

Appendix B - Survey site characteristics and vertebrates observed during mountain plover surveys in the Henry's Fork area of Wyoming

Site	Location Notes	Survey Notes	Habitat Notes	Species Identified
BF1	The site lies south of Hwy-414 about 3.2 mi west from the junction of Hwy-1 and Hwy-414, near the town of Burntfork. (Located on BLM 100k map: Evanston T 12 R 112 S 14-15 N1/2)	Vehicle survey from road.	Habitat seems marginal, consisting of private pasture land and sagebrush.	killdeer (1)
BF3	Site access is via improved dirt road off Hwy-414, about 11.5 mi west of the junction of Hwy-1 and Hwy-414. This road ends in a gate and most of the site lies beyond the gate. (Located on BLM 100k map: Evanston T 13 R 113 S 26-27, 35-36)	Walking survey.	Fairly hilly with big sagebrush. (very similar to Appendix A, Pictures 1 and 2)	horned larks (several)
BF4	Site lies northeast of the junction of an improved dirt road and Hwy-414. This junction is about 11.5 mi west of the junction of Hwy-1 and Hwy-414. (Located on BLM 100k map: Evanston T 13 R 113 S 20-21, 28-29)	Vehicle survey from road followed by walking survey.	Fairly hilly with big sagebrush.. (see Appendix A, Picture 1)	horned larks (several)
Cedar1.1	Site consists of most of the east rim of Cedar Mountain.	Combination vehicle survey from road and walking survey of entire area.	60 m wide strip of subalpine grassland perennials around edge of cedar mountain.	Am. kestrels (1 pair w/ prey)
Cedar1.2	Small, unmapped pond. (Located on BLM 100k map: Firehole Canyon T 13 R 111 S 7, SE1/4)	Vehicle survey from road.	Unmapped pond surrounded by grasses and sagebrush.	Wilson's phalaropes (16); pintails (1 male, 1 female)
Cedar1.3	Small, unmapped pond. (Located on BLM 100k map: Evanston T 13 R 112 S 11, SW1/4)	Vehicle survey from road.	Unmapped pond surrounded by grasses and sagebrush.	Wilson's phalaropes (6); Am. widgeon (2 pairs); golden eagle (1)
FC1	Site encompasses the intersection of HWY 1 and Road 4315.	Driving survey along Road 4315 west of the intersection of HWY 1 and Road 4315. Walking surveys NE of Road 4315 and SE of the intersection.	Much bare ground and scattered shrubs. (see Appendix A, Picture 5)	horned larks (6+); Juvenile horned lizards (2)
FC3.1	Site is bout 2 mi east of Hwy-1 on road FS1, on the north side of the road. (Located on BLM 100k map: Firehole Canyon T 13 R 108 S 27, west center)	Vehicle followed by walking survey.	Small patches of marginal habitat consisting of sparse shrub cover.	horned larks (few)
FC3.2	Site is about 1.5 mi east of Hwy-1 on road FS1, on both sides of the road. (Located on BLM 100k map: Firehole Canyon T 13 R 108 S 28, SE1/4)	Vehicle followed by walking survey.	Small patches of marginal habitat consisting of sparse shrub cover.	horned larks (few); prairie dogs (few).
FC3.3	Site encompasses the intersection of road FS1 and road FS160. (Located on BLM 100k map: Firehole Canyon T 12 R 108 S 29, SE1/4)	Vehicle and walking surveys.	Relatively good habitat, consisting of sparse shrubs and grasses on flat ground.	horned larks (many)

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FC3.4	Site is about 1 mi west of Hwy-530 on an unmarked road that is just under 1 mi south of road FS1. (Located on BLM 100k map: Firehole Canyon T 13 R 108 S 28, N1/2)	Walking survey.	Relatively good habitat, consisting of grasses and short, sparse, sagebrush.	horned larks (several)
FC3.5	Site is about 1.2 miles west of Hwy-530 on an unmarked road that is about 0.7 mi north of road FS1. (Located on BLM 100k map: Firehole Canyon T 12 R 108 S 5, center)	Walking survey.	Active prairie dog town with sparse shrubs up to 8" cm tall.	horned larks (many); brewers sparrows (3); sage thrasher.(1); prairie dogs (several); badger (1); coyote (1); antelope (7 males).
FC3.6	Site is on road FS160 about one mile south of road FS1. (Located on BLM 100k map: Firehole Canyon T 13 R 108 S 33, center)	Vehicle and walking surveys.	Short sagebrush (<6") and much bare ground. Area is rather small, but there is some prairie dog activity.	horned larks (many); sage thrasher (1); prairie dogs (6)
FC3.7	Site is located less than 1 mi down dirt road that heads west off Hwy-530 about 10 mi south of the Buckboard Crossing Recreation Area. (BLM Cadastral survey marker: TRS: T13N, R108W, 1/4: s9/s19.)	Walking survey.	Flat land. Dried shrubs (<6" tall), short sagebrush (<6" tall) and grasses.	horned larks (several); prairie dogs (few)
FC7.1	Site is located about 0.5 miles east of Hwy-530 down FSroad-4 and includes land on both sides of the road. (Located on BLM 100k map: Firehole Canyon T 14 R 108 S 28, west-center.)	Walking survey.	Active prairie dog colony on relatively flat land.	horned larks (many); prairie dogs (many).
FC7.2	Site is located about 1 mi east of Hwy-530 down FSroad-4 and lies south of the road. (Located on BLM 100k map: Firehole Canyon T 14 R 108 S 28, SE1/4.)	Walking survey.	Active prairie dog colony on relatively flat land.	horned lizards (2); horned larks (many); prairie dogs (many).
HH3.1	Survey site located near the only credible mountain plover siting in the area (Element Occurrence #20), about 5 mi south of McKinnon Junction along Hwy-1. (It was just outside of the Henry's Fork study area. Located on BLM 100k map: Firehole Canyon T 15 R 109 S 21, NW1/4.)	Vehicle survey from HWY-1 and walking survey SE of Hwy-1.	Relatively good plover habitat of short shrubs (see Appendix A: Picture 6).	horned larks (few); prairie dogs (several).
PDT1	Site is 0.2 mi west of Hwy-530 directly opposite site W4.1. It lies behind a fence which necessitates a walking survey. (Located BLM 100k map, Firehole Canyon: T15 R108 S19, NE1/2.)	Walking survey (no access road).	Relatively good plover habitat, although small and fairly isolated. Active prairie dog town with short shrub cover. (very similar to Appendix A, Picture 7)	horned larks (many); sage thrashers (2); female harrier (1); sage sparrows (10); prairie dogs (several); antelope (5).
SHR1	Site is about 1.5 miles northwest of Soaps Hole Reservoir. (Located BLM 100k map, Evanston: T14 R112 S17 NE1/4 and S16 NW1/4.)	Vehicle and walking survey.	Short, dense sagebrush.	adult horned lizards (2).

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W1	Locating this site was difficult due to map inaccuracies and weak GPS signal. It lies just west of Hwy-1 on an unmarked dirt road and ends in a bluff overlooking W3. (Located BLM 100k map, Firehole Canyon: T13 R110 S7-8 S1/2 and T13 R111 S12 SE1/4.)	Vehicle and walking surveys.	Moderately tall sagebrush and grass on a wind-swept slope.	horned larks (several)
W2	Locating this site was difficult due to map inaccuracies and weak GPS signal. It lies just west of Hwy-1 on an unmarked dirt road and ends in a bluff overlooking W3. (Located BLM 100k map, Firehole Canyon: T13 R110 S7-8 S1/2 and T13 R111 S12 SE1/4.)	Vehicle and walking surveys.	moderate sagebrush and grass on a wind-swept slope.	horned larks (several)
W3	Locating this site was difficult due to map inaccuracies and no GPS signal. It lies about 4 mi west of Hwy-1 on an unmarked dirt road. (Located BLM 100k map, Firehole Canyon: T13 R110 S15 N1/2 and S10 S1/2.)	Vehicle survey from road.	Mixed sagebrush and greasewood shrubland.	horned larks (several)
W4	Site is 0.2 mi east of Hwy-530 on an un-marked dirt road that is about 1.2 miles north of entrance to Buckboard Crossing Recreation Area. (Located BLM 100k map, Firehole Canyon: T15 R108 S20, N1/2.)	Walking survey.	Relatively good plover habitat, although a small patch. V. low sagebrush (<4" tall) with relatively large amount bare ground. (see Appendix A, Picture 7)	horned larks (>12); prairie dogs (~10); male harrier (1)
W5	Site lies along Hwy-1, about 2 miles SW of the Hwy1 and Hwy530 intersection. Site consists of land around and south of the pumping station and radio tower. (Just outside the study area. Located on BLM 100k map, Firehole Canyon: T15 R109 S10, center.)	Vehicle and walking surveys.	Very flat and grassy with widely spaced shrubs. Apparently groomed and/or grazed.	cattle; horned larks (many).
W7	Site is located where road FS11 reaches the west shore of Flaming Gorge Reservoir and turns south. (Located on BLM 100k map, Firehole Canyon: T15 R108 S13, NW1/4.)	Driving survey along FS11.	Moderately tall grasses and shrubs, but close to water. (see Appendix A, Picture 8)	gulls (several); cliff swallows (several).
W8	Coming south on Hwy 530, go 5.3 miles beyond the turnoff to the Buckboard Crossing Rec. Area. Turn left on a dirt road with a stop sign. Left at first major fork. Right at second major fork. Road drops down into a grassy peninsula. (Located on BLM 100k map, Firehole Canyon: T14 R108 S22, center.)	Vehicle and walking surveys.	Potentially good plover habitat, although likely a flood plain. Vegetation is mostly bunch grasses with a fair amount of bare ground. (see Appendix A, Picture 9)	horned larks (many); starlings (several); Cattle (many); antelope (20+).
W9	Site lies 0.2 mi down an unmarked, gated, dirt road that is 0.4 mi north of the turnoff to the Buckboard Crossing Recreation Area along Hwy-530. It is on the west side of the road. (Located on BLM 100k map, Firehole Canyon: T15 R108 S19, south-center and S30, north-center.)	Vehicle and walking surveys.	A smallish patch of short shrubs in a matrix of greasewood and sagebrush steppe.	horned larks (several); horned lizard (1); prairie dogs (several)
WB2	Site is located in a flat riparian area where road FS27 meets Flaming Gorge Reservoir, about 5 mi east of Hwy-530. (Located on BLM 100k map, Firehole Canyon: T17 R107 S35 and S3.)	Vehicle survey.	Poor habitat. Tall riparian grasses, tall sagebrush, near water and near a tall butte. (see Appendix A: Picture 4)	western grebes (several); r.w. blackbirds (several); sage thrasher (1); killdeer (2)