

Project WAfLS Short-eared Owl Survey Datasheet (Datasheet Version: 2018a)

State: _____ Grid #: _____ Date: _____ Visit # (1 or 2) _____ Surveyors: _____

Temperature: _____ °F; Wind (0 – 7) _____ Cloud cover (Clear, PC, MC, Cloudy) : _____

Round trip miles: Volunteer: _____ Paid Federal: _____ Paid Non-Federal: _____ Hours (prep, travel, survey x people): Volunteer: _____ Paid Federal: _____ Paid Non-Federal: _____

Affiliation(s): _____

Point #1

Start Time (24h, e.g., 1843): _____ GPS Coordinates (D.ddddd, -D.ddddd): _____

How SEOW detected (sight/sound)	Minutes Observed (Check all <input checked="" type="checkbox"/>)					Initial Direction N, NE, E,...	Initial Distance <input checked="" type="checkbox"/>				Behavior (list all - perched, foraging, direct flight, agonistic, courtship)	Vocalizations/Sounds (list all - hoots, barks, screams, wing clip, bill snap)	Habitat where observed (shrub, grass, ag, marsh, other)
	1	2	3	4	5		< 200m	200 – 400m	400 – 600m	> 600m			

Habitat w/in 400-m (must total to 100%):

% Shrub (low)	% Shrub (high)	% Cheatgrass Monoculture	% Complex Grassland	% Ag (fallow)	% Ag (dirt)	%Ag (stubble)	% Ag (green)	% Marsh / riparian	% Other	
										=100%

Must fill in all categories (0 = none observed)

% habitat grazed	# livestock visible	# Long-eared Owls	# Northern Harriers	# Ferruginous Hawks	# Burrowing Owls	# Long-billed Curlews

Number of possible Short-eared Owls that could not be 100% confirmed: _____ (required)

Other species observed (raptors or other species of note):

Notes: _____

Point #2

Start Time (24h, e.g., 1843): _____ GPS Coordinates (D.ddddd, -D.ddddd): _____

How SEOW detected (sight/sound)	Minutes Observed (Check all <input checked="" type="checkbox"/>)					Initial Direction N, NE, E,...	Initial Distance <input checked="" type="checkbox"/>				Behavior (list all - perched, foraging, direct flight, agonistic, courtship)	Vocalizations/Sounds (list all - hoots, barks, screams, wing clip, bill snap)	Habitat where observed (shrub, grass, ag, marsh, other)
	1	2	3	4	5		< 200m	200 – 400m	400 – 600m	> 600m			

Habitat w/in 400-m (must total to 100%):

% Shrub (low)	% Shrub (high)	% Cheatgrass Monoculture	% Complex Grassland	% Ag (fallow)	% Ag (dirt)	%Ag (stubble)	% Ag (green)	% Marsh / riparian	% Other	
										=100%

Must fill in all categories (0 = none observed)

% habitat grazed	# livestock visible	# Long-eared Owls	# Northern Harriers	# Ferruginous Hawks	# Burrowing Owls	# Long-billed Curlews

Number of possible Short-eared Owls that could not be 100% confirmed: _____ (required)

Other species observed (raptors or other species of note):

Notes: _____

Point #3

Start Time (24h, e.g., 1843): _____ GPS Coordinates (D.ddddd, -D.ddddd): _____

How SEOW detected (sight/sound)	Minutes Observed (Check all <input checked="" type="checkbox"/>)					Initial Direction N, NE, E,...	Initial Distance <input checked="" type="checkbox"/>				Behavior (list all - perched, foraging, direct flight, agonistic, courtship)	Vocalizations/Sounds (list all - hoots, barks, screams, wing clip, bill snap)	Habitat where observed (shrub, grass, ag, marsh, other)
	1	2	3	4	5		< 200m	200 – 400m	400 – 600m	> 600m			

Habitat w/in 400-m (must total to 100%):

% Shrub (low)	% Shrub (high)	% Cheatgrass Monoculture	% Complex Grassland	% Ag (fallow)	% Ag (dirt)	%Ag (stubble)	% Ag (green)	% Marsh / riparian	% Other	
										=100%

Must fill in all categories (0 = none observed)

% habitat grazed	# livestock visible	# Long-eared Owls	# Northern Harriers	# Ferruginous Hawks	# Burrowing Owls	# Long-billed Curlews

Number of possible Short-eared Owls that could not be 100% confirmed: _____ (required)

Other species observed (raptors or other species of note):

Notes: _____

Point #4

Start Time (24h, e.g., 1843): _____ GPS Coordinates (D.ddddd, -D.ddddd): _____

How SEOW detected (sight/sound)	Minutes Observed (Check all <input checked="" type="checkbox"/>)					Initial Direction N, NE, E,...	Initial Distance <input checked="" type="checkbox"/>				Behavior (list all - perched, foraging, direct flight, agonistic, courtship)	Vocalizations/Sounds (list all - hoots, barks, screams, wing clip, bill snap)	Habitat where observed (shrub, grass, ag, marsh, other)
	1	2	3	4	5		< 200m	200 – 400m	400 – 600m	> 600m			

Habitat w/in 400-m (must total to 100%):

% Shrub (low)	% Shrub (high)	% Cheatgrass Monoculture	% Complex Grassland	% Ag (fallow)	% Ag (dirt)	%Ag (stubble)	% Ag (green)	% Marsh / riparian	% Other	
										=100%

Must fill in all categories (0 = none observed)

% habitat grazed	# livestock visible	# Long-eared Owls	# Northern Harriers	# Ferruginous Hawks	# Burrowing Owls	# Long-billed Curlews

Number of possible Short-eared Owls that could not be 100% confirmed: _____ (required)

Other species observed (raptors or other species of note):

Notes: _____

Point #5

Start Time (24h, e.g., 1843): _____ GPS Coordinates (D.ddddd, -D.ddddd): _____

How SEOW detected (sight/sound)	Minutes Observed (Check all <input checked="" type="checkbox"/>)					Initial Direction N, NE, E,...	Initial Distance <input checked="" type="checkbox"/>				Behavior (list all - perched, foraging, direct flight, agonistic, courtship)	Vocalizations/Sounds (list all - hoots, barks, screams, wing clip, bill snap)	Habitat where observed (shrub, grass, ag, marsh, other)
	1	2	3	4	5		< 200m	200 – 400m	400 – 600m	> 600m			

Habitat w/in 400-m (must total to 100%):

% Shrub (low)	% Shrub (high)	% Cheatgrass Monoculture	% Complex Grassland	% Ag (fallow)	% Ag (dirt)	%Ag (stubble)	% Ag (green)	% Marsh / riparian	% Other	
										=100%

Must fill in all categories (0 = none observed)

% habitat grazed	# livestock visible	# Long-eared Owls	# Northern Harriers	# Ferruginous Hawks	# Burrowing Owls	# Long-billed Curlews

Number of possible Short-eared Owls that could not be 100% confirmed: _____ (required)

Other species observed (raptors or other species of note):

Notes: _____

Point #6

Start Time (24h, e.g., 1843): _____ GPS Coordinates (D.ddddd, -D.ddddd): _____

How SEOW detected (sight/sound)	Minutes Observed (Check all <input checked="" type="checkbox"/>)					Initial Direction N, NE, E,...	Initial Distance <input checked="" type="checkbox"/>				Behavior (list all - perched, foraging, direct flight, agonistic, courtship)	Vocalizations/Sounds (list all - hoots, barks, screams, wing clip, bill snap)	Habitat where observed (shrub, grass, ag, marsh, other)
	1	2	3	4	5		< 200m	200 – 400m	400 – 600m	> 600m			

Habitat w/in 400-m (must total to 100%):

% Shrub (low)	% Shrub (high)	% Cheatgrass Monoculture	% Complex Grassland	% Ag (fallow)	% Ag (dirt)	%Ag (stubble)	% Ag (green)	% Marsh / riparian	% Other	
										=100%

Must fill in all categories (0 = none observed)

% habitat grazed	# livestock visible	# Long-eared Owls	# Northern Harriers	# Ferruginous Hawks	# Burrowing Owls	# Long-billed Curlews

Number of possible Short-eared Owls that could not be 100% confirmed: _____ (required)

Other species observed (raptors or other species of note):

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Point #7

Start Time (24h, e.g., 1843): _____ GPS Coordinates (D.ddddd, -D.ddddd): _____

How SEOW detected (sight/sound)	Minutes Observed (Check all <input checked="" type="checkbox"/>)					Initial Direction N, NE, E,...	Initial Distance <input checked="" type="checkbox"/>				Behavior (list all - perched, foraging, direct flight, agonistic, courtship)	Vocalizations/Sounds (list all - hoots, barks, screams, wing clip, bill snap)	Habitat where observed (shrub, grass, ag, marsh, other)
	1	2	3	4	5		< 200m	200 – 400m	400 – 600m	> 600m			

Habitat w/in 400-m (must total to 100%):

% Shrub (low)	% Shrub (high)	% Cheatgrass Monoculture	% Complex Grassland	% Ag (fallow)	% Ag (dirt)	%Ag (stubble)	% Ag (green)	% Marsh / riparian	% Other	
										=100%

Must fill in all categories (0 = none observed)

% habitat grazed	# livestock visible	# Long-eared Owls	# Northern Harriers	# Ferruginous Hawks	# Burrowing Owls	# Long-billed Curlews

Number of possible Short-eared Owls that could not be 100% confirmed: _____ (required)

Other species observed (raptors or other species of note):

Notes: _____

Point #8

Start Time (24h, e.g., 1843): _____ GPS Coordinates (D.ddddd, -D.ddddd): _____

How SEOW detected (sight/sound)	Minutes Observed (Check all <input checked="" type="checkbox"/>)					Initial Direction N, NE, E,...	Initial Distance <input checked="" type="checkbox"/>				Behavior (list all - perched, foraging, direct flight, agonistic, courtship)	Vocalizations/Sounds (list all - hoots, barks, screams, wing clip, bill snap)	Habitat where observed (shrub, grass, ag, marsh, other)
	1	2	3	4	5		< 200m	200 – 400m	400 – 600m	> 600m			

Habitat w/in 400-m (must total to 100%):

% Shrub (low)	% Shrub (high)	% Cheatgrass Monoculture	% Complex Grassland	% Ag (fallow)	% Ag (dirt)	%Ag (stubble)	% Ag (green)	% Marsh / riparian	% Other	
										=100%

Must fill in all categories (0 = none observed)

% habitat grazed	# livestock visible	# Long-eared Owls	# Northern Harriers	# Ferruginous Hawks	# Burrowing Owls	# Long-billed Curlews

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Other species observed (raptors or other species of note):

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Point #9

Start Time (24h, e.g., 1843): _____ GPS Coordinates (D.ddddd, -D.ddddd): _____

How SEOW detected (sight/sound)	Minutes Observed (Check all <input checked="" type="checkbox"/>)					Initial Direction N, NE, E,...	Initial Distance <input checked="" type="checkbox"/>				Behavior (list all - perched, foraging, direct flight, agonistic, courtship)	Vocalizations/Sounds (list all - hoots, barks, screams, wing clip, bill snap)	Habitat where observed (shrub, grass, ag, marsh, other)
	1	2	3	4	5		< 200m	200 – 400m	400 – 600m	> 600m			

Habitat w/in 400-m (must total to 100%):

% Shrub (low)	% Shrub (high)	% Cheatgrass Monoculture	% Complex Grassland	% Ag (fallow)	% Ag (dirt)	%Ag (stubble)	% Ag (green)	% Marsh / riparian	% Other	
										=100%

Must fill in all categories (0 = none observed)

% habitat grazed	# livestock visible	# Long-eared Owls	# Northern Harriers	# Ferruginous Hawks	# Burrowing Owls	# Long-billed Curlews

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Other species observed (raptors or other species of note):

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Point #10

Start Time (24h, e.g., 1843): _____ GPS Coordinates (D.ddddd, -D.ddddd): _____

How SEOW detected (sight/sound)	Minutes Observed (Check all <input checked="" type="checkbox"/>)					Initial Direction N, NE, E,...	Initial Distance <input checked="" type="checkbox"/>				Behavior (list all - perched, foraging, direct flight, agonistic, courtship)	Vocalizations/Sounds (list all - hoots, barks, screams, wing clip, bill snap)	Habitat where observed (shrub, grass, ag, marsh, other)
	1	2	3	4	5		< 200m	200 – 400m	400 – 600m	> 600m			

Habitat w/in 400-m (must total to 100%):

% Shrub (low)	% Shrub (high)	% Cheatgrass Monoculture	% Complex Grassland	% Ag (fallow)	% Ag (dirt)	%Ag (stubble)	% Ag (green)	% Marsh / riparian	% Other	
										=100%

Must fill in all categories (0 = none observed)

% habitat grazed	# livestock visible	# Long-eared Owls	# Northern Harriers	# Ferruginous Hawks	# Burrowing Owls	# Long-billed Curlews

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Point #11

Start Time (24h, e.g., 1843): _____ GPS Coordinates (D.ddddd, -D.ddddd): _____

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	1	2	3	4	5		< 200m	200 – 400m	400 – 600m	> 600m			

Habitat w/in 400-m (must total to 100%):

% Shrub (low)	% Shrub (high)	% Cheatgrass Monoculture	% Complex Grassland	% Ag (fallow)	% Ag (dirt)	%Ag (stubble)	% Ag (green)	% Marsh / riparian	% Other	
										=100%

Must fill in all categories (0 = none observed)

% habitat grazed	# livestock visible	# Long-eared Owls	# Northern Harriers	# Ferruginous Hawks	# Burrowing Owls	# Long-billed Curlews

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