































	IDENTIFICATION TOOLS					
	ANATOMY	DENDRO- CHRONOLOGY	GENETICS	ANATOMICAL IMAGE ANALYSIS	CHEMICAL ANALYSIS - DART TOFMS -	ISOTOPES
<i>You're aiming to identify..</i>	<i>Timber identification capabilities</i>					
1) The species	potentially useful	potentially useful	useful	potentially useful	useful	not useful
2) The genus	useful	useful	useful	useful	useful	not useful
3) The country of origin	not useful	potentially useful	not useful	not useful	not useful	useful
4) Whether the timber originated from a specific forest plot	not useful	potentially useful	useful	not useful	potentially useful	potentially useful
5) Whether the seized timber originated from a specific stump (individualization)	not useful	useful	useful	not useful	not useful	not useful
<i>What you will need...</i>	<i>Submission of evidence</i>					
1) The sample size needed						
2) The time for completing analysis						
3) The analytical cost per sample						
<i>Financial considerations...</i>	<i>Development of technology</i>					
1) The startup cost for technique						
2a) The cost to add new species to database						
2b) The number of reference samples needed	1 or 2	1 or 2	≥ 20	≥ 20	≥ 20	≥ 40
3) The technology availability worldwide	Academia & Government	Academia & Government	Academia & Government	Common (i.e. phone apps)	Uncommon	Uncommon

Citation: Espinoza, E.O. 2022. Matrix Chart of Wood Analyses Technologies. National Fish and Wildlife Forensic Laboratory. Ashland, OR 97520 USA.

Icons: Flaticon.com

