

Bat Conservation: Steps to take now

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of Engineers®



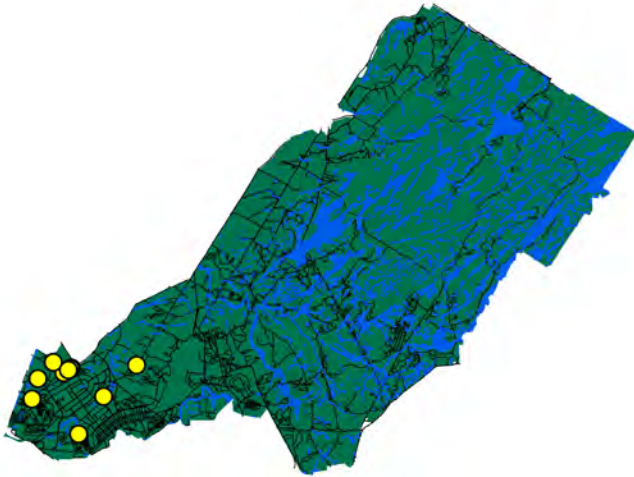
Inventory/Monitoring Methods

- Capture techniques
 - ▶ Mark/recapture
- Colony counts
- Acoustics
 - ▶ Fixed point
 - ▶ Mobile transects

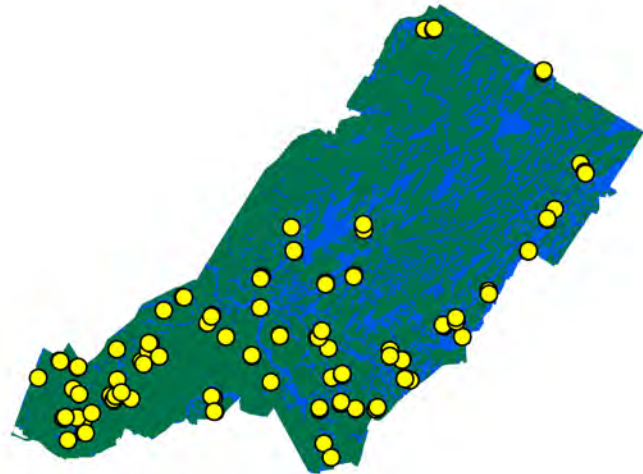


Bat Capture Locations at Fort Drum, NY

Indiana bat



Northern long-eared bat



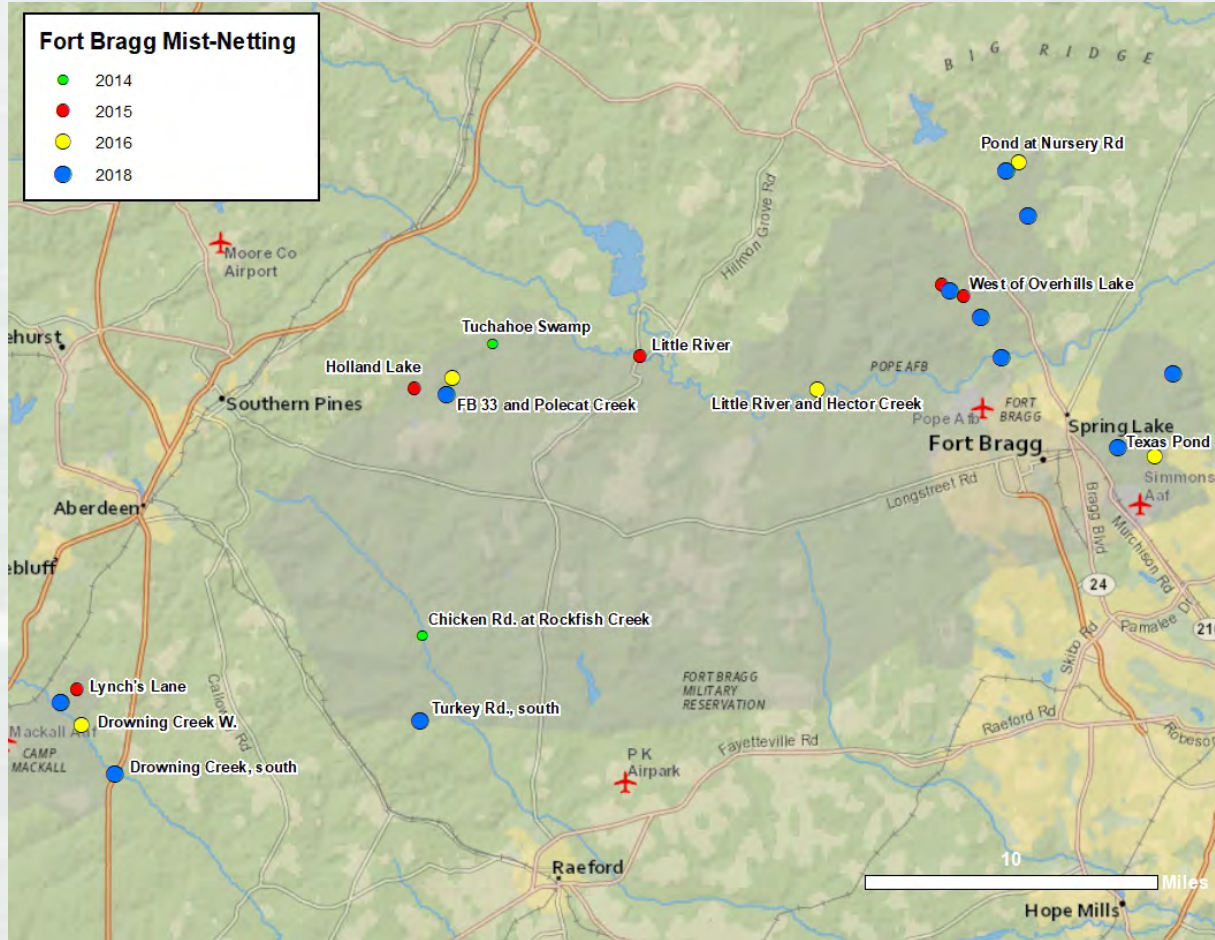
MIST NET RESULTS

	2007 (n = 81)	2008 (n = 41)	2009 (n=85)	2010 (n= 85)	2011 (n= 60)*
Big Brown Bat	574 (7.09)	215 (5.24)	311 (3.66)	486 (5.72)	364 (6.07)
Little Brown Myotis	440 (5.43)	104 (2.54)	35 (0.41)	51 (0.6)	14 (0.23)
Northern Myotis	260 (3.21)	37 (0.90)	5 (0.06)	5 (0.06)	1 (0.02)
Eastern Red Bat	62 (0.77)	14 (0.34)	32 (0.38)	89 (1.05)	72 (1.2)
Indiana Myotis	18	2	0	2	1
Hoary Bat	7	5	3	6	2
Silver-Haired Bat	4	3	4	5	2
Tricolored Bat	4	0	1	1	0
Small-footed Myotis	0	0	0	2	0
TOTAL BATS	1369 (16.9)	380 (9.27)	391 (4.6)	647 (7.6)	456 (7.6)

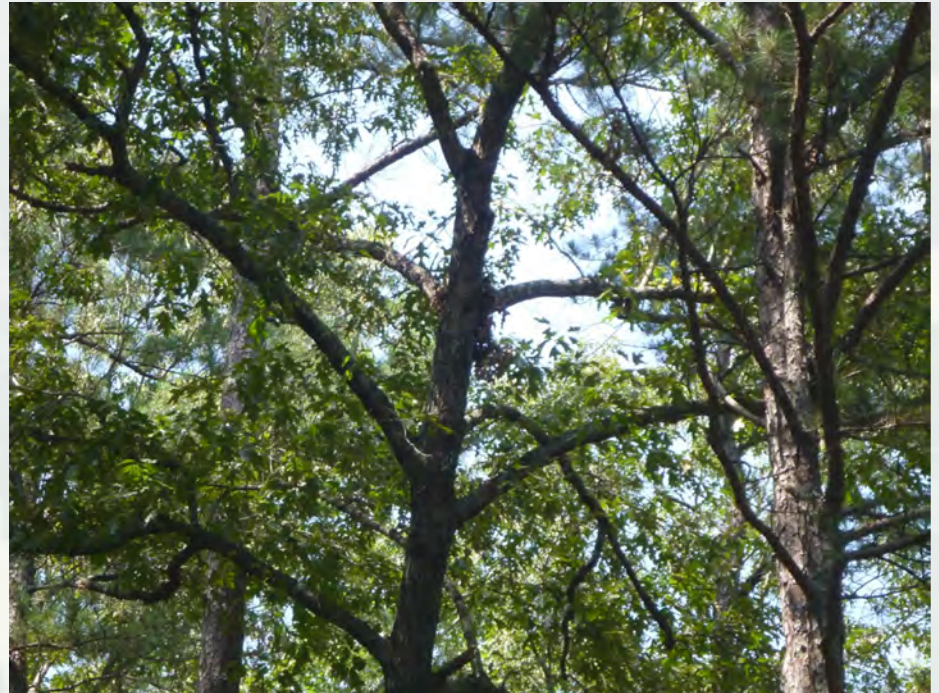
* 30 Sites Repeated Twice
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Fort Bragg, NC



Roosting Ecology



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White Nose Syndrome Research



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