Preservation 101 Handout / Pam Endzweig / JGSWVO Feb. 21, 2016

- A. Preservation vs. conservation
- B. Agents of deterioration, from Canadian Conservation Institute (at http://canada.pch.gc.ca/eng/1444330943476)
- 1. Are your objects susceptible?
- 2. If yes, are they at risk?
- 3. How to reduce?

Direct physical forces: sudden damage (shock)/gradual damage (fatigue)/vibration/ pressure/abrasion (results in compression, punctures, dents, tears, cracks, chips, scratches, abrasion)

Thieves/ vandals

Fire/smoke

Water

Pests: Insects/microorganisms/rodents

Pollutants: chemical agents, incl. gases (eg. acetic acids) liquids, solids; airborne/contact/intrinsic

Radiation: UV/visible light/IR

Incorrect temperatures: high/low/fluctuating

Incorrect relative humidity: damp (over 75%)/above or below a critical value/fluctuations

Dissociation: loss of objects, loss of data, or loss of object-data associations, loss of context that gives the

object meaning

4. Inspect initially and regularly: have they been affected?

C. Risks of remedial treatment by non-experts (cleaning, repair)

D. Resources: Protect/prevent damage, Archival suppliers

Light Impressions: http://www.lightimpressionsdirect.com/ Gaylord: http://www.gaylord.com/c/Conservation-Supplies Hollinger Metal Edge: http://hollingermetaledge.com/

Conservation Resources International: http://conservationresources.com/

University Products: http://www.universityproducts.com/

Objects Conservation and Preservation Resources

Web site: Canadian Conservation Institute: https://www.cci-icc.gc.ca/index-eng.aspx

CCI Notes: http://canada.pch.gc.ca/eng/1439925167385

National Park Service, Harpers Ferry Center: http://www.nps.gov/hfc/

NPS Conservograms: http://www.nps.gov/museum/publications/conserveogram/cons_toc.html

Northeast Document Conservation Center: https://www.nedcc.org/

NEDCC Leaflets: https://www.nedcc.org/free-resources/preservation-leaflets/overview

American Institute for Conservation of Historic and Artistic Works: http://cool.conservation-

us.org/bytopic/genpub/

Caring for Your Treasures: Guides for Taking Care of Your Personal Heritage (and other resources):

http://cool.conservation-us.org/bytopic/genpub/

Museum-L Archives: http://home.ease.lsoft.com/scripts/wa-HOME.exe?A0=MUSEUM-L