

Materials List for

Using Tree-Rings to Reconstruct Fire History Information from Forested Areas

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Materials

Name	Company	Catalog Number	Comments
Belt Sander		Dewalt Dwp352vs-b3 3x21 PuLG	For sanding samples
Chain Saw Boots	Forestry Suppliers	There is no any specific characteristic	https://www.forestry-suppliers.com/Search.php?stext=Chain%20Saw%20Boots
Chain Saw Chaps	Forestry Suppliers	PGI 5-Ply Para-Aramid	https://www.forestry-suppliers.com/Search.php?stext=Chain%20Saw%20Chaps
Chainsaw	Stihl or Husqvarna for example	MS 660	Essential equipment for taking samples (Example: 18-24 inch bar)
Clinometer	Forestry Suppliers	Suunto PM5/360PC with Percent and Degree Scales	https://www.forestry-suppliers.com/Search.php?stext=Clinometer
COFECHA Software			https://www.ldeo.columbia.edu/tree-ring-laboratory/resources/software
Compass	Forestry Suppliers	Suunto MC2 Navigator Mirror Sighting	https://www.forestry-suppliers.com/Search.php?stext=compass
Dendroecological fieldwork program		Program where dating skills can be acquired or honed	http://dendrolab.indstate.edu/NADEF.htm
Diameter tape	Forestry Suppliers	Model 283D/10M Fabric or Steel.	https://www.forestry-suppliers.com/Search.php?stext=Diameter%20tape
Digital camera	CANON	EOS 90D DSLR	To take pictures of the site and the samples collected (https://www.canon.com.mx/productos/fotografia/camaras-eos-reflex)
Digital camera for microscope	OLYMPUS	DP27	https://www.olympus-ims.com/es/microscope/dp27/
Electrical tape or Plastic wrap to protect samples	uline.com		https://www.uline.com/Product/Detail/S-6140/Mini-Stretch-Wrap-Rolls/
FHAES Software			https://www.frames.gov/partner-sites/fhaes/fhaes-home/

Field format		There is no any specific characteristic	To collect information from each of the samples
Field notebook			To take notes on study site information
Gloves			For field protection
Hearing protection	Forestry Suppliers	There is no any specific characteristic	https://www.forestry-suppliers.com/Search.php?stext=Hearing%20protection
Large backpacks		There is no any specific characteristic	Strong backpack for transporting samples in the field
Safety Glasses	Forestry Suppliers	There is no any specific characteristic	https://www.forestry-suppliers.com/Search.php?stext=Safety%20Glasses
Sandpaper			From 40 to 1200 grit
Software CDendro/ CooRecorder		Tree-ring-measurements and dating can also be done using scanned images of the cross-sections	https://www.cybis.se/forfun/dendro/
Software Measure J2X		Version 4.2	http://www.voortech.dreamhosters.com/projectj2x/tringSubscribeV2.html
Stereomicroscope	OLYMPUS	SZX10	https://www.olympus-ims.com/en/microscope/szx10/
Topographic map, land cover map			Obtained from a public institution or generated in a first phase of research
Velmex equipment	Velmex, Inc.	0.001 mm precision	www.velmex.com
Wildland Fire Helmet	Forestry Suppliers	There is no any specific characteristic	https://www.forestry-suppliers.com/Search.php?stext=Wildland%20Fire%20Helmet