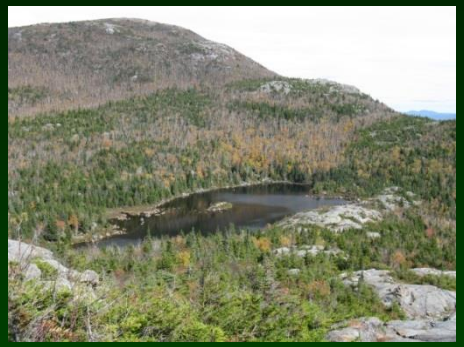
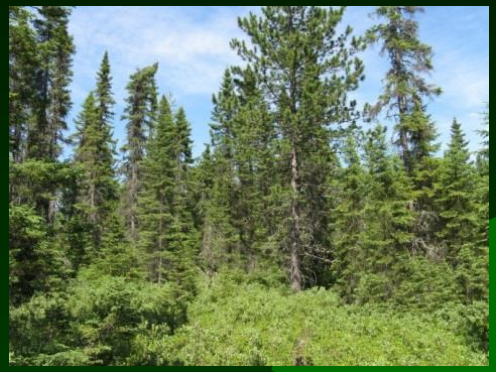
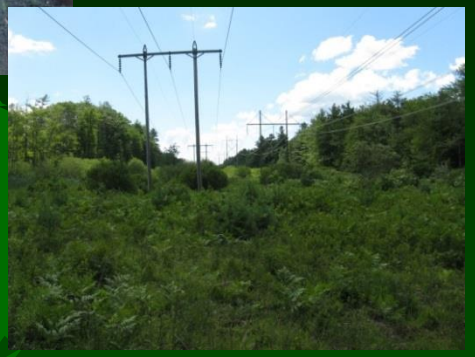
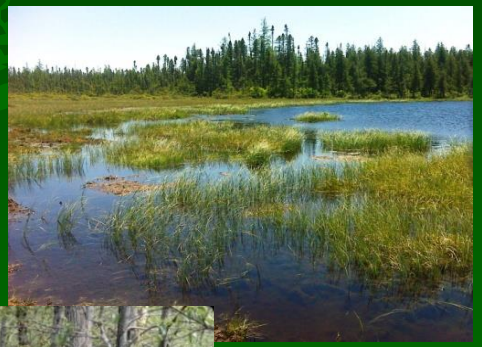



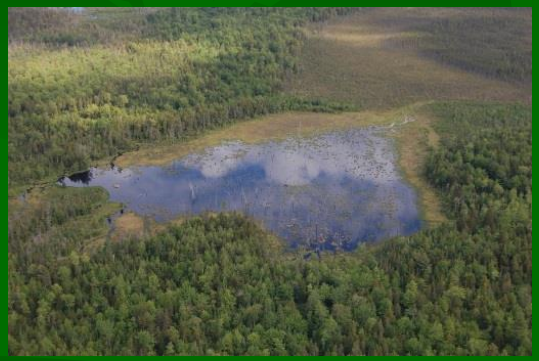



Prioritizing Habitats for SWAP Conservation Action

Phillip deMaynadier

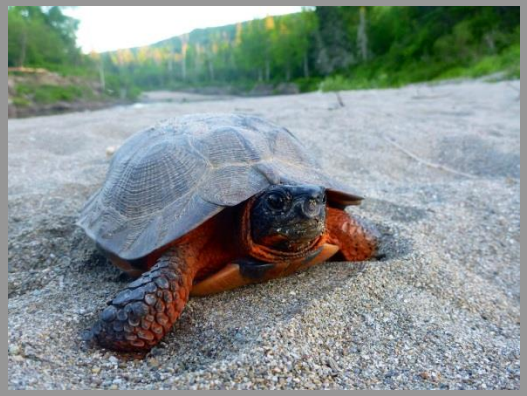
SWAP Partner Meeting, November 2014






SWAP Scales for Conservation Action

Element 1 = *Species (Fine Filter)*



Element 2 = *Habitats (Coarse Filter)*

Pitch Pine Barrens

Upland Sandpiper (T)

Dusted Skipper (SC)

Eastern Box Turtle (E)

Black Racer (E)

I. Coarse Filter (Habitat)

Pitch Pine Barrens

Upland Sandpiper (T)

Dusted Skipper (SC)

Eastern Box Turtle (E)

Black Racer (E)

I. Coarse Filter (Habitat)

Karner Blue (EXT)

Harvested Species
(Big Game)

NE Cottontail (E)

II. Fine Filter (Species)

Pitch Pine Barrens

Upland Sandpiper (T)

Dusted Skipper (SC)

Eastern Box Turtle (E)

Black Racer (E)

Karner Blue (EXT)

Harvested Species
(Big Game)

NE Cottontail (E)

I. Coarse Filter (Habitat)

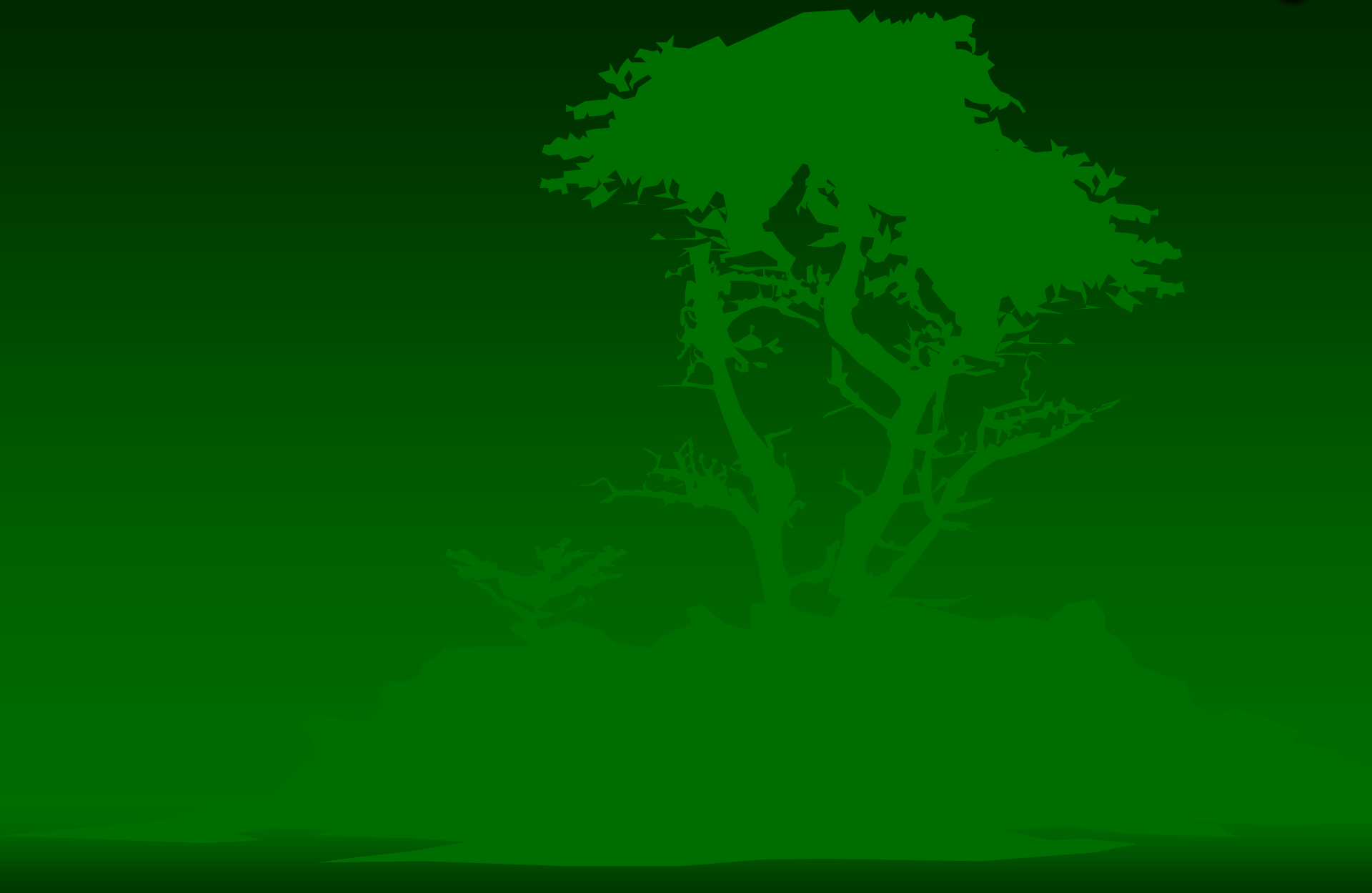
?

Prioritization

II. Fine Filter (Species)

372 spp: P1, P2, P3

Prioritizing Habitats for SWAP Conservation Action?



Prioritizing Habitats for SWAP Conservation Action

1. Habitats with highest number of SGCN

Prioritizing Habitats for SWAP Conservation Action

1. Habitats with highest number of SGCN

2. Habitats with highest number of weighted SGCN (P1>P2>P3)

Prioritizing Habitats for SWAP Conservation Action

1. Habitats with highest number of SGCN

2. Habitats with highest number of weighted SGCN (P1>P2>P3)

3. Habitats with highest number of weighted SGCN (P1>P2>P3) AND high priority based on the stressor rank matrix (High>HighMed>Medium)

Prioritizing Habitats for SWAP Conservation Action

1. Habitats with highest number of SGCN

2. Habitats with highest number of weighted SGCN (P1>P2>P3)

3. Habitats with highest number of weighted SGCN (P1>P2>P3) AND highly ranked based on the stressor rank matrix (High>HighMed>Medium)

4. Habitats with highest number of weighted SGCN (P1>P2>P3) AND highly ranked based on the stressor priority matrix (High>HighMed>Medium) AND weighted inversely by amount of the habitat's acreage in Maine

Prioritizing Habitats for SWAP Conservation Action

1. Habitats with highest number of SGCN

2. Habitats with highest number of weighted SGCN (P1>P2>P3)

3. Habitats with highest number of weighted SGCN (P1>P2>P3) AND highly ranked based on the stressor rank matrix (High>HighMed>Medium)

4. Habitats with highest number of weighted SGCN (P1>P2>P3) AND highly ranked based on the stressor priority matrix (High>HighMed>Medium) AND weighted inversely by amount of the habitat's acreage in Maine

5. Habitats with highest number of weighted SGCN (P1>P2>P3) AND highly ranked based on the stressor priority matrix (High>HighMed>Medium) AND weighted inversely by amount of the habitat's acreage in Maine AND not currently adequately conserved (using GAP criteria)

Prioritizing Habitats for SWAP Conservation Action

1. Habitats with highest number of SGCN

2. Habitats with highest number of weighted SGCN (P1>P2>P3)

3. Habitats with highest number of weighted SGCN (P1>P2>P3) AND highly ranked based on the stressor rank matrix (High>HighMed>Medium)

4. Habitats with highest number of weighted SGCN (P1>P2>P3) AND highly ranked based on the stressor priority matrix (High>HighMed>Medium) AND weighted inversely by amount of the habitat's acreage in Maine

5. Habitats with highest number of weighted SGCN (P1>P2>P3) AND highly ranked based on the stressor priority matrix (High>HighMed>Medium) AND weighted inversely by amount of the habitat's acreage in Maine AND not currently adequately conserved (using GAP criteria)

6. Repeat 1-5 above using "Primary Habitat" only for the first metric (highest number of SGCN)