

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT10A CA 054 Plot No.: 1

Date: Aug 30, 2006 Start Time: 11:30 AM

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 0

PRT species: None

Percent Canopy Cover: 40 Estimated Average Overstory dbh (in): 8

Dominant Overstory Tree Species (list up to 3):

Sycamore P. occidentalis
Honey locust

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

many logging trails

Comments (include access comments):

Black walnut removed
small damage.

D. Kibbe S. Graber

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A CA 058 Plot No.: 1

Date: Aug 30, 2006 Start Time: 12:30 PM

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 1

PRT species:

dead Amer Elm . U. Americana
on edge of open ROW for existing pipeline

Percent Canopy Cover: 95 Estimated Average Overstory dbh (in): 9

Dominant Overstory Tree Species (list up to 3):

Black Walnut J. nigra
Sycamore P. occidentalis
Celtis sp.

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

only the existing pipeline ROW

Comments (include access comments):

intermittent stream bed runs entire width of woodlot
large sled dog lives in house to south . apparently friendly

D. Kibbe S. Graber

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A 059 Plot No.: 1

Date: Aug 30, 2006 Start Time: 12:45

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): _____

No. of PRTs: 1

PRT species:
Shagbark Hickory -

Percent Canopy Cover: 90 Estimated Average Overstory dbh (in): 12

Dominant Overstory Tree Species (list up to 3):

Cottonwood
Celtis
Hickory Sp Carya

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

Limited - a few spots where you could
get net into lower canopy

Comments (include access comments):

two PRT on western edge of woodland
outside plot - both dead sides
grazed area - little shrub cover
D. Kibbe S. Graber

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A CA060 Plot No.: 1

Date: Aug 30, 2006 Start Time: 2:10

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: ~~1~~ 2

PRT species: ~~None~~ 2 dead Celtis with loose bark

Percent Canopy Cover: 70 Estimated Average Overstory dbh (in): 7

Dominant Overstory Tree Species (list up to 3):

Black Walnut *J. Nigra*
Silver Maple *Acer saccharinum*
Honey Locust

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

No

Comments (include access comments):

Ungrazed, lots of P. Ivy + shrubs.

D Kibbe S Gruber

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A CA 061 Plot No.: 1 of 2

Date: Aug 30, 2006 Start Time: _____

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 0

PRT species: None

Percent Canopy Cover: 95 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

Black Walnut

Honey locust

Osage Orange Madia pomifera

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

None.

Comments (include access comments):

contains - hidden fence on eastern side of woodland

D 2/16

S. Knicker (GPS)

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: DAT 10A CA 061 Plot No.: 2

Date: Aug 30, 2006 Start Time: 3:22

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 2

PRT species: Amer Elm - both dead -
one has lost most of its bark -

Percent Canopy Cover: 95 Estimated Average Overstory dbh (in): 8

Dominant Overstory Tree Species (list up to 3):

Honey Locust
Black Walnut

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none -

Comments (include access comments):

D. Kirby 5 tracks (GPS)

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A 062 Plot No.: 1

Date: Aug 30, 2006 Start Time: 2:55

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 1

PRT species: Dead Amer. Elm on edge of cleared ROW

Percent Canopy Cover: 90 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

Box elder, Acer negundo -
Honey locust - ~~Robinia pseudoacacia~~
Shingle Oak - Q. ~~alba~~ imbricaria

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

Some openings but limited

Comments (include access comments):

dry ditch

D. Kibbe S. Graber, (GPS)

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A CA063 Plot No.: 1

Date: Aug 31, 2006 Start Time: _____

Length of East/West Plot Edge (ft): 175
Length of North/South Plot Edge (ft): 60 *track is entire plot*

No. of PRTs: None

PRT species:
None

Percent Canopy Cover: 60 Estimated Average Overstory dbh (in): 6

Dominant Overstory Tree Species (list up to 3):

Osage Orange

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

no mist net lanes

Comments (include access comments):

grazed. pond to south

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BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A CAD64 Plot No.: 1

Date: Aug 31, 2006 Start Time: _____

Length of East/West Plot Edge (ft): 125

Length of North/South Plot Edge (ft): 60

No. of PRTs: 1

PRT species: Amer Elm

Percent Canopy Cover: 30 Estimated Average Overstory dbh (in): 6

Dominant Overstory Tree Species (list up to 3):

Amer Elm
Orange orange

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

stream at western end

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: UAT 10 A CA065 Plot No.: 1

Date: Aug 31, 2006 Start Time: _____

Length of East/West Plot Edge (ft): 125

Length of North/South Plot Edge (ft): 60

No. of PRTs: None

PRT species:

Percent Canopy Cover: 50 Estimated Average Overstory dbh (in): 8

Dominant Overstory Tree Species (list up to 3):

Osage Orange
American Elm
Honey Locust

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

None

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: DAT 10A CA066 Plot No.: 1

Date: Aug 31, 2006 Start Time: 11 AM

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: none

PRT species: none

Percent Canopy Cover: 80 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

Honey Locust
Hackberry
Orange Orange

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

no

Comments (include access comments):

one PRT on eastern edge of woods
outside plot - probably south of ROW. about 250' off

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT WA CA067 Plot No.: 1

Date: Aug 31, 2006 Start Time: _____

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 1

PRT species:

dead Shagbark Hickory

Percent Canopy Cover: 45 Estimated Average Overstory dbh (in): 8

Dominant Overstory Tree Species (list up to 3):

hackberry
Black Walnut
Chinkapin Oak . Q. muhlenbergii

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

yes

Comments (include access comments):

partially logged

DKilbe Paul S.

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A CA067 Plot No.: 2

Date: Aug Start Time: _____

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 2

PRT species:
American Elm
unknown

Percent Canopy Cover: 30 Estimated Average Overstory dbh (in): 8

Dominant Overstory Tree Species (list up to 3):

Red oak Q umbra
Shagbark Hickory
Bitternut Hickory - Carya cordifolia

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

yes -

Comments (include access comments):

selectively logged

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: WAT 10A CA066 Plot No.: 1

Date: Aug 31, 2006 Start Time: _____

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 1

PRT species: Honey Locust - dead

Percent Canopy Cover: 90 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

Burn Oak
Bitternut
Shagbark Hickory

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

Limited

Comments (include access comments):

grazed woodlot

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: CA069 Plot No.: 2

Date: Aug 31, 2006 Start Time: _____

Length of East/West Plot Edge (ft): _____

Length of North/South Plot Edge (ft): _____

No. of PRTs: 1

PRT species: unknown oak

Percent Canopy Cover: 80 Estimated Average Overstory dbh (in): 8

Dominant Overstory Tree Species (list up to 3):

Black Walnut
Honey Locust

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

Very limited

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A CA069 Plot No.: 1

Date: Aug 31, 2000 Start Time: _____

Length of East/West Plot Edge (ft): 173

Length of North/South Plot Edge (ft): 60

No. of PRTs: 1

PRT species: live Shagbark Hickory - one dead branch

Percent Canopy Cover: 95 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

Shagbark
Bitternut Hickory
Black Walnut

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A CA069 Plot No.: 2

Date: Aug 31, 2006 Start Time: _____

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 1

PRT species: large dead hackberry

Percent Canopy Cover: 80 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

Hackberry
Shagbark Hickory

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

yes - due to logging activity

Comments (include access comments):

selectively logged

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A CAG70 Plot No.: 1

Date: Sept 1, 2006 Start Time: _____

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: None

PRT species: None

Percent Canopy Cover: 95 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

- China Oak
- Red "
- White "
- Post "

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

None

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A CA070 Plot No.: 2

Date: Sept 1, 2006 Start Time: _____

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 0

PRT species: None

Percent Canopy Cover: 40 Estimated Average Overstory dbh (in): 6

Dominant Overstory Tree Species (list up to 3):

Red Oak
Red Cedar - J. virginiana
Post Oak

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

yes - many openings

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: WAT 10A CA070 Plot No.: 3

Date: Sept 1, 2006 Start Time: _____

Length of East/West Plot Edge (ft): _____

Length of North/South Plot Edge (ft): _____

No. of PRTs: 2

PRT species: both dead oaks - on edge of ROW
near pipeline

Percent Canopy Cover: 90 Estimated Average Overstory dbh (in): 8

Dominant Overstory Tree Species (list up to 3):

Black Walnut
Red Oak

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

PRTs are adjacent to cleared ROW
no other mist lanes

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A CA 071 Plot No.: 1

Date: Sept 11, 2006 Start Time: _____

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): _____

No. of PRTs: 0

PRT species: None

Percent Canopy Cover: 85 Estimated Average Overstory dbh (in): 8*

Dominant Overstory Tree Species (list up to 3):

Shagbark
Honey Locust
Carya ovata
Black Walnut

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A CA072 Plot No.: 1

Date: Sept 1, 2006 Start Time: _____

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 0

PRT species: none

Percent Canopy Cover: 95 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

Honey Locust
Black Walnut

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

dry creek bed
gravel path

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A CA 073 Plot No.: 1

Date: Sept 1, 2006 Start Time: _____

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 80

No. of PRTs: 0

PRT species: None

Percent Canopy Cover: 95 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

Red Oak
Black Walnut
Shagbark Hickory

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none.

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A CA074 Plot No.: 1

Date: Sept 1, Start Time: _____

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 0

PRT species: none

Percent Canopy Cover: 40 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

Black Walnut
Hackberry

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

no - but being logged currently
steep banks to stream with water

Comments (include access comments):

loggers cutting walnuts -

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A CA075 Plot No.: 1

Date: Sept 1, 2006 Start Time: _____

Length of East/West Plot Edge (ft): 17.5

Length of North/South Plot Edge (ft): _____

No. of PRTs: 0

PRT species: none

Percent Canopy Cover: 95 Estimated Average Overstory dbh (in): 8

Dominant Overstory Tree Species (list up to 3):

Past Oak
Black Walnut
Red Oak

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A CA075 Plot No.: 2

Date: Sept 1, 2006 Start Time: _____

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 0

PRT species: none

Percent Canopy Cover: 95 Estimated Average Overstory dbh (in): 6

Dominant Overstory Tree Species (list up to 3):

- Q. rubra
- Q. muhlenbergii
- U. americana

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

no

Comments (include access comments):

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BHE/ENSR REX-West Bat Habitat Survey Field Form Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A CA026 Plot No.: 1

Date: Sep 1, 2006 Start Time: _____

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 0

PRT species: None

Percent Canopy Cover: 65 Estimated Average Overstory dbh (in): 12

Dominant Overstory Tree Species (list up to 3):

Honey Locust

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

Yes - perennial stream bed.

Comments (include access comments):

grazed.
large flock of turkeys
concrete culvert drains to creek

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR077 Plot No.: 1

Date: 31 August 2006 Start Time: 1515

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 1

PRT species:

Ulmus americana

Percent Canopy Cover: 30% Estimated Average Overstory dbh (in): 12"

Dominant Overstory Tree Species (list up to 3):

Prunis serotina
Ulmus americana
Gleditsia triacanthos

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

extremely dense forest; primarily early successional growth
few overstory trees
center plot point taken @ site of PRT
(GPS: entrance point needs fixed)

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9A CR078 Plot No.: 1

Date: 1 September 2006 Start Time: 0845

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 1

PRT species:

Ulmus americana

Percent Canopy Cover: 20% Estimated Average Overstory dbh (in): 12"

Dominant Overstory Tree Species (list up to 3):

Celtis occidentalis
Maclura pomifera
Ulmus americana

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

None

Comments (include access comments):

primarily early successional growth

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR078 Plot No.: 2

Date: 1 September 2006 Start Time: 0920

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 2

PRT species:

Juglans nigra
Ulmus americana

Percent Canopy Cover: 40% Estimated Average Overstory dbh (in): 14"

Dominant Overstory Tree Species (list up to 3):

Juglans nigra
Gleditsia triacanthos
Celtis occidentalis

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

grass path along western edge of plot

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR079 Plot No.: 1

Date: September 2006 Start Time: 0930

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 0

PRT species:

n/a

Percent Canopy Cover: 35% Estimated Average Overstory dbh (in): 12"

Dominant Overstory Tree Species (list up to 3):

Gleditsia triacanthos
Maclura pomifera

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

Stream along eastern side of plot is dry and overgrain

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR081 Plot No.: 1

Date: 1 September 2006 Start Time: 1015

Length of East/West Plot Edge (ft): Not^{ed} all

Length of North/South Plot Edge (ft): Not^{ed} all

No. of PRTs: 4

PRT species:

Ulmus americana (4)

Percent Canopy Cover: 50% Estimated Average Overstory dbh (in): 16"

Dominant Overstory Tree Species (list up to 3):

Juglans nigra

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

ravine in middle of wood lot w/flyway

Comments (include access comments):

accessed from thw c, walked along forest edge to Row

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR82 Plot No.: 1

Date: 1 September 2006 Start Time: 1110

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 6

PRT species:

Carya ovata
Quercus alba (4)
Juglans nigra (dead)

Percent Canopy Cover: 60% Estimated Average Overstory dbh (in): 18"

Dominant Overstory Tree Species (list up to 3):

Quercus alba
Carya ovata
Quercus rubra

Understory Density (circle): Clear Moderate Dense ~~Very Dense~~ ^{SW}

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none within woodlot, however habitat is excellent
there are a few small open areas that could be
netted if necessary, also the Row can be
netted.

Comments (include access comments):

only current access @ pump station (PLATTE owned)
long walk along Row to woodlot

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9A CR082 Plot No.: 2

Date: 1 September 2006 Start Time: 1125

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 4

PRT species:

Quercus alba (4)

Percent Canopy Cover: 50% Estimated Average Overstory dbh (in): 18"

Dominant Overstory Tree Species (list up to 3):

Quercus alba
Juglans nigra

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

open area south of center point w/ descent
canopy cover
dry stream bed at the eastern edge of plot

Comments (include access comments):

very suitable habitat
only access, currently @ pump station. very
long walk along ROW

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR082 Plot No.: 3

Date: September 2006 Start Time: 1145

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 4

PRT species:

- Ulmus americana*
- Quercus muehlenbergii*
- Carya ovata* (2)

Percent Canopy Cover: 50% Estimated Average Overstory dbh (in): 20"

Dominant Overstory Tree Species (list up to 3):

- Quercus alba*
- Quercus muehlenbergii*
- Carya ovata*

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

*top of slope forest opens up
dry stream bed on the western side*

Comments (include access comments):

steep slope w/ stream bed on western edge

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR083 Plot No.: 1

Date: 1 September 2006 Start Time: 1300

Length of East/West Plot Edge (ft): 105

Length of North/South Plot Edge (ft): 64

No. of PRTs: 5

PRT species:

Carya ovata (3)
unknown dead trunk (2)

Percent Canopy Cover: 40% Estimated Average Overstory dbh (in): 16"

Dominant Overstory Tree Species (list up to 3):

Quercus alba
Quercus rubra
Corylus nigra SW
Carya ovata

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

on eastern edge of plot small opening into forest
w/ flyway

Comments (include access comments):

Slopes down to dry stream bed on western
side

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR083 Plot No.: 2

Date: 1 September 2006 Start Time: 1335

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 69

No. of PRTs: 4

PRT species:

Carya cordiformes (2)
Carya ovata (2)

Percent Canopy Cover: 70% Estimated Average Overstory dbh (in): 20"

Dominant Overstory Tree Species (list up to 3):

Carya cordiformes
Celtis occidentalis
Carya ovata

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

ATV trail/tractor trail; Through plot; across dry
stream bed

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9A CR 084 Plot No.: 1

Date: 2 September 2006 Start Time: 0925

Length of East/West Plot Edge (ft): 104 165

Length of North/South Plot Edge (ft): 65 64

No. of PRTs: 7

PRT species:

- Quercus alba (2)
- Carya ovata (4)
- Quercus rubra (dead)

Percent Canopy Cover: 60% Estimated Average Overstory dbh (in): 18"

Dominant Overstory Tree Species (list up to 3):

- Quercus alba
- Quercus rubra
- Carya ovata

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

opening into the forest along north side of woodlot, some with corridor and flyway

Comments (include access comments):

Bill Brunscher allowed the use of his tractor access road to get to the Row - woodlot edge is a hike along the Row from that point

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR084 Plot No.: 2

Date: 2 September 2006 Start Time: 0940

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 4

PRT species:

Quercus alba (2)
Carya ovata (2)

Percent Canopy Cover: 60% Estimated Average Overstory dbh (in): 18"

Dominant Overstory Tree Species (list up to 3):

Quercus alba
Carya ovata

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

Same as CR084 plot #1 data sheet

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR084 Plot No.: 3

Date: 2 September 2006 Start Time: 0950

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 4

PRT species:

Carya ovata
Quercus sp. (dead) (2)
Quercus alba

Percent Canopy Cover: 60% Estimated Average Overstory dbh (in): 20"

Dominant Overstory Tree Species (list up to 3):

Quercus alba
Carya ovata

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

gavne, on southern side of plot, w/small flyway present

Comments (include access comments):

Same as CR084 plot # / data sheet

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR085 Plot No.: 1

Date: 2 September 2006 Start Time: 1010

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 3

PRT species:

Quercus alba (2)

Ulmus americana (dead)

Percent Canopy Cover: 60% Estimated Average Overstory dbh (in): 18"

Dominant Overstory Tree Species (list up to 3):

Quercus alba

Tilia americana

Juglans nigra

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

grass "path", along dry stream, opens up into forest w/ flyway

Comments (include access comments):

Bill Brunser allowed the use of his tractor access road to get to Row
steep north-facing slope

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR086 Plot No.: 1

Date: 2 September 2006 Start Time: 1030

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 3

PRT species:

Carya ovata (3)

Percent Canopy Cover: 60% Estimated Average Overstory dbh (in): 20"

Dominant Overstory Tree Species (list up to 3):

Quercus alba

Carya ovata

Ulmus americana

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

wet weather stream bed on eastern side of plot

Comments (include access comments):

eastern side of plot very dense, area of forest to the west of the stream bed is more clear

Bill Bonscher allowed the use of his tractor access road to ROW

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR086 Plot No.: 2

Date: 2 September 2006 Start Time: 1045

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 69

No. of PRTs: 6

PRT species:

Quercus rubra *Carya ovata*
Quercus alba
Gleditsia triacanthos (3)

Percent Canopy Cover: 50% Estimated Average Overstory dbh (in): 18"

Dominant Overstory Tree Species (list up to 3):

Quercus alba
Gleditsia triacanthos
Carya ovata

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

path into plot on north side

Comments (include access comments):

see data sheet for CR086 plot #1 for access comments

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR086 Plot No.: 3

Date: 2 September 2006 Start Time: 1110

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 6

PRT species:

Carya ovata (2)
Quercus alba (4)

Percent Canopy Cover: 50% Estimated Average Overstory dbh (in): 16"

Dominant Overstory Tree Species (list up to 3):

Quercus alba
Quercus rubra
Carya ovata

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

see CR086 data sheet for access comments

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR087 Plot No.: 1

Date: 1 September Start Time: 1430

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 6

PRT species:

Carya ovata (4)
Ulmus americana (2)

Percent Canopy Cover: 40% Estimated Average Overstory dbh (in): 16"

Dominant Overstory Tree Species (list up to 3):

Carya ovata

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

pipeline ROW ~~only~~ area present; not ideal

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9A CROSS Plot No.: 1

Date: 1 September 2006 Start Time: 1530

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 0

PRT species:
n/a

Percent Canopy Cover: 35% Estimated Average Overstory dbh (in): 14"

Dominant Overstory Tree Species (list up to 3):

- Juglans nigra
- Quercus imbricaria
- Gleditsia triacanthos

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

small areas of plot are open

BHE/ENSR REX-West Bat Habitat Survey Field Form
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR089 Plot No.: 1

Date: 1 September 2006 Start Time: 1515

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 0

PRT species:

n/a

Percent Canopy Cover: 70% Estimated Average Overstory dbh (in): 18"

Dominant Overstory Tree Species (list up to 3):

Quercus rubra
Quercus imbricaria

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

~~~~~

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR090 Plot No.: 1

Date: 1 September 2006 Start Time: 1700

Length of East/West Plot Edge (ft): ~~160~~ 165

Length of North/South Plot Edge (ft): ~~60~~ 64

No. of PRTs: 1

PRT species:  
Gleditsia triacanthos

Percent Canopy Cover: 70% Estimated Average Overstory dbh (in): 16"

Dominant Overstory Tree Species (list up to 3):

Carya cordiformes  
Quercus macrocarpa

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

None

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9A CR091 Plot No.: 1

Date: 1 September 2006 Start Time: 1650

Length of East/West Plot Edge (ft): 80 165 all

Length of North/South Plot Edge (ft): 80 64 all

No. of PRTs: 4

PRT species:

*Maclura pomifera*

*Carya ovata* (3)

Percent Canopy Cover: 60% Estimated Average Overstory dbh (in): 16"

Dominant Overstory Tree Species (list up to 3):

*Maclura pomifera*

*Carya ovata*

*Gleditsia triacanthos*

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

wet weather stream bed leading to pond on  
southside of lot

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR092 Plot No.: 1

Date: 1 September 2006 Start Time: 1640

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 0

PRT species:

n/a

Percent Canopy Cover: 50% Estimated Average Overstory dbh (in): 14"

Dominant Overstory Tree Species (list up to 3):

Gleditsia triacanthos  
Machaonia pomifera

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR093 Plot No.: 1

Date: 2 September 2006 Start Time: 1215

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 0

PRT species: n/a

Percent Canopy Cover: 60% Estimated Average Overstory dbh (in): 13"

Dominant Overstory Tree Species (list up to 3):

*Ulmus americana*  
*Quercus imbricaria*  
*Maclura pomifera*

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

stream in middle of plot; steep banks

Comments (include access comments):

center point taken 40' from Row

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR094 Plot No.: 1

Date: 2 September 2006 Start Time: 1300

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 0

PRT species:

n/a

Percent Canopy Cover: 60% Estimated Average Overstory dbh (in): 14"

Dominant Overstory Tree Species (list up to 3):

Gleditsia triacanthos  
Juglans nigra

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9A CR095 Plot No.: 1

Date: 2 September 2006 Start Time: 1410

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 0

PRT species:

na

Percent Canopy Cover: 80% Estimated Average Overstory dbh (in): 14"

Dominant Overstory Tree Species (list up to 3):

Gleditsia triacanthos  
Juglans nigra

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACR0916 Plot No.: 1

Date: 2 September 2006 Start Time: 1600

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 0

PRT species:

n/a

Percent Canopy Cover: 60% Estimated Average Overstory dbh (in): 16"

Dominant Overstory Tree Species (list up to 3):

Quercus rubra

Diospiros virginianus

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

ATV trail on west side of plot

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9A CR096 Plot No.: 2

Date: 2 September 2006 Start Time: 1620

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 3

PRT species:

*Ulmus americana*      *Carya illinoensis*  
*Acer saccharinum*  
*Juglans sp*

Percent Canopy Cover: 60% Estimated Average Overstory dbh (in): 18"

Dominant Overstory Tree Species (list up to 3):

*Quercus rubra*  
*Ulmus americana*

Understory Density (circle): Clear   Moderate   Dense   Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACI098 Plot No.: 1

Date: 3 September 2006 Start Time: 1030

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 2

PRT species:

*Betula nigra*  
*Quercus rubra*

Percent Canopy Cover: 50% Estimated Average Overstory dbh (in): 18"

Dominant Overstory Tree Species (list up to 3):

*Quercus velutina*  
*Platanus occidentalis*

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

*Stream through woodlot has small flyway*

Comments (include access comments):

*(GPS: entered as CR098 instead of CI098)*

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACT099 Plot No.: 1

Date: 5 September 2006 Start Time: 0940

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 0

PRT species:

N/A

Percent Canopy Cover: 65% Estimated Average Overstory dbh (in): 14"

Dominant Overstory Tree Species (list up to 3):

Juniperus <sup>sw</sup> virginiana

Quercus imbricaria

Robinia pseudoacacia

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

(GPS: entered as R099 instead of C1099)

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACI099 Plot No.: 2

Date: 3 September Start Time: 1000

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 0

PRT species:

none

Percent Canopy Cover: 50% Estimated Average Overstory dbh (in): 16"

Dominant Overstory Tree Species (list up to 3):

Quercus rubra  
Quercus imbricaria

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

exit point take before end of woodlot  
impassable ravine, too steep & muddy from  
rain to cross safely

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACILD0 Plot No.: 1

Date: 3 September 2006 Start Time: 1145

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 69

No. of PRTs: 1

PRT species:

Quercus rubra

Percent Canopy Cover: 40% Estimated Average Overstory dbh (in): 18"

Dominant Overstory Tree Species (list up to 3):

Ulmus americana

Quercus alba

Carya cordiformes

Understory Density (circle): Clear  Moderate  Dense  Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

ATV trail through woodlot

Comments (include access comments):

woodlot is surrounded by electrical fence

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACI100 Plot No.: 2

Date: 3 September Start Time: 1210

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 2

PRT species:  
Quercus alba  
unknown dead trunk

Percent Canopy Cover: 30% Estimated Average Overstory dbh (in): 16"

Dominant Overstory Tree Species (list up to 3):  
Carya cordiformes

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):  
none

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACI101 Plot No.: 1

Date: 3 September 2006 Start Time: 1340

Length of East/West Plot Edge (ft): ~~265~~ all

Length of North/South Plot Edge (ft): ~~240~~ all

No. of PRTs: ~~2~~ <sup>only</sup> 3

PRT species:

*Salix nigra*

*Carya ovata* (2)

Percent Canopy Cover: 30% Estimated Average Overstory dbh (in): 14"

Dominant Overstory Tree Species (list up to 3):

*Celtis occidentalis*

*Maclura pomifera*

*Gleditsia triacanthos*

Understory Density (circle):  Clear  Moderate  Dense  Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

Stream along east side of woodlot

Comments (include access comments):

landowner is cooperative

most of ROW area is open, the wooded sections however are nice habitat

(GB: second *Carya ovata* PRT NOT in unit)

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 9A CI 102 Plot No.: 1

Date: 3 September 2006 Start Time: 1540

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 0

PRT species: n/a

Percent Canopy Cover: 70% Estimated Average Overstory dbh (in): 14"

Dominant Overstory Tree Species (list up to 3):

Acer saccharinum  
Quercus palustris  
Juglans nigra

Understory Density (circle): Clear Moderate Dense Very Dense <sup>gn</sup>

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

ATV trail on the east edge of woodlot

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ACI103 Plot No.: 1

Date: 3 September 2006 Start Time: 1515

Length of East/West Plot Edge (ft): 164

Length of North/South Plot Edge (ft): 65

No. of PRTs: 2

PRT species:

Acer saccharinum (2)

Percent Canopy Cover: 80% Estimated Average Overstory dbh (in): 8"

Dominant Overstory Tree Species (list up to 3):

Acer saccharinum

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

large stream along eastern edge of lot  
ATV trail through eastern side of plot

Comments (include access comments):

woodlot is primarily early successional growth

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9A CI/03 Plot No.: 2

Date: 3 September 2006 Start Time: 1525

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 0

PRT species:  
n/a

Percent Canopy Cover: 80% Estimated Average Overstory dbh (in): 10"

Dominant Overstory Tree Species (list up to 3):  
Acer saccharinum

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):  
none

Comments (include access comments):  
center point taken @ north-west corner of plot  
woodlot is primarily early successional growth

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT & A RA 104 Plot No.: 1

Date: 9-3-06 Start Time: 14:50

Length of East/West Plot Edge (ft): all

Length of North/South Plot Edge (ft): all

No. of PRTs: 0

PRT species:

n/a

Percent Canopy Cover: 55 Estimated Average Overstory dbh (in): 8

Dominant Overstory Tree Species (list up to 3):

Quercus imbricaria

Gleditsia triacanthos

Ulmus rubra

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

very small open spaces in understory  
-may not be suitable

Comments (include access comments):

-deep ravine through center of woodlot, very overgrown

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT8ARA 105 Plot No.: 1

Date: 9-4-06 Start Time: 9:11

Length of East/West Plot Edge (ft): all

Length of North/South Plot Edge (ft): all

No. of PRTs: 3

PRT species:

*Quercus* sp. (large snag)  
*Ulmus* sp. (x2)

Percent Canopy Cover: 70 Estimated Average Overstory dbh (in): 15

Dominant Overstory Tree Species (list up to 3):

*Juniperus virginiana*  
*Carya ovata*  
*Quercus prinus*

Understory Density (circle): Clear <sup>to "light"</sup> Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

Stream corridor

Comments (include access comments):

- woodlot extends further east than indicated  
on aerial photograph to ~MP 663

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT8ARA106 Plot No.: 1

Date: 9-4-06 Start Time: 8:45

Length of East/West Plot Edge (ft): all

Length of North/South Plot Edge (ft): all

No. of PRTs: 1

PRT species:

unknown sp. (snag)

Percent Canopy Cover: 65 Estimated Average Overstory dbh (in): 12

Dominant Overstory Tree Species (list up to 3):

Quercus imbricaria

Juniperus virginiana

Gleditsia triacanthos

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

stream corridor

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT8ARA107 Plot No.: 1

Date: 9-4-06 Start Time: 10:45

Length of East/West Plot Edge (ft): all

Length of North/South Plot Edge (ft): all

No. of PRTs: 1

PRT species:

unknown sp. (snag)

Percent Canopy Cover: 60 Estimated Average Overstory dbh (in): 26

Dominant Overstory Tree Species (list up to 3):

Populus deltoides

Ulmus rubra

Juglans nigra

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

Stream corridor

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT8ARA108 Plot No.: 1

Date: 9-4-06 Start Time: 11:15

Length of East/West Plot Edge (ft): all

Length of North/South Plot Edge (ft): all

No. of PRTs: 0

PRT species:

n/a

Percent Canopy Cover: 70 Estimated Average Overstory dbh (in): 12

Dominant Overstory Tree Species (list up to 3):

Quercus imbricaria

Juniperus virginiana

Gleditsia triacanthos

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

- includes all of woodlot on south side of ROW from ~MP 664.71 to ~MP 664.89
- very narrow woodlot (<40 ft wide)
- RA108 & RA109 are continuous and were combined into a ~~two~~ single woodlot

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NATBARA110 Plot No.: 1

Date: 9-4-06 Start Time: 12:00

Length of East/West Plot Edge (ft): all

Length of North/South Plot Edge (ft): all

No. of PRTs: 25

PRT species:

*Carya ovata* (x20) *Ulmus* sp.

*Quercus alba* (x2)

Unknown sp (snag) (x2)

Percent Canopy Cover: 75 Estimated Average Overstory dbh (in): 18

Dominant Overstory Tree Species (list up to 3):

*Carya ovata*

*Quercus alba*

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

- very open understory
- stream corridor

Comments (include access comments):

- woodlot begins at ~MP 665.35
- cows grazing within woodlot (1 bull, all black w/ no tag)
- most suitable Indiana bat habitat we've seen! -BAB
- Inglis family let us park at house just south of woodlot

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT8ARA111 Plot No.: 1

Date: 9-4-06 Start Time: 12:55

Length of East/West Plot Edge (ft): all

Length of North/South Plot Edge (ft): all

No. of PRTs: 29

PRT species:

*Carya ovata* (x24)

*Quercus alba* (x3)

*Quercus* sp

*Platanus occidentalis*

Percent Canopy Cover: 65 Estimated Average Overstory dbh (in): 26

Dominant Overstory Tree Species (list up to 3):

*Carya ovata*

*Quercus rubra*

*Fraxinus pennsylvanica*

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

- open understory

- stream corridor

Comments (include access comments):

- pet cemetery

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ARA112 Plot No.: 1

Date: 4 September 2006 Start Time: 0815

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 1

PRT species:

Ulmus americana

Percent Canopy Cover: 40% Estimated Average Overstory dbh (in): 18"

Dominant Overstory Tree Species (list up to 3):

Gleditsia triacanthos

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

- dry stream bed on western edge of woodlot
- ATV trail along eastern edge of woodlot

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ARA113 Plot No.: 1

Date: 4 September 2006 Start Time: 0845

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 7

PRT species:

Carya ovata (6)

Quercus alba

Percent Canopy Cover: 40% Estimated Average Overstory dbh (in): 16"

Dominant Overstory Tree Species (list up to 3):

Juglans nigra

Platanus occidentalis

Carya ovata

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

ravine through woodlot  
openings into forest along ROW edge

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ARA114 Plot No.: 1

Date: 4 September 2006 Start Time: 0930

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 3

PRT species:

*Ulmus americana*  
*Carya ovata* (2)

Percent Canopy Cover: 50% Estimated Average Overstory dbh (in): 16"

Dominant Overstory Tree Species (list up to 3):

*Carya ovata*  
*Quercus imbricaria*  
*Quercus palustris*

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

None

Comments (include access comments):

to access ROW from road: electrical fence  
on borders the immediate ROW area, walk  
the road to the north, accessible from there

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ARA115 Plot No.: 1

Date: 4 September 2006 Start Time: 0957

Length of East/West Plot Edge (ft): all

Length of North/South Plot Edge (ft): all

No. of PRTs: 8/4

PRT species:  
Ulmus americana (dead)  
Carya ovata (3)

Percent Canopy Cover: 40% Estimated Average Overstory dbh (in): 14"

Dominant Overstory Tree Species (list up to 3):

Carya ovata  
Juglans nigra  
Celtis occidentalis

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

None SW  
pond present on south east corner, may be too deep to net

Comments (include access comments):

(GPS: Third Carya ovata PRT not in GPS unit)

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT9ARAILC Plot No.: 1

Date: 4 September 2006 Start Time: 1140

Length of East/West Plot Edge (ft): 165

Length of North/South Plot Edge (ft): 64

No. of PRTs: 0

PRT species:  
n/a

Percent Canopy Cover: 60% Estimated Average Overstory dbh (in): 14"

Dominant Overstory Tree Species (list up to 3):

Juglans nigra  
Celtis occidentalis  
Quercus imbricaria

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

GPS: center point taken 80' south of ~~road~~<sup>sw</sup> existing centerline  
all points taken on existing ROW

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A RA117/118 Plot No.: 1

Date: Sept 4, 2006 Start Time: \_\_\_\_\_

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 0

PRT species: none

Percent Canopy Cover: 80 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

Red Oak - Q rubra  
White Oak - Q alba

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A RA117/118 Plot No.: 2

Date: Sept 4, 2006 Start Time: \_\_\_\_\_

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 0

PRT species: none

Percent Canopy Cover: 90 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

Red Oak - Q. rubra  
White oak - Q. alba.

Understory Density (circle): Clear Moderate Dense **Very Dense**

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

one mist net line but no PRTs

Comments (include access comments):

grassy trail crosses plot  
deep drainage to west of center - dry.

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A RA 117/118 Plot No.: 3

Date: Sept. 4, 2006 Start Time: \_\_\_\_\_

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 1

PRT species: dead oak - poor quality PRT - small diameter

Percent Canopy Cover: 95 Estimated Average Overstory dbh (in): 8

Dominant Overstory Tree Species (list up to 3):

Red Oak -  
White Oak -

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

PRT small, bark mostly gone.  
GPS center is to <sup>north</sup> west of actual plot center - 100ft

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10B RA117/118 Plot No.: 4

Date: Sept 4, 2006 Start Time: \_\_\_\_\_

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 0

PRT species: none

Percent Canopy Cover: 95 Estimated Average Overstory dbh (in): 8

Dominant Overstory Tree Species (list up to 3):

Shagbark Hickory  
Chincapin Oak - Q. muhlenbergii

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none

Comments (include access comments):

on east side of second dry drainage

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: DAT 10A RA117/118 Plot No.: 5

Date: Sept 4, 2006 Start Time: \_\_\_\_\_

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): \_\_\_\_\_

No. of PRTs: none

PRT species: none

Percent Canopy Cover: 95 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):  
Chinkapin Oak - Q muhlenbergii  
Red Oak - Q rubra

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):  
none

Comments (include access comments):  
eastward of 3rd dry drainage

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A RA 119 Plot No.: 1

Date: Sept 4, 2006 Start Time: \_\_\_\_\_

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 0

PRT species: none

Percent Canopy Cover: 90 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

Shagbark hickory  
White oak

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

no

Comments (include access comments):

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A RA119 Plot No.: 2

Date: Sept 4, 2006 Start Time: \_\_\_\_\_

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 1

PRT species: dead oak - adjacent to small stream - on west side of stream.

Percent Canopy Cover: 95 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

Red Oak - Q. rubra  
Chinkapin Oak - Q. muhlenbergii  
Sugar maple - A. saccharum

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

none - small stream present but overhung by trees

Comments (include access comments):

area grazed

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A Plot No.: 3

Date: Sept 4, 2006 Start Time: \_\_\_\_\_

Length of East/West Plot Edge (ft): \_\_\_\_\_

Length of North/South Plot Edge (ft): \_\_\_\_\_

No. of PRTs: 1

PRT species: dead oak, on edge of cleared ROW  
small, little bark in exposed section  
trunk shielded by live hornbeam

Percent Canopy Cover: 90 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

Shagbark  
Red Oak  
White

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

could nest in cleared ROW next to PRT

Comments (include access comments):

grazed, no streams

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A RA 119 Plot No.: 4

Date: Sept 4, 2006 Start Time: \_\_\_\_\_

Length of East/West Plot Edge (ft): \_\_\_\_\_

Length of North/South Plot Edge (ft): \_\_\_\_\_

No. of PRTs: 1

PRT species: dead oak - on edge of cleared ROW

Percent Canopy Cover: 85 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

Post Oak  
Pinleaves Oak  
White Oaks

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

could mistnet in cleared ROW adjacent to PRT

Comments (include access comments):

grazed, no streams

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A AU120 Plot No.: 1

Date: Sept 2, 2006 Start Time: \_\_\_\_\_

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 0

PRT species: none

Percent Canopy Cover: 95 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

Black Walnut  
Orange Orange  
Ash - fragments of

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

no sites

Comments (include access comments):

stream bed down  
~~one old tree (oak?) with hollow at reaction and  
holes but may be hollow - possible PRT but  
no bark and enclosed by brush - outside plot~~

BHE/ENSR REX-West Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: NAT 10A AU 121 Plot No.: 1

Date: Sept 2, 2006 Start Time: \_\_\_\_\_

Length of East/West Plot Edge (ft): 175

Length of North/South Plot Edge (ft): 60

No. of PRTs: 2

PRT species: Two Unknown oaks -

Percent Canopy Cover: 90 Estimated Average Overstory dbh (in): 10

Dominant Overstory Tree Species (list up to 3):

Hackberry  
Black Walnut  
Ash sp - fr

Understory Density (circle): Clear Moderate Dense Very Dense

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

could put net next to the PRTs  
they are on edge of cleared ROW

Comments (include access comments):

grazed, drainage dreg

BHE/ENSR Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: BATBH2MOM0020

Plot No.: 1

Date: 12-9-06

Start Time: 10:40

Length of East/West Plot Edge (ft): All

Length of North/South Plot Edge (ft): All

Lat: ~~29~~ <sup>3</sup> 38.245N  
Long: 91° 19.45.050W

Within each DBH size class list PRT species and indicate dead/alive

| >22 cm | 22-30 cm | 30-40 cm | 40-50 cm | ≥50 cm |
|--------|----------|----------|----------|--------|
| NA     | NA       | NA       | NA       | NA     |

Total No. of PRTs: 0

Percent Canopy Cover (circle one): 0-25% 25-50% 50-75% 75-100%

Dominant Overstory Tree Species (list up to 3): Estimated Average Overstory dbh (in): 10

*Juniperus virginiana*  
*Quercus imbricaria*

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

NONE

Comments (include access comments):

Stand of cedars

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## BHE/ENSR Bat Habitat Survey Field Form Potential Roost Tree Identification

Woodlot (Feature) ID: BATBH2MOMD021

Plot No.: 1

Date: 12-9-06

Start Time: 11:15

Length of East/West Plot Edge (ft): All

Lat: 39° 3' 29" N

Length of North/South Plot Edge (ft): All

Long: 91° 19' 13.629 W

Within each DBH size class list PRT species and indicate dead/alive

| >22 cm | 22-30 cm                      | 30-40 cm | 40-50 cm      | ≥50 cm |
|--------|-------------------------------|----------|---------------|--------|
| NA     | <i>Carya ovata</i><br>(alive) | NA       | Standing dead | NA     |

Total No. of PRTs: 2

Percent Canopy Cover (circle one): 0-25% 25-50% 50-75% 75-100%

Dominant Overstory Tree Species (list up to 3): Estimated Average Overstory dbh (in): 14

*Maclura pomifera*      *Quercus imbricaria*  
*Gleditsia triacanthos*

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

open areas and stream

Comments (include access comments):

Brahmah Bull

BHE/ENSR Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: BATBH2 M0M0622 Plot No.: 1

Date: 12-9-06 Start Time: 12:00

Length of East/West Plot Edge (ft): All

Lat: 39° 3' 22.637" N

Length of North/South Plot Edge (ft): All

Long: 91° 18' 45.022" W

Within each DBH size class list PRT species and indicate dead/alive

| >22 cm | 22-30 cm                            | 30-40 cm                                                                               | 40-50 cm                                        | ≥50 cm                             |
|--------|-------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------|
| NA     | 5 <i>Carya ovata</i><br>alive<br>+5 | dead <i>Gleditsia</i><br><i>triacanthos</i><br>5 <i>Carya</i><br><i>ovata</i><br>alive | <i>Gleditsia</i><br><i>triacanthos</i><br>alive | <i>Acer saccharinum</i><br>(Alive) |

Total No. of PRTs: 18

Percent Canopy Cover (circle one): 0-25% 25-50% 50-75% 75-100%

Dominant Overstory Tree Species (list up to 3): Estimated Average Overstory dbh (in): 16

- Carya ovata*
- Celtis occidentalis*
- Acer saccharinum*

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

Stream Field edge

Comments (include access comments):

## BHE/ENSR Bat Habitat Survey Field Form Potential Roost Tree Identification

Woodlot (Feature) ID: BATBH2MOMO023 Plot No.: 1  
 Date: 12-9-06 Start Time: 12:30  
 Length of East/West Plot Edge (ft): All  
 Length of North/South Plot Edge (ft): All

Within each DBH size class list PRT species and indicate dead/alive

| >22 cm | 22-30 cm                         | 30-40 cm                         | 40-50 cm                                      | ≥50 cm |
|--------|----------------------------------|----------------------------------|-----------------------------------------------|--------|
| NA     | 10 <i>Carya ovata</i><br>(alive) | 15 <i>Carya ovata</i><br>(alive) | <del>10</del> <i>Carya ovata</i><br>5 (alive) | NA     |

Total No. of PRTs: 30

22 Percent Canopy Cover (circle one): 0-25% 25-50% 50-75% 75-100%

Dominant Overstory Tree Species (list up to 3): Estimated Average Overstory dbh (in): 14

*Carya ovata*  
*Juglans nigra*  
*Quercus imbricaria*

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

open areas near house park like.

Comments (include access comments):

park like areas with many shear/bark

## BHE/ENSR Bat Habitat Survey Field Form Potential Roost Tree Identification

Woodlot (Feature) ID: BATBH1 MOLI 015 Plot No.: 1  
 Date: 12-8-06 Start Time: 11:50

Length of East/West Plot Edge (ft): all  
 Length of North/South Plot Edge (ft): all

Within each DBH size class list PRT species and indicate dead/alive

| >22 cm | 22-30 cm                                                                   | 30-40 cm                                                                                                             | 40-50 cm                                                 | ≥50 cm |
|--------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------|
| n/a    | <p><i>Caecya ovata</i><br/>alive (11=2)</p> <p>Unknown dead<br/>(11=2)</p> | <p><i>Caecya ovata</i><br/>alive (11=2)</p> <p>Unknown dead<br/>(1111=4)</p> <p><i>Ulmus americana</i><br/>alive</p> | <p><i>Caecya ovata</i><br/>alive</p> <p>Unknown dead</p> | n/a    |

Total No. of PRTs: 13

Percent Canopy Cover (circle one): 0-25% 25-50% 50-75% 75-100%

Dominant Overstory Tree Species (list up to 3): Estimated Average Overstory dbh (in): 22

*Acer saccharum*      *Quercus alba*  
*Ulmus americana*

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

Small streams, existing ROW

Comments (include access comments):

none

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## BHE/ENSR Bat Habitat Survey Field Form Potential Roost Tree Identification

Woodlot (Feature) ID: BATBH1MOLI017 Plot No.: 1

Date: 12-8-06 Start Time: 11:15

Length of East/West Plot Edge (ft): all

Length of North/South Plot Edge (ft): all

Within each DBH size class list PRT species and indicate dead/alive

| >22 cm | 22-30 cm | 30-40 cm | 40-50 cm | ≥50 cm |
|--------|----------|----------|----------|--------|
| n/a    | n/a      | n/a      | n/a      | n/a    |

Total No. of PRTs: 0

Percent Canopy Cover (circle one): 0-25% 25-50% 50-75% 75-100%

Dominant Overstory Tree Species (list up to 3): Estimated Average Overstory dbh (in): 7

*Quercus imbercacia*

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

None

Comments (include access comments):

tree line in pasture/grassy area

BHE/ENSR Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: BATBH1 MOLIØ18

Plot No.: 1

Date: 12-8-06

Start Time: 10:45

Length of East/West Plot Edge (ft): all

Length of North/South Plot Edge (ft): all

Within each DBH size class list PRT species and indicate dead/alive

| >22 cm | 22-30 cm             | 30-40 cm | 40-50 cm | ≥50 cm |
|--------|----------------------|----------|----------|--------|
| n/a    | Carya ovata<br>alive | n/a      | n/a      | n/a    |

Total No. of PRTs: 1

Percent Canopy Cover (circle one): 0-25% 25-50% 50-75% 75-100%

Dominant Overstory Tree Species (list up to 3): Estimated Average Overstory dbh (in): 12

*Acer saccharum*

*Quercus stellata*

*Quercus imbricaria*

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

existing ROWs

Comments (include access comments):

none

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## BHE/ENSR Bat Habitat Survey Field Form Potential Roost Tree Identification

Woodlot (Feature) ID: BATBH2MOLI021

Plot No.: 1

Date: 12-8-06

Start Time: 10:30

Length of East/West Plot Edge (ft): All

Length of North/South Plot Edge (ft): All

Lat: 35° 51' 56.740" N  
Long: 91° 5' 57.731" W

Within each DBH size class list PRT species and indicate dead/alive

| >22 cm | 22-30 cm | 30-40 cm | 40-50 cm | ≥50 cm                    |
|--------|----------|----------|----------|---------------------------|
| NA     | NA: -    | NA       | NA       | Acer saccharinum<br>Alive |

Total No. of PRTs: 1

Percent Canopy Cover (circle one): 0-25% 25-50% 50-75% 75-100%

Dominant Overstory Tree Species (list up to 3): Estimated Average Overstory dbh (in): 12

Quercus imbricaria

Carya ovata

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

Stream at edge of plot

Comments (include access comments):

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## BHE/ENSR Bat Habitat Survey Field Form Potential Roost Tree Identification

Woodlot (Feature) ID: BATBH2MOLIO22 Plot No.: 1  
Date: 12-806 Start Time: 10:45 11:25  
Length of East/West Plot Edge (ft): All  
Length of North/South Plot Edge (ft): All  
Within each DBH size class list PRT species and indicate dead/alive  
Lat: 38° 59' 53.206 N  
Long: 91° 5' 41.535 W

| >22 cm | 22-30 cm | 30-40 cm                        | 40-50 cm                                                                                                | ≥50 cm                         |
|--------|----------|---------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------|
| NA     | NA       | 2 <i>Carya ovata</i><br>(alive) | 2 <i>Quercus alba</i><br>(alive)<br>2 <i>Quercus alba</i><br>(dead)<br>2 <i>Quercus rubra</i><br>(dead) | <i>Quercus alba</i><br>(alive) |

Total No. of PRTs: 9

Percent Canopy Cover (circle one): 0-25% 25-50% 50-75% 75-100%

Dominant Overstory Tree Species (list up to 3): Estimated Average Overstory dbh (in): 19

*Quercus alba* *Quercus rubra*  
*Carya glabra*

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

Streams in middle of plot ATV Road

Comments (include access comments):

BHE/ENSR Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: BATBH2 MOLI023 Plot No.: 1

Date: 12-03-06 Start Time: 11:35

Length of East/West Plot Edge (ft): 411 Lat

Length of North/South Plot Edge (ft): 411 Long

Within each DBH size class list PRT species and indicate dead/alive

| >22 cm | 22-30 cm | 30-40 cm | 40-50 cm               | ≥50 cm |
|--------|----------|----------|------------------------|--------|
| NA     | NA       | NA       | 1 Quercus Alba (alive) | NA     |

Total No. of PRTs: 1

Percent Canopy Cover (circle one): 0-25% 25-50% 50-75% 75-100%

Dominant Overstory Tree Species (list up to 3): Estimated Average Overstory dbh (in): 16

Quercus alba  
Quercus rubra

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

None

Comments (include access comments):

BHE/ENSR Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: BATBH3MOL1051 Plot No.: 1  
Date: 8 December 2006 Start Time: 1020  
Length of East/West Plot Edge (ft): all  
Length of North/South Plot Edge (ft): all

Within each DBH size class list PRT species and indicate dead/alive

| >22 cm | 22-30 cm | 30-40 cm | 40-50 cm | ≥50 cm |
|--------|----------|----------|----------|--------|
| n/a    | n/a      | n/a      | n/a      | n/a    |

Total No. of PRTs: 0

Percent Canopy Cover (circle one): 0-25% 25-50% 50-75% 75-100%

Dominant Overstory Tree Species (list up to 3): Estimated Average Overstory dbh (in): 12"

*Platanus occidentalis*  
*Quercus imbricaria*

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

n/a

Comments (include access comments):

BHE/ENSR Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: BATBH3MOLI052 Plot No.: 1

Date: 8 December 2006 Start Time: 1055

Length of East/West Plot Edge (ft): all

Length of North/South Plot Edge (ft): all

Within each DBH size class list PRT species and indicate dead/alive

| >22 cm | 22-30 cm | 30-40 cm | 40-50 cm | ≥50 cm |
|--------|----------|----------|----------|--------|
| n/a    | n/a      | n/a      | n/a      | n/a    |

Total No. of PRTs: 0

Percent Canopy Cover (circle one): 0-25% 25-50% 50-75% 75-100%

Dominant Overstory Tree Species (list up to 3): Estimated Average Overstory dbh (in): 12"

*Fraxinus pennsylvanica*  
*Celtis occidentalis*

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

n/a

Comments (include access comments):

00/S

BHE/ENSR Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: BATB43MOLI053 Plot No.: 1  
Date: 8 December 2006 Start Time: 1430  
Length of East/West Plot Edge (ft): all  
Length of North/South Plot Edge (ft): all

Within each DBH size class list PRT species and indicate dead/alive

| >22 cm | 22-30 cm | 30-40 cm | 40-50 cm | ≥50 cm |
|--------|----------|----------|----------|--------|
| n/a    | n/a      | n/a      | n/a      | n/a    |

Total No. of PRTs: 0

Percent Canopy Cover (circle one): 0-25% 25-50% 50-75% 75-100%

Dominant Overstory Tree Species (list up to 3): Estimated Average Overstory dbh (in): 10"  
Fraxinus pennsylvanica  
Celtis occidentalis

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):  
n/a

Comments (include access comments):

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Surveyors: Lisa Winhold  
John Alexander

## BHE/ENSR Bat Habitat Survey Field Form Potential Roost Tree Identification

Woodlot (Feature) ID: BAT BH4 MOLI 054

Plot No.: 1

Date: 8 Dec 2006

Start Time: 1815

Length of East/West Plot Edge (ft): all

Length of North/South Plot Edge (ft): all

Within each DBH size class list PRT species and indicate dead/alive

| >22 cm | 22-30 cm | 30-40 cm | 40-50 cm | ≥50 cm |
|--------|----------|----------|----------|--------|
| N/A    | N/A      | N/A      | N/A      | N/A    |

Total No. of PRTs: 0

Percent Canopy Cover (circle one): 0-25% 25-50% 50-75% 75-100%

Dominant Overstory Tree Species (list up to 3): Acacia saccharinum Estimated Average Overstory dbh (in): 5  
Acacia reginae (12cm)

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

across stream (6m net)  
tree line

across farm lane at stream intersection

Comments (include access comments):

farm lane goes straight to site + crosses stream

Surveyors: Lisa Winhold  
John Alexander

BHE/ENSR Bat Habitat Survey Field Form  
Potential Roost Tree Identification

Woodlot (Feature) ID: BAT1344 MOLI055 Plot No.: 1  
Date: 8 Dec 2026 Start Time: 1102

Length of East/West Plot Edge (ft): all

Length of North/South Plot Edge (ft): all

Within each DBH size class list PRT species and indicate dead/alive

| >22 cm | 22-30 cm | 30-40 cm | 40-50 cm | ≥50 cm |
|--------|----------|----------|----------|--------|
| N/A    | N/A      | N/A      | N/A      | N/A    |

Total No. of PRTs: 0

Percent Canopy Cover (circle one): 0-25% 25-50% 50-75% 75-100%

Dominant Overstory Tree Species (list up to 3): Estimated Average Overstory dbh (in): 6  
(15cm)

Acer saccharinum  
Acer negundo  
Fraxinus nigra

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

access stream  
+ to treeline

Comments (include access comments):

farm lane goes close to site (same lane as MO-LI-54)

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Surveyors: Lisa Winhold  
John Alexander

## BHE/ENSR Bat Habitat Survey Field Form Potential Roost Tree Identification

Woodlot (Feature) ID: BATBH4MOL1057

Plot No.: 1

Date: 8 Dec 2006

Start Time: 1250

Length of East/West Plot Edge (ft): all

Length of North/South Plot Edge (ft): all

Within each DBH size class list PRT species and indicate dead/alive

| >22 cm | 22-30 cm | 30-40 cm | 40-50 cm | ≥50 cm |
|--------|----------|----------|----------|--------|
| N/A    | N/A      | N/A      | N/A      | N/A    |

Total No. of PRTs: 0

Percent Canopy Cover (circle one): 0-25% 25-50% 50-75% 75-100%

Dominant Overstory Tree Species (list up to 3):  
Salix sp.  
Acer saccharinum  
Acer negundo

Estimated Average Overstory dbh (in): 4  
(10cm)

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):

tree line

Comments (include access comments):

em park at road.  
site is trees along pond

old dog at house (not aggressive)

Surveyors: Lisa Winhold  
John Alexander

## BHE/ENSR Bat Habitat Survey Field Form Potential Roost Tree Identification

Woodlot (Feature) ID: BATBH4MOLIO60 Plot No.: 1  
 Date: 8 Dec 2006 Start Time: 1200

Length of East/West Plot Edge (ft): all

Length of North/South Plot Edge (ft): all

Within each DBH size class list PRT species and indicate dead/alive

| >22 cm | 22-30 cm | 30-40 cm | 40-50 cm | ≥50 cm |
|--------|----------|----------|----------|--------|
| N/A    | N/A      | N/A      | N/A      | N/A    |

Total No. of PRTs: 0

Percent Canopy Cover (circle one): 0-25% 25-50% 50-75% 75-100%

Dominant Overstory Tree Species (list up to 3): Ulmus americana Estimated Average Overstory dbh (in): 6  
(15cm)

Presence of Apparently Suitable Mist Net Sites (streams, trails, etc.):  
treeline

Comments (include access comments):  
no easy access. barbed wire fence surrounds property  
cow pasture near stream.  
can park across street at pipeline station.

Appendix D. Field GPS Data and Site Photographs

*The GPS-collected field data and site photographs are included on an attached CD-ROM.*

