

Black-capped Chickadee Populations



Name(s): _____

Date: _____ RFID Reader #: _____

How to find your Chickadee on this form:

Many of the Chickadee's at the F.W.R. Dickson Wilderness area have been banded so that we can identify individuals at a glance. Each bird has four leg bands, one metal and 3 color (two per leg). The bands are read from the top to bottom, one leg at a time starting with the right leg first, then the left leg.

Birds are grouped together on the following page with those wearing the same double color bands on one leg (double red, blue, green, yellow, black and pink). The other leg will always have a metal band and one other color. No two birds have the same combination of leg bands.

Color Codes:

- M = Metal
- R = Red
- B = Blue
- G = Green
- Y = Yellow
- P = Pink
- Bk = Black

Instructions:

1. Identify who is in each flock. (On the following table circle the birds you see).
2. Count the maximum number of unbanded individuals you observe at one time.
3. Mark the location where each bird was observed. (Use the map grid on the back).
4. Do the math to determine population size

Mark-resight (Relative Abundance Estimate)

M (Marked initially) = _____ (Ask Instructor)

R (Marked individuals resighted) = _____

T (Total individuals observed) = _____

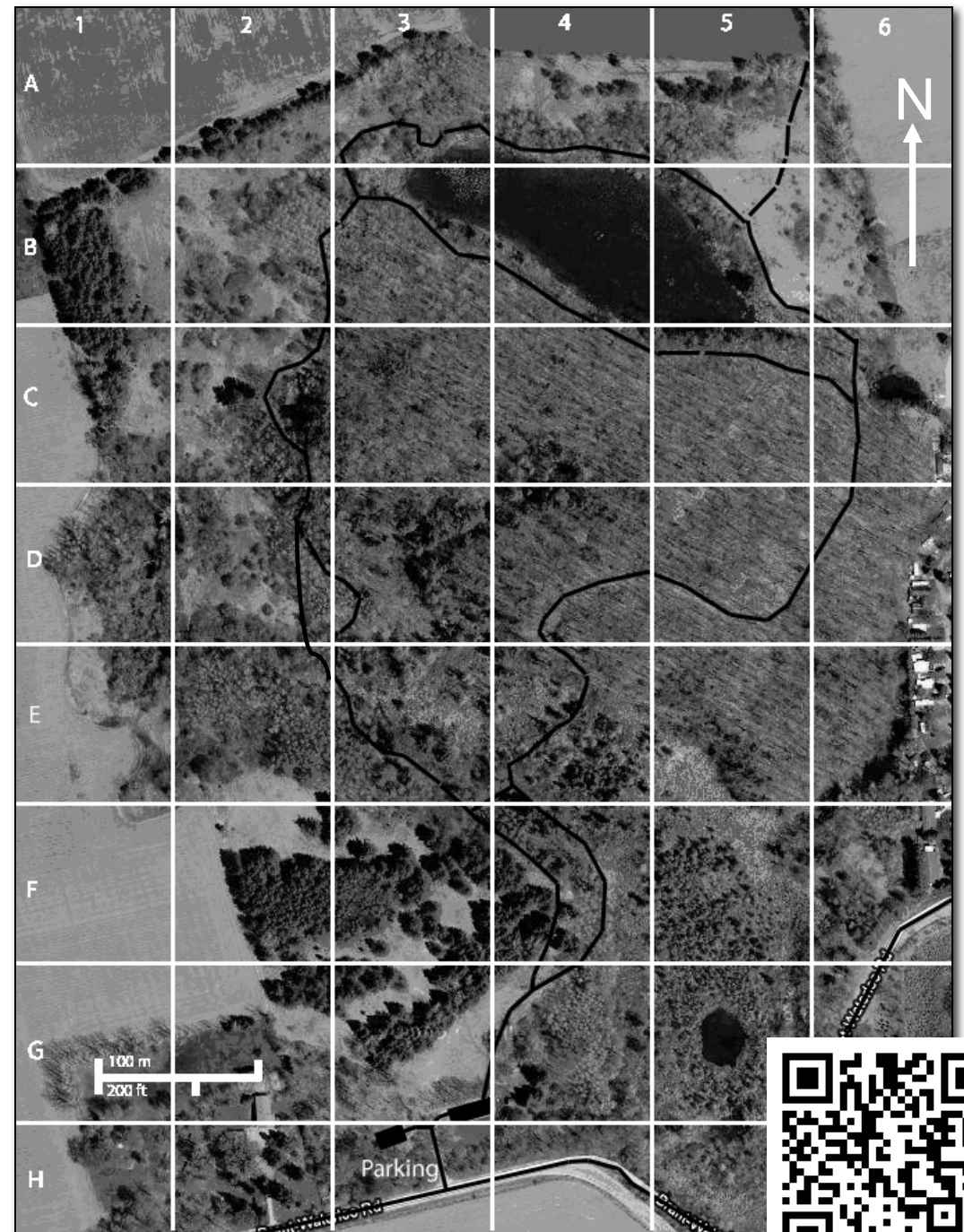
Therefore:

$$N = \frac{M \cdot T}{R}$$

N (Total Population) = _____

F.W.R. Dickson Wilderness Area

Each square is 1 hectare, Chickadee flocks need 9-23 hectares.



For more information: <http://dicksonchickadees.wordpress.com>

Share photo's and videos @Wrigleycorners by Twitter or Instagram.



For a map to the Dickson Check out: <http://bit.ly/1F7ba9K>

Date: _____

Black-capped Chickadee Study: *feeding rates, flock structure and winter range.*

Right		Red on Right Leg				Left	
Right	Left	Feeding	Behaviour	Call	Location	Right	Left
R M							
R R						W	
Len 09							
R R							
R M						W	
Rick 04							
R M						W	
R B							
Kim 08							
R B						W	
R M							
Ted 09							
R M						W	
R G							
Joan 11							
R G						W	
R M							
Frank 12							
R M						W	
R Y							
Bob 09							
R Y						W	
R M							
Ann 07							
R M						W	
R P							
Ho 04							
R P						W	
R M							
Lee 98							
R M						W	
R Bk							
Gavi 11							
R Bk						W	
R M							
Don 11							

Right		Red on Left Leg				Left	
Right	Left	Feeding	Behaviour	Call	Location	Right	Left
M R							
R R						W	
Amy 14							
R R							
R M						W	
Bill 10							
M R						W	
R B							
Vicki 12							
R B						W	
R M							
Fraser 07							
M R						W	
G R							
Lori 14							
G R						W	
M R							
Pete 07							
M R						W	
Y R							
Fran 15							
Y R						W	
M R							
Mel 10							
M R						W	
P R							
Lena 00							
P R						W	
M R							
Erwin 09							
M R						W	
Bk R							
Moh 11							
Bk R						W	
M R							
Joyce 09							

Right		Green on Right Leg				Left	
Right	Left	Feeding	Behaviour	Call	Location	Right	Left
G M							
G R						W	
Al 13							
G R							
M R						W	
Kate 02							
G M						W	
G B							
Tom 13							
G B						W	
G M							
Jane 01							
G M						W	
G G							
Jeff 12							
G G						W	
M R							
Chris 01							
M R						W	
Y R							
Fran 15							
G Y						W	
M R							
Mel 10							
M R						W	
Yves 08							
M R						W	
P R							
Lena 00							
G P						W	
M R							
Joe 10							
M R						W	
Bk R							
Shirl 05							
G Bk						W	
M R							
Nicole 12							

Right		Green on Left Leg				Left	
Right	Left	Feeding	Behaviour	Call	Location	Right	Left
M G							
R G						W	
Gord 06							
R G							
G M						W	
Lise 98							
M G						W	
B G							
Reg 10							
B G						W	
G M							
Becki 99							
M G						W	
G G							
Ron 99							
G G						W	
M G							
Sami 05							
M G						W	
Y G							
Andre 11							
Y G						W	
G M							
Tina 12							
M G						W	
P G							
April 07							
P G						W	
M G							
May 11							
M G						W	
Bk G							
June 01							
Bk G						W	
M G							
Orion 01							

Right		Pink on Right Leg				Left	
Right	Left	Feeding	Behaviour	Call	Location	Right	Left
P M							
R P						W	
Saturn 96							
P R							
M G						W	
Venus 96							
P M						W	
P B							
Neptune96							
P B						W	
M G							
Mars 96							
P M						W	
P G							
Stan 96							
P G						W	
M G							
Virgo 12							
P M						W	
Y G							
Leo 98							
P Y						W	
M G							
Aquarius98							
P M						W	
P P							
Taurus 98							
P P						W	
M G							
Vega 98							
P M						W	
P Bk							
Gemini12							
P Bk						W	
M G							
Castor 01							

Right		Pink on Left Leg				Left	
Right	Left	Feeding	Behaviour	Call	Location	Right	Left
M P							
R P						W	
Betty 12							
R P							
M P						W	
Cygnus08							
M P						W	
B P							
Rudolf01							
B P						W	
M P							
Amber 01							
M P						W	
G P							
Molene 11							
G P						W	
M P							
Alba							
P M						W	
Y P							
Leo 98							
P Y						W	
M P							
Beattie 11							
M P						W	
P P							
Windy							
P P						W	
M P							
Ray 08							
M P						W	
Bk P							
Corina							
Bk P						W	
M P							
Rose 12							

Right		Blue on Right Leg				Left	
Right	Left	Feeding	Behaviour	Call	Location	Right	Left
B M							
R B						W	
Luke 07							
R B							
B M						W	
Suse 14							
B M						W	
B B							
Ken 13							
B B						W	
B M							
Robin 01							
B M						W	
B G							
Bakiss 07							
B G						W	
B M							
Steve 06							
B M						W	
B Y							
Ernie 13							
B Y						W	
B M							
Bert 14							
B M						W	
B P							
Claire 06							
B P						W	
B M							
Jon 06							
B M						W	
B Bk							
Leff 11							
B Bk						W	
B M							
Gale 09							

Right		Blue on Left Leg				Left	
Right	Left	Feeding	Behaviour	Call	Location	Right	Left
M B							
R B						W	
Denise 14							
R B							
M B						W	
Pat 10							
M B						W	
B B							
Duane 07							
B B						W	
M B							
Cathy 08							
M B						W	
G B							
Rod 07							
G B						W	
M B		</					