Belt Transect Data Form

Monitoring plot: Reference 1 **Date:** 12/10/10

Reader: CM **Recorder:** CM

Transect area* = _____ **ha =** _____ (line length) **meters X** _____ (belt width) **meters/10,000**

Transect area =** 0.00558 **ha =** 6 **ft x** 100 **ft x (0.0000093)**

Size class A = _____ **Size class B =** _____ **Size class C =** _____

Density* = number of individuals per hectare (this indicator doesn't need to be calculated in the field).

Line: N35°18'48.54" W120°41'13.16"							Direction: 260°		
	Size class								
Species	A (tally marks)	Total	Density	B (tally marks)	Total	Density	C (tally marks)	Total	Density
NAPU		206	36918/ha						
		+	14767/ac						

Line:							Direction:		
	Size class								
Species	A (tally marks)	Total	Density	B (tally marks)	Total	Density	C (tally marks)	Total	Density

Example: *50 m x 2 m = 100 square meters (m^2). There are 10,000 m^2 in 1 hectare, so 100 m^2/(10,000 m^2 per 1 ha) = 0.01 ha. Density for 15 plants in a 100 m^2 belt = 15/0.01 ha = 1500 plants/ha.

**150 ft x 6 ft = 900 ft^2. 1 ft^2 = 0.0000093 ha, so 900 ft^2 x 0.0000093ha/ft^2 = 0.008ha. Density for 15 plants in a 900 ft^2 belt = 15/0.008 = 1875 plants/ha.

Belt Transect Data Form

Monitoring plot: R2 **Date:** 12/10/10

Reader: CM **Recorder:** CM

Transect area* = _____ **ha =** _____ (line length) **meters X** _____ (belt width) **meters/10,000**

Transect area =** 0.00558 **ha =** 100 **ft x** 6 **ft x (0.0000093)**

Size class A = _____ **Size class B =** _____ **Size class C =** _____

Density* = number of individuals per hectare (this indicator doesn't need to be calculated in the field).

Line: N35°18' 49.07" W120° 41' 13.79"							Direction: 205°		
	Size class								
Species	A (tally marks)	Total	Density	B (tally marks)	Total	Density	C (tally marks)	Total	Density
NAPU		239	42832/ha						
			17133/ac						

Line:							Direction:		
	Size class								
Species	A (tally marks)	Total	Density	B (tally marks)	Total	Density	C (tally marks)	Total	Density

Example: *50 m x 2 m = 100 square meters (m^2). There are 10,000 m^2 in 1 hectare, so 100 m^2/(10,000 m^2 per 1 ha) = 0.01 ha. Density for 15 plants in a 100 m^2 belt = 15/0.01 ha = 1500 plants/ha.

**150 ft x 6 ft = 900 ft^2. 1 ft^2 = 0.0000093 ha, so 900 ft^2 x 0.0000093ha/ft^2 = 0.008ha. Density for 15 plants in a 900 ft^2 belt = 15/0.008 = 1875 plants/ha.

Belt Transect Data Form

Monitoring plot: R 3 **Date:** _____

Reader: CM **Recorder:** CM

Transect area* = _____ **ha =** _____ (line length) **meters X** 6 (belt width) **meters/10,000**

Transect area =** 0.00279 **ha =** 50 **ft x** 6 **ft x (0.0000093)**

Size class A = _____ **Size class B =** _____ **Size class C =** _____

Density* = number of individuals per hectare (this indicator doesn't need to be calculated in the field).

Line: N 35° 18' 49.60" W 120° 41' 13.12"						Direction: 80°				
	Size class									
Species	A (tally marks)	Total	Density	B (tally marks)	Total	Density	C (tally marks)	Total	Density
NAPU	° °	2	716/ha						
			287/ac						

Line:						Direction:				
	Size class									
Species	A (tally marks)	Total	Density	B (tally marks)	Total	Density	C (tally marks)	Total	Density
ERSE	☒ :	12	4301/ha						
			1720/ac						

Example: *50 m x 2 m = 100 square meters (m^2). There are 10,000 m^2 in 1 hectare, so 100 m^2/(10,000 m^2 per 1 ha) = 0.01 ha. Density for 15 plants in a 100 m^2 belt = 15/0.01 ha = 1500 plants/ha.

**150 ft x 6 ft = 900 ft^2. 1 ft^2 = 0.0000093 ha, so 900 ft^2 x 0.0000093ha/ft^2 = 0.008ha. Density for 15 plants in a 900 ft^2 belt = 15/0.008 = 1875 plants/ha.

Belt Transect Data Form

Monitoring plot: 1 **Date:** 12/11/10

Reader: CM **Recorder:** CM

Transect area* = _____ **ha =** _____ (line length) **meters X** _____ (belt width) **meters/10,000**

Transect area =** 0.00279 **ha =** 50 **ft x** 6 **ft x (0.0000093)**

Size class A = _____ **Size class B =** _____ **Size class C =** _____

Density* = number of individuals per hectare (this indicator doesn't need to be calculated in the field).

Line: N35°18' 45.66" W120°41' 3.42"						Direction: 30°			
	Size class								
Species	A (tally marks)	Total	Density	B (tally marks)	Total	Density	C (tally marks)	Total	Density
PHAQ	𝍸 𝍸 𝍸	31	11111/ha						
			4444/ac						
NAPU	𝍸 𝍸 𝍸	55	19713/ha						
			7885/ac						
FOVU	𝍸	2	717/ha						
			287/ac						

Line:						Direction:			
	Size class								
Species	A (tally marks)	Total	Density	B (tally marks)	Total	Density	C (tally marks)	Total	Density

Example: *50 m x 2 m = 100 square meters (m^2). There are 10,000 m^2 in 1 hectare, so 100 m^2/(10,000 m^2 per 1 ha) = 0.01 ha. Density for 15 plants in a 100 m^2 belt = 15/0.01 ha = 1500 plants/ha.

**150 ft x 6 ft = 900 ft^2. 1 ft^2 = 0.0000093 ha, so 900 ft^2 x 0.0000093ha/ft^2 = 0.008ha. Density for 15 plants in a 900 ft^2 belt = 15/0.008 = 1875 plants/ha.

Belt Transect Data Form

Monitoring plot: 2 **Date:** 12/10/10

Reader: CM **Recorder:** CM

Transect area* = _____ **ha =** _____ (line length) **meters X** _____ (belt width) **meters/10,000**

Transect area =** 0.00279 **ha =** 50 **ft x** 6 **ft x (0.0000093)**

Size class A = FOVU >2ft **Size class B =** FOVU <2ft **Size class C =** _____

Density* = number of individuals per hectare (this indicator doesn't need to be calculated in the field).

Line: N 35° 18' 47.40" W120° 41' 2.97" ±13ft						Direction: 190°			
	Size class								
Species	A (tally marks)	Total	Density	B (tally marks)	Total	Density	C (tally marks)	Total	Density
NAPU	𝍸 𝍸𝍸								
	𝍸𝍸 𝍸𝍸		44086/ha						
	𝍸 𝍸 :	123	17634/ac						
HASQ	□	8	2867/ha						
			1147/ac						
FOVU	□	7	2509/ha		1	358/ha			
			1004/ac			143/ac			

Line:				Direction:					
	Size class								
Species	A (tally marks)	Total	Density	B (tally marks)	Total	Density	C (tally marks)	Total	Density

Example: *50 m x 2 m = 100 square meters (m^2). There are 10,000 m^2 in 1 hectare, so 100 m^2/(10,000 m^2 per 1 ha) = 0.01 ha. Density for 15 plants in a 100 m^2 belt = 15/0.01 ha = 1500 plants/ha.

**150 ft x 6 ft = 900 ft^2. 1 ft^2 = 0.0000093 ha, so 900 ft^2 x 0.0000093ha/ft^2 = 0.008ha. Density for 15 plants in a 900 ft^2 belt = 15/0.008 = 1875 plants/ha.

Belt Transect Data Form

Monitoring plot: 3 **Date:** 12/10/10

Reader: CM **Recorder:** CM

Transect area* = _____ **ha =** _____ (line length) **meters X** _____ (belt width) **meters/10,000**

Transect area =** 0.00279 **ha =** 50 **ft x** 6 **ft x (0.0000093)**

Size class A = FOVU >2ft **Size class B =** FOVU <2ft **Size class C =** _____

Density* = number of individuals per hectare (this indicator doesn't need to be calculated in the field).

Line: N35°18'53.38" W120°41'7.99"				Direction: 80°					
	Size class								
Species	A (tally marks)	Total	Density	B (tally marks)	Total	Density	C (tally marks)	Total	Density
NAPU	𝍸 𝍸								
	𝍸 𝍸 :	93	33333/ha						
			13333/ac						

Line:				Direction:					
	Size class A= mature B= seedling or < 2 ft								
Species	A (tally marks)	Total	Density	B (tally marks)	Total	Density	C (tally marks)	Total	Density
FOVU	𝍸 𝍸	29	10394/ha	𝍸	10	3584/ha			
			4158/ac			1434/ac			

Example: *50 m x 2 m = 100 square meters (m^2). There are 10,000 m^2 in 1 hectare, so 100 m^2/(10,000 m^2 per 1 ha) = 0.01 ha. Density for 15 plants in a 100 m^2 belt = 15/0.01 ha = 1500 plants/ha.

**150 ft x 6 ft = 900 ft^2. 1 ft^2 = 0.0000093 ha, so 900 ft^2 x 0.0000093ha/ft^2 = 0.008ha. Density for 15 plants in a 900 ft^2 belt = 15/0.008 = 1875 plants/ha.

Belt Transect Data Form

Monitoring plot: 4 **Date:** 12/11/10

Reader: CM **Recorder:** CM

Transect area* = _____ **ha =** _____ (line length) **meters X** _____ (belt width) **meters/10,000**

Transect area =** 0.00279 **ha =** 50 **ft x** 6 **ft x (0.0000093)**

Size class A = _____ **Size class B =** FOVU < 2 ft **Size class C =** _____

Density* = number of individuals per hectare (this indicator doesn't need to be calculated in the field).

Line: N35° 18' 52.91" W120° 41' 9.27" ± 11 ft							Direction: 144°		
	Size class								
Species	A (tally marks)	Total	Density	B (tally marks)	Total	Density	C (tally marks)	Total	Density
NAPU	𝍸𝍸								
	𝍸𝍸	119	42652/ha						
			17061/ac						
FOVU	⁞	5	1792/ha	717/ac	1	358/ha	143/ac		
CESO	𝍸								
	⁘	72	25806/ha	10323/ac					
BAPI	•	1	358/ha	143/ac					

Line:							Direction:		
	Size class								
Species	A (tally marks)	Total	Density	B (tally marks)	Total	Density	C (tally marks)	Total	Density

Example: *50 m x 2 m = 100 square meters (m^2). There are 10,000 m^2 in 1 hectare, so 100 m^2/(10,000 m^2 per 1 ha) = 0.01 ha. Density for 15 plants in a 100 m^2 belt = 15/0.01 ha = 1500 plants/ha.

**150 ft x 6 ft = 900 ft^2. 1 ft^2 = 0.0000093 ha, so 900 ft^2 x 0.0000093ha/ft^2 = 0.008ha. Density for 15 plants in a 900 ft^2 belt = 15/0.008 = 1875 plants/ha.

Belt Transect Data Form

Monitoring plot: 5 **Date:** 12/10/10

Reader: CM **Recorder:** CM

Transect area* = _____ **ha =** _____ (line length) **meters X** _____ (belt width) **meters/10,000**

Transect area =** _____ **ha =** 50 **ft x** 6 **ft x (0.0000093)**

Size class A = _____ **Size class B =** _____ **Size class C =** _____

Density* = number of individuals per hectare (this indicator doesn't need to be calculated in the field).

Line: N35°18'46.97" W120°41'8.96"						Direction: 200°			
	Size class								
Species	A (tally marks)	Total	Density	B (tally marks)	Total	Density	C (tally marks)	Total	Density
NAPU	⊠⊠::	24	8602/ha						
			3441/ac						

Line:						Direction:			
	Size class								
Species	A (tally marks)	Total	Density	B (tally marks)	Total	Density	C (tally marks)	Total	Density
FOVU	⊠:·	13	4659/ha		0				
			1864/ac						
PIEC	⊠⊠⊠⊠⊠	77	27599/ha						
	⊠⊠LJ		11039/ac						

Example: *50 m x 2 m = 100 square meters (m^2). There are 10,000 m^2 in 1 hectare, so 100 m^2/(10,000 m^2 per 1 ha) = 0.01 ha. Density for 15 plants in a 100 m^2 belt = 15/0.01 ha = 1500 plants/ha.

**150 ft x 6 ft = 900 ft^2. 1 ft^2 = 0.0000093 ha, so 900 ft^2 x 0.0000093ha/ft^2 = 0.008ha. Density for 15 plants in a 900 ft^2 belt = 15/0.008 = 1875 plants/ha.