

# JEMEZ MOUNTAINS SALAMANDER DETECTION/NON-DETECTION SURVEY

More on Back?

Survey until JMS found or for a maximum of 3-person hours.

Y or N

15 July 2015 version

<b>Date:</b> (e.g., 04 July 2011)  _____		<b>Locality Description:</b> (describe where you are / how you got there)			<b>Land Ownership</b>	<b>County</b>
<b>Day</b>	<b>Month</b>	<b>Year</b>				
<b>Start Time</b>	<b>End Time</b>	<b>Person-Hours</b>	<b># of Surveyors</b>	<b>Crew Names (first name initial plus full last name)</b>		
<b>Weather conditions:</b>		<b>Soil Moisture:</b>	<b>Soil pH</b>	<b>Soil Temp</b> C F		<b>Air Temp:</b> C F
<b>Moisture Assessment:</b> Decomposing coniferous log squeeze: water? Y N (circle one) (if N then stop survey) Moisture under cover objects (Circle one): Moist to Touch OR Dry to Touch (if dry, stop survey) <b>Additional Moisture Notes:</b>						
<b>Slope %</b>	<b>Aspect</b>	<b>Elevation</b>	<b>Logging Sign?</b> (circle one) Y N	<b>Fire Sign?</b> (circle one) Y N	<b>Burn Severity (circle one):</b> N/A HIGH MOD LOW YEAR? _____	
<b>Course Woody Debris (circle one)</b>  ABUND MOD LOW NONE		<b>Fine Woody Debris (circle one)</b>  ABUND MOD LOW NONE		<b>Rocks (Circle one)</b>  ABUND MOD LOW NONE		
<b>Predominant Vegetation (list 2-3 dominant tree and shrub species within survey area; e.g., Doug fir, ponderosa pine)</b>						
<b>Observed Invertebrates (list inverts observed by common name; e.g., ants, centipedes, termites, etc.)</b>						
<b>Additional comments:</b>						
<b>Survey Area Coordinates (Use NAD 83. All coords are in Zone 13.) For 3 surveyors, take 3 coords at start, middle and end of survey, or, if JMS found, take 3 coords at start, and 3 coords at end of survey to mark area surveyed, plus coordinate for any JMS found. If 2 surveyors, take 2 coords at start, middle, and end of survey, or if JMS found then 2 coords at start and end.</b>						
<b>Start Easting:</b> Northing: Elevation:		<b>Middle Easting:</b> Northing: Elevation:			<b>End Easting:</b> Northing: Elevation:	
<b>Start Easting:</b> Northing: Elevation:		<b>Middle Easting:</b> Northing: Elevation:			<b>End Easting:</b> Northing: Elevation:	
<b>Start Easting:</b> Northing: Elevation:		<b>Middle Easting:</b> Northing: Elevation:			<b>End Easting:</b> Northing: Elevation:	

GPS COORDS FOR <u>JMS FOUND</u>	CAPTURE TIME	MICRO-HABITAT TEMP C OR F	SVL mm	TOTAL LENGTH (mm)	TAIL COND	COVER TYPE	COVER SIZE (mm)	LOG DECAY CLASS	POSITION	SKIN SWAB (Y/N)	SKIN SWAB NUMBER
EASTING: NORTHING: ELEVATION:											
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SVL=Snout Vent Length = tip of snout to posterior of vent in mm  
Total Length = SVL + Tail length in mm

**Tail Condition:**  
(see below)  
Undamaged  
  
Regenerated/ing  
Stump

**Cover: Type**  
(see below)  
Rock  
  
Log  
Bark

**Log Decay:** Expressed as continuum of decay (see below)  
A = class 1 & 2: freshly fallen to sapwood somewhat decayed  
B = class 3 & 4: heartwood decaying  
C = class 5: no structural integrity

**Position:**  
(see below)  
Under  
  
Inside log