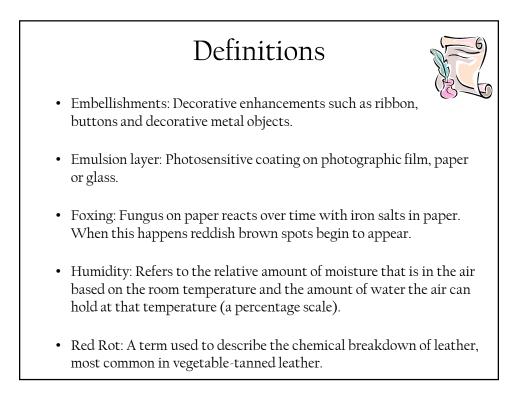
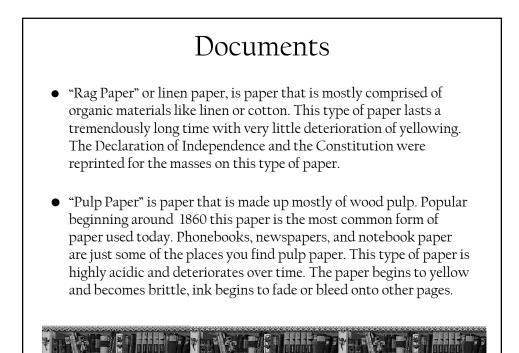
Preserving Family Heirlooms:

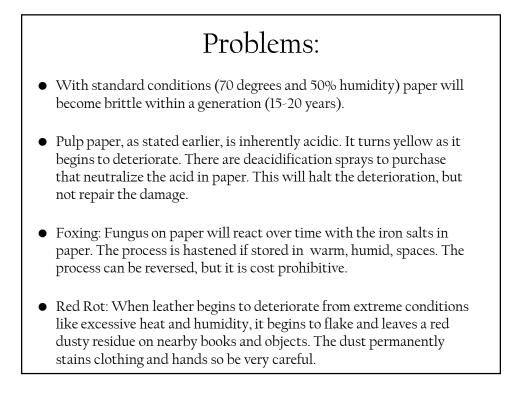
A step-by-step approach to saving your family's treasures



Presented by: Tina Beaird tinab@tamarackgenealogy.com

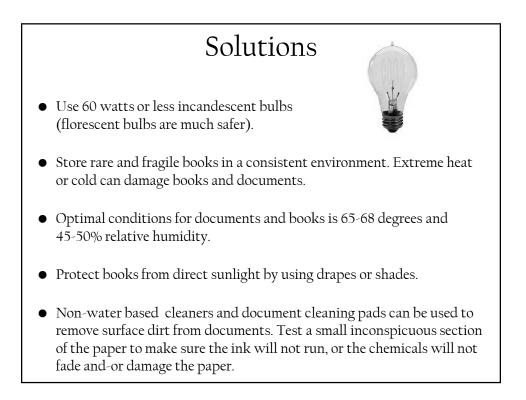




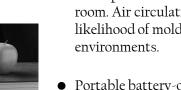


Problems Continued

- Books made of vellum (lamb skin) are extremely susceptible to heat and humidity. It causes the bindings to expand to twice their normal size and pushes other books off the shelf. Once this happens there is no repair. You would need to rebind the book.
- Acidation happens when paper is not properly rinsed causing the chemicals to stay in the paper. This leads to brittle paper that breaks at it's stress points. This acid can transfer to other objects that come into contact. The process is called acid migration.
- High heat causes paper to dry out and become brittle
- Lack of moisture and low temperature causes pages to shrink and pull away from the binding.
- High Humidity can cause mold growth and water damage.



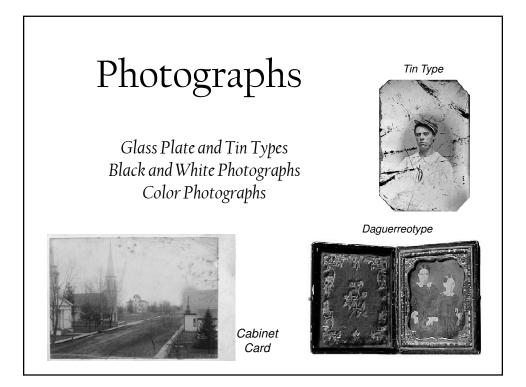
Solutions Continued Do not eat or drink when handling old books and wash your hands after eating. Grease and oils from food can leave stains and hasten the deterioration of the paper. Inspect for insects once a year. Hot and humid conditions breed mold and mildew which attracts insects. Insects are drawn to the glues in the spines of old books.

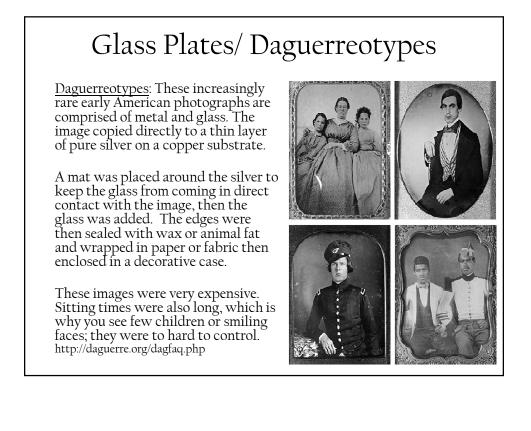


- Small portable fans are a great way to circulate air in a room. Air circulation helps to dramatically decrease the likelihood of mold and mildew common in stagnant environments.
- Portable battery-operated humidity detectors are a great way to visually see the fluctuations in your house. These are available at most hardware stores.

Solutions Continued

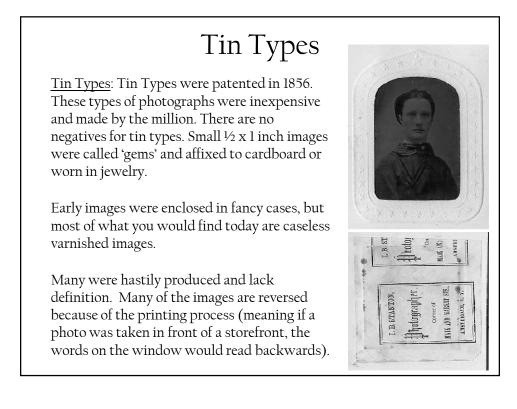
- Encapsulate (NOT LAMINATE!) documents once they have been cleaned and place them in Mylar or other polyester sheets that do not contain PVC or PVA.
- Acid free file folders can be used to store loose documents and pamphlets. Label folders, and other enclosures to minimize handling.
- Place folders in boxes tight enough to that the folders will not shift or slide within the container causing further damage.
- Do not store paper documents in cardboard boxes or plastic containers. Unless you are sure that you are using archival quality acid and lignin free boxes or plastic containers containing no PVC or PVA.
- Make 2 photocopies of every document; one for on-site storage and One for off-site storage in case of an emergency.

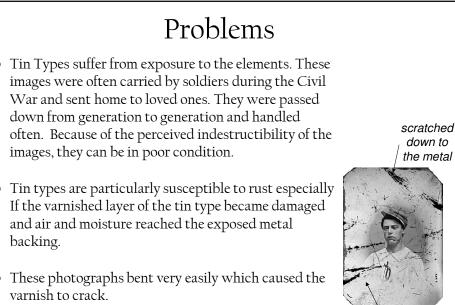




Problems

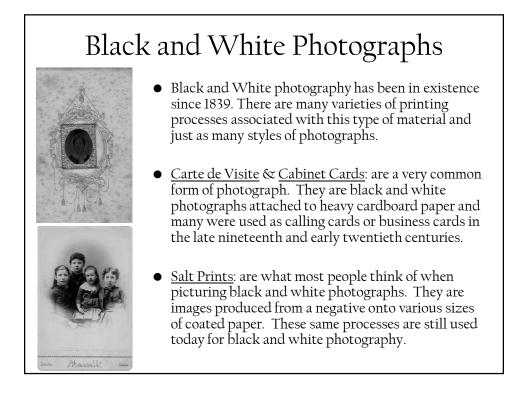
- Daguerreotypes are at the mercy of the elements. If their seals are broken, or if the glass cracks they can suffer from a host of problems.
 - If a seal becomes broken they begin to allow in condensation, which can cloud the image.
 - If exposed to high heat and humidity, it can also cause mold.
 - Exposure to direct sunlight can also cause the image to fade and heat can dry out the chemicals forming the image and cause cracks and fissures.
- Once the seal is broken on a Daguerreotype, there is no way for you to reverse the damage. Seek out a qualified photo conservationist.
- Daguerreotypes should not be repaired at home. These items are increasingly rare and require professional care. See the list of companies at the end of the hand-out for more information.

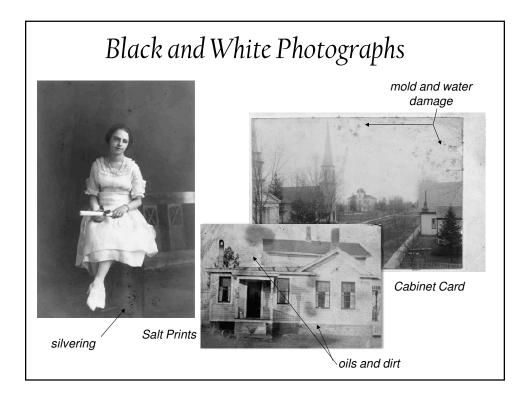


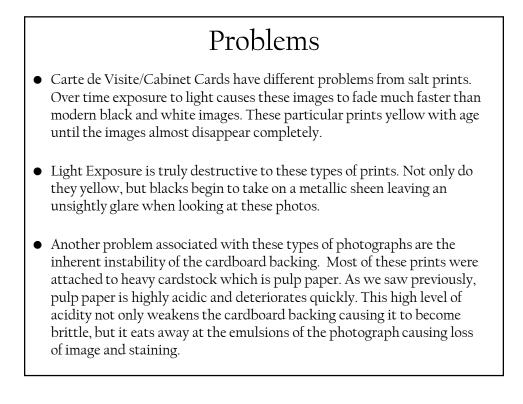


• Many tin types that were not coated in varnish were easily scratched causing image loss.

scratched down to the metal

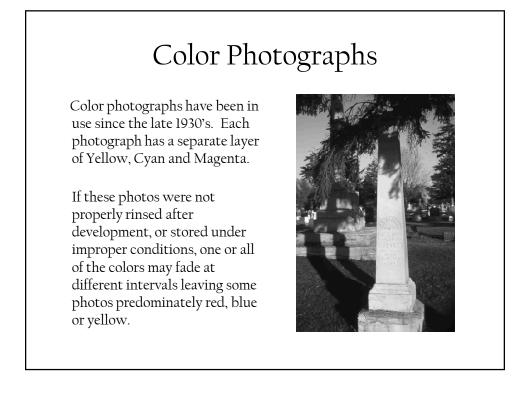






Problems Cont.

- Salt Prints, like any other prints, have their weaknesses. As with any type of chemical process, failure to properly rinse the photos leaves a chemical residue, damaging the image and causes fading, staining and transfer.
- Exposure to heat and humidity causes these types of photos to stick together and feel sticky to the touch. This can irreparably damage the emulsion layer of the photo causing loss of image.
- High humidity can also spur mold growth and invite insect damage.
- Too low of humidity can cause the photo emulsion layer to shrink causing the photo to curl and pull away from the paper backing.
- Exposure to light does not cause as much damage to these prints as to the others mentioned, but they will fade with time.

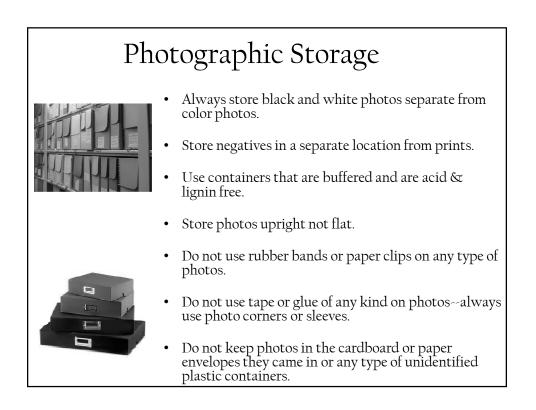


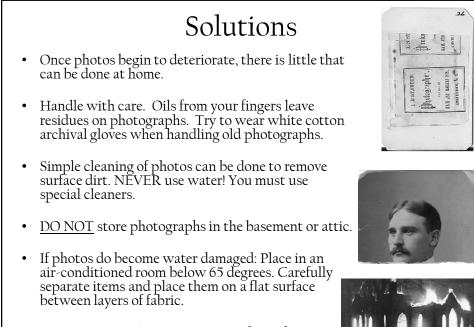
Problems

- Color photographs are the least stable of all types of photographs
- They are extremely vulnerable to heat and humidity
- Color photos exposed to direct sunlight or lamplight fade much faster than black and white photographs
- These types of photos are much more likely to experience mold and mildew issues



album

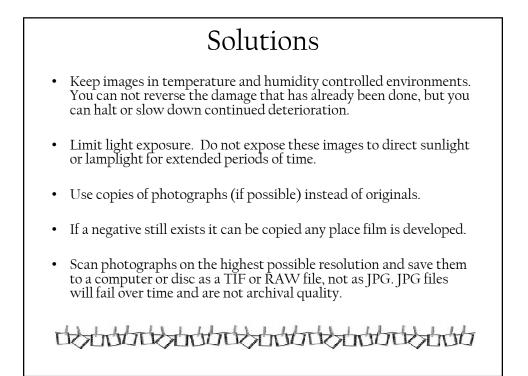




DO NOT USE PAPER TOWELS! Place a heavy object on top of fabric to avoid curling.







Scrapbooking Dos and Don'ts



- Scrapbooking is not a recent phenomenon, it has been around for centuries. Modern scrapbooking varies from previous incarnations in the fact that we are much more concerned with quality of products and preservation for future generations.
- Do read the labels! Not all products are alike.



- Do order products from reputable vendors. Just because a product claims "archival quality" or "photo-safe" does not mean it is. Many products may be safe now, but not in the future.
- Do be aware that embellishments like buttons, stickers tags and ribbons may react with paper and photos over time, causing the materials to degrade and become discolored or brittle.

Scrapbooking Dos and Don'ts





- <u>DO NOT</u> use magnetic albums, even those that claim to be archival quality or acid free! The paper yellows quickly and the chemicals in the glue eat away at any photographs or documents placed on the page. Many items also adhere permanently to the pages over time, causing serious damage when removed.
- Do use archival quality page protectors to keep pages from rubbing together especially if you are using raised embellishments.
- Do use copies of documents and photos and not originals, especially if you are going to crop or change the item in any way.

Historic Scrapbooks

- Do store small to medium sized albums upright.
- Larger scrapbooks or books that are bulging/have loose items can be stored flat. Non-bulging albums can be stacked on top of each other, no more than 2 high. The weight can cause damage to bindings and photographs.
- If pages are brittle or breaking, tie pages closed with linen or white cotton fabric tape. Just be sure that the tape is not rubbing against the pages causing further damage.
- Do not repair historic scrapbooks with tape or adhesives. Use photo corners to put photos & papers back into place.
- Do not disassemble a scrapbook unless you are sure it isn't too fragile to take apart. If too fragile, place acid-free paper or polyester page protectors between the pages instead. This adds bulk, but keeps acid migration to a minimum.





