

Site Evaluation Form

Evaluator		Date		Site	
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Disturbance:		Actual Loss:	
Disturbance Mitigation:		Loss Mitigation:	
Fragility:		Site Access:	
Fragility Mitigation:		Access Mitigation:	
Fossil Abundance:			

Specimen(s) Observed	
Specimen(s) Collected	

Notes

<p>DISTURBANCE</p> <p>(0) Poor condition – the locality is being rapidly eroded, high levels of illegal fossil removal</p> <p>(10) Moderate condition- a slight increase of erosion above normal levels, occasional illegal removal of fossils</p> <p>(20) Outstanding condition- erosion of locality is within normal rates for the area, no evidence of illegal collection</p> <p>DISTURBANCE MITIGATION</p> <p>(0) No action</p> <p>(5) Drainage has been emplaced</p> <p>(10) Fencing has been placed or vegetation removed</p> <p>(15) Cause of erosion due to human activity has been stopped, increase in monitoring by resource managers or law enforcement has reduced illegal activity</p> <p>FRAGILITY</p> <p>(0) High fragility- the lithology of the locality is unconsolidated and easily eroded, fossils are exposed on a seasonal basis</p> <p>(10) Moderate fragility- the erosion of the locality takes longer than a single season but occurs within a few years</p> <p>(20) Low fragility- the lithology of the locality doesn't erode quickly, fossils exposed at low rate and locality is not modified except over long periods of time</p> <p>FRAGILITY MITIGATION</p> <p>(0) No action</p> <p>(5) Covered/buried material (~50%) or stump has shelter or banding</p> <p>(10) Stump or site stabilization project in process</p> <p>(15) Fossils are collected and documented on a regular basis as a part of cyclic monitoring in order to prevent loss</p> <p>FOSSIL ABUNDANCE</p> <p>(0) Locality is between 0-150 m² with fossils highly concentrated throughout and easily recognized</p> <p>(5) Locality is between 0-400m² with fossils highly concentrated in certain areas and easily recognized</p>	<p>(10) Locality is between 400-750 with fossils occurring frequently but may or may not be easily recognized</p> <p>(15) Locality is between 500 to 1000m² with fossils being widely distributed and sparse, most likely not recognized</p> <p>(20) Locality is at least 1000m² with fossils dispersed throughout the area and not being able to be noticed easily unless known as a fossil site</p> <p>ACTUAL LOSS</p> <p>(0) Significant and noticeable disappearance of fossils from area on seasonal basis</p> <p>(10) Number of fossils in area is reduced by a small amount on a yearly basis</p> <p>(20) Number of fossils in area does not change significantly from year to year</p> <p>LOSS MITIGATION</p> <p>(0) No action</p> <p>(5) Fossils are monitored at least 5-10 years</p> <p>(10) Fossils are monitored at least every 2-4 years</p> <p>(15) Fossils monitored every year</p> <p>(20) Site is being excavated and document to prevent loss</p> <p>SITE ACCESS</p> <p>(0) Site is within 5m of a road or trail</p> <p>(5) Site is 5-10m from a trail or road</p> <p>(10) Site is between 10 to 100m of trail or road</p> <p>(15) Site is 100 to 750m from trail or road</p> <p>(20) Site is more than 750m from trail or road</p> <p>ACCESS MITIGATION</p> <p>(0) No action</p> <p>(5) Site is being actively patrolled or frequented by park staff</p> <p>(10) Site is in the program of cyclic monitoring</p> <p>(15) Site is actively protected by a physical barrier or has appropriate signage</p> <p>(20) Active law enforcement protection, either visitation or surveillance, or research/collection ongoing</p>
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