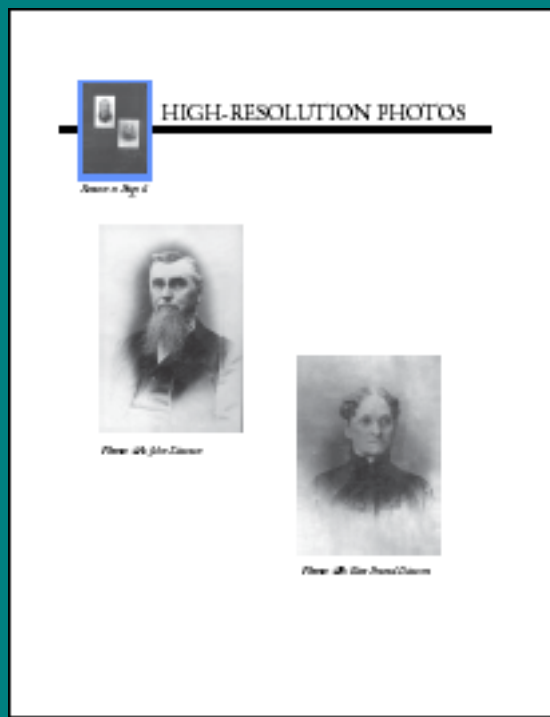
ALBUM IN PDF
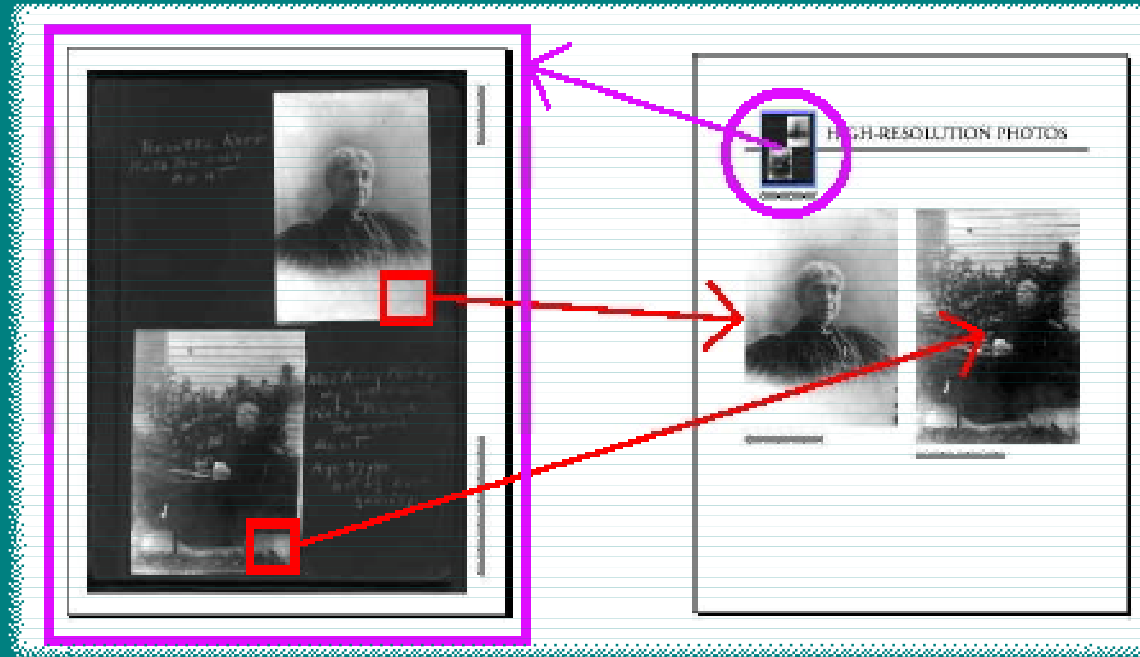
Full Pages
(150 dpi)

Individual Photos
(300-600 dpi)

NAVIGATION FEATURES

ALBUM IN PDF

INDIVIDUAL PHOTOS

High-resolution images (300-600 dpi)

DATA FILE FORMAT OBJECTIVES

- Provide all images in mixture of common formats—a buckshot approach
  - PDF (.PDF)
  - JPEG (.JPG)
  - TIFF (.TIF)
  - Photoshop native (.PSD)

DATA FILE FORMAT OBJECTIVES

- **Hypertext Markup Language (HTML)**
  - Readable on every current computer… with some risk
  - HTML is evolving in a competitive environment
  - OK for today, but not likely to be compatible in 10 years

PRODUCTION SOFTWARE

- **Adobe Photoshop LE**
  - San Images
  - Edit (Color Correction & Touch-up)
  - Change Resolution
- **MS Word**
  - Prepare various text based material

PRODUCTION SOFTWARE

- **PhotoPage**
  - Photo scrapbooks
  - Places the thumbnails in an HTML page with hyperlinks to full-sized images.
  - Automatically creates thumbnails in GIF & JPEG
  - Rotation and cropping tools

PRODUCTION SOFTWARE

- **Adobe PageMill**
  - HTML layout program
  - Based-browser viewing of album on CD-ROM
  - Development of Web site.
- **Browser Call** (Autorun Application)
  - Launches user browser on CD insertion
  - Small freeware application

PRODUCTION SOFTWARE

- **Adobe Acrobat Suite**

  – Create PDF files from PageMaker and add links, bookmarks and notes to finished PDF files.

- **Toast** (Mac)/ **Easy CD** Creater (Windows)

  – CD Authoring ("burning")

  – ISO 9660 Data Format (Mac/Unix/Windows)

CAN YOU DO THIS TOO?

It may be tough, but…

YES!

Given enough:
time, money, energy, and friends.

ALTERNATE TOOLS AND TECHNIQUES?

- Export from genealogy database programs in HTML and JPEG
- Less ambitious form with a more limited scope
- Do not consider cross-platform issues

QUESTIONS & ANSWERS

- Did I forget something? Maybe? Maybe not.

- Any questions?

THE END?
or...THE BEGINING?