

BFL—RECREATION FIELD FORM

R E C

SURVEY POINT ID (use any 6 letters or numbers) _____ _____
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Use this form to record field data for all species at one survey point. You will need two forms per site. Please make sure to mark whether you are conducting Visit 1 or Visit 2 below.

Name of person who received materials: _____ ID number: _____

Field observers: _____

Location of site: _____ County: _____ State/Province: _____

VISIT 1 **VISIT 2** Date: _____ Start time: _____ End time: _____

Mark all that apply during the Observation (O), Playback (P), and Behavior Watch (B) periods:

Species name (write in space)	O			P			B			O			P			B		
Not seen or heard																		
Playback used																		
Adult seen																		
Male seen																		
Female seen																		
Call heard																		
Song heard																		
Drumming heard																		
Pair																		
Territoriality																		
Courtship and display																		
Probable nest site																		
Carrying nest material																		
Nest building																		
Distraction display																		
Recently fledged young																		
Occupied nest																		
Adult carrying fecal sac																		
Begging call heard																		
Adult carrying food																		
Adult feeding young																		
Nest with eggs																		
Adult on nest																		
Nest with young																		

COMPETITORS/PREDATORS

During the Observation Period, record the number detected and check if heard only.

	Number detected	Heard only
Red squirrel/Douglas squirrel	<input type="text"/>	<input type="checkbox"/>
Chipmunk/Ground squirrel	<input type="text"/>	<input type="checkbox"/>
Gray squirrel/Fox squirrel	<input type="text"/>	<input type="checkbox"/>
Feral Cat	<input type="text"/>	<input type="checkbox"/>
Raccoon	<input type="text"/>	<input type="checkbox"/>
Bear	<input type="text"/>	<input type="checkbox"/>
Human	<input type="text"/>	<input type="checkbox"/>
Cooper's/Sharp-shinned Hawk	<input type="text"/>	<input type="checkbox"/>
Northern Goshawk	<input type="text"/>	<input type="checkbox"/>
Red-shouldered Hawk	<input type="text"/>	<input type="checkbox"/>
Broad-winged Hawk	<input type="text"/>	<input type="checkbox"/>
Great Horned Owl	<input type="text"/>	<input type="checkbox"/>
Crow/Raven	<input type="text"/>	<input type="checkbox"/>
Jay	<input type="text"/>	<input type="checkbox"/>
Grackle	<input type="text"/>	<input type="checkbox"/>
Starling	<input type="text"/>	<input type="checkbox"/>
House Sparrow	<input type="text"/>	<input type="checkbox"/>
Domestic pet	<input type="text"/>	<input type="checkbox"/>
Mammal (describe in comments)	<input type="text"/>	<input type="checkbox"/>
Other (describe in comments)	<input type="text"/>	<input type="checkbox"/>

RECREATIONAL DISTURBANCE

Was noise heard during your Observation Period? Yes No

If yes, please circle the level of the appropriate noise on a scale from 0–5:

0=no noise 1=soft noise → 5=loud, disturbing noise

Mechanical noise: 0 1 2 3 4 5 Human noise: 0 1 2 3 4 5 Music: 0 1 2 3 4 5 Other: 0 1 2 3 4 5

Did the noise interfere with your ability to hear birds? Yes No

Record the type of trash containers at this site:

- Covered trash containers
 Open trash containers
 No trash containers

Rate the amount of trash outside of containers at this site on a scale of 0–5:

0=no trash 1=some trash → 5=lots of trash

Trash outside of covered containers: 0 1 2 3 4 5

COWBIRDS During the Observation Period, mark all that apply.

No cowbird seen or heard	<input type="checkbox"/>
Male(s) seen	<input type="checkbox"/>
Male(s) displaying	<input type="checkbox"/>
Female(s) seen	<input type="checkbox"/>
Female(s) at nest	<input type="checkbox"/>
Fledgling(s) seen	<input type="checkbox"/>
Heard only	<input type="checkbox"/>

Comments for Visit 1 or Visit 2 (include information about birds responding to playback of another species): _____

SURVEY POINT CHARACTERISTICS (see pages 2.7–2.8 in the *Study Site Instructions* section)

Latitude: _____ **Longitude:** _____ **Elevation:** _____ ft m (circle one)

How did you determine latitude and longitude: (mark one)

- | | |
|--|---|
| <input type="checkbox"/> BFL map application | <input type="checkbox"/> Provided by my site coordinator |
| <input type="checkbox"/> Topographic map | <input type="checkbox"/> Worldwide Web (or Internet) |
| <input type="checkbox"/> Global positioning system (GPS) | <input type="checkbox"/> Other map (write on lines below) |
| <input type="checkbox"/> Geographic information system (GIS) | <input type="checkbox"/> Other (write on lines below) |
- _____
- _____

Distance to nearest: (circle one)

- | | | | | | |
|--------------------|-------|----|----|---|----|
| edge: | _____ | ft | mi | m | km |
| road: | _____ | ft | mi | m | km |
| water: | _____ | ft | mi | m | km |
| occupied building: | _____ | ft | mi | m | km |

STUDY SITE CHARACTERISTICS (see pages 2.8–2.11 in the *Study Site Instructions* section)

Hydrology in breeding season:

- (mark all that apply)
- No water
 - Stream/flowing water
 - Pond/standing water
 - Forested wetland
 - Riparian forest strip

Forest cover type: (mark one)

- Conif. (natural)
- Conif. plantation
- Deciduous
- Mixed conif./decid.

Slope: (mark one)

- Sloped
- Level
- Undulating

Land use: (mark all that apply)

- Undisturbed
- Light recreation
- Heavy recreation
- Partially cut
- Commercial forest
- Grazed
- Recently burned
- Suburban woodlot
- Other _____

Ownership: (mark one)

- Private
- Timber Co.
- State
- County/Town
- Forest Service
- BLM
- USFWS
- Other federal
- Tribal lands
- Other _____

Canopy height: _____ ft m

Percentage of canopy cover: _____ = % Deciduous cover _____ + % Coniferous cover _____

Most common trees in canopy: (list three if known) _____

Percentage of low vegetation cover: _____ = % Saplings _____ + % Deciduous shrubs _____ +
% Coniferous shrubs _____ + % Ground cover _____ + % Dead _____ (leaf litter, fallen trees, etc.)

Most common low vegetation plants: (list three if known) _____

LANDSCAPE LEVEL CHARACTERISTICS (see pages 2.12–2.15 in the *Study Site Instructions* section)

Patch edge: (check all that are adjacent to your patch)

- | | |
|--|--|
| <input type="checkbox"/> Industrial/Commercial | <input type="checkbox"/> Desert scrub |
| <input type="checkbox"/> Residential | <input type="checkbox"/> Natural grassland |
| <input type="checkbox"/> Agricultural | <input type="checkbox"/> Wetland |
| <input type="checkbox"/> Second growth | <input type="checkbox"/> Open water |
| <input type="checkbox"/> Natural shrub | <input type="checkbox"/> Other |

Forest patch size: _____ acres ha (circle one) Was this measured or estimated

Percentage of forest: _____%

Linear distance of edge: _____ ft m (circle one)

Isolation measurements: (if your patch is 1,000 acres (400 hectares) or more, you do not need to complete this measurement)

Distance from your patch to the nearest patch of 100 acres (40 hectares) or more: _____ ft mi m km (circle one)

Distance from your patch to the nearest patch of 500 acres (200 hectares) or more: _____ ft mi m km (circle one)

Sources of information: (mark all that apply)

- | | | |
|--|--|---------------------------------------|
| <input type="checkbox"/> Topographic map | <input type="checkbox"/> Other map (write on lines to right) | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Aerial photo | <input type="checkbox"/> Geographic Information System (GIS) | _____ |