



DATA SHEET

Site Name: Walnut Creek, north of the Visitor Center
 Date: June 20, 1998 Day: 171 Time: 10:09 to 11:00 AM
 Location: T78N R21W Sec 15, 16 Portion: Area North of Visitor
 (NW center)

Distance: 4 mi Direction: SW Town: Prairie City
 County: Jasper State: IA

Ownership: Federal

Elevation: Area:

Habitat: Type: prairie reconstruction

Quality: mixed

Threats:

Weather: Cloud Cover %: 0 Cloud Type:
 Precipitation: Temperature: 87F
 Wind Direction: SW Speed: 2-5 mph
 Recent Weather:

Season Features: Early Wet Warm
 Normal Normal Normal
 Late Dry Cool

Transect Butterflies	sex	sightings	captured	released	condit
Ancyloxypha numitor		5			
Thymelicus lineola		3			
Artogeia rapae		12			
Colias philodice		19			
Colias eurytheme		2			
Everes comyntas		3			
Gaeides xanthoides dione		5			
Hyllolycaena hyllus		1			
Speyeria cybele		1			
Polygonia interrogationis		2			
Polygonia comma		1			
Vanessa atalanta		10			
Vanessa cardui		5			
Junonia coenia		1			
Basilarchia archippus		3			

Nearly all were along the trail or streams. The prairie plantings had only a few individuals.

Researcher: Schlicht and Durban

DATA SHEET

Site Name: Walnut Creek, North Remnant
 Date: June 20, 1998 Day: 171 Time: 11:20 to 2:15 PM
 Location: T78N R21W Sec 10 Portion: North center
 and T R Sec Portion:
 Distance: 3 mi Direction: SW Town: Prairie City
 County: Jasper State: IA
 Ownership: Federal South of 88th Ave
 Elevation: Area:
 Habitat: Type: Wet sedgy meadow
 Quality:
 Threats:

Weather: Cloud Cover %: Cloud Type:
 Precipitation: Temperature: 88 F
 Wind Direction: S Speed: 8-10 mph
 Recent Weather:

Season Features: Early Wet x Warm
 Normal x Normal Normal x
 Late Dry Cool

Transect Butterflies	sex	sightings	captured	released	condit
Thymelicus lineola		3			
Atrytone logan (delaware)		6			
Papilio polyxenes		1			
Pterourus glaucus		1			
Colias philodice		2			
Strymon melinus		1			
Celastrina ladon		2			
Speyeria cybele		1			
Vanessa virginiensis		1			
Vanessa atalanta		10			
Cercyonis pegala		2			
Out of site					
Asterocampa celtis		1			

Good diversity, but the native skippers are missing. Hard to distinguish this list from a yard/garden list.

Researcher: Schlicht, Durban

DATA SHEET

Site Name: Walnut Creek, Badger Digs Area
 Date: June 20, 1998 Day: 171 Time: 2:30 to 2:50 PM
 Location: T78N R21W Sec 14 Portion: West Center
 and T R Sec Portion:
 Distance: 4 Direction: SW Town: Prairie City
 County: Jasper State: IA
 Ownership: Federal
 Elevation: Area:
 Habitat: Type: Prairie reconstruction
 Quality:
 Threats:

Weather: Cloud Cover %: 20 Cloud Type: stratus
 Precipitation: Temperature: 90 F
 Wind Direction: SW Speed: 5-8 mph
 Recent Weather:

Season Features: Early Wet X Warm
 Normal X Normal Normal X
 Late Dry Cool

Transect Butterflies sex sightings captured released condit

Colias eurytheme 1

Hyllolycaena hyllus 1

Very poor diversity and numbers.

Researcher: Schlicht and Durban

DATA SHEET

Site Name: Walnut Creek, Savanna
Date: June 20, 1998 Day: 171 Time: 2:55 to 3:45 PM
Location: T78N R21W Sec 15 Portion: center
and T R Sec Portion:
Distance: 4 mi Direction: SW Town: Prairie City
County: Jasper State: IA
Ownership: Federal
Elevation: Area:
Habitat: Type: forest/savanna
Quality: good
Threats:

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Weather: Cloud Cover %: 20      Cloud Type:      stratus
        Precipitation:          Temperature:  90 F
        Wind Direction:  SW      Speed:  5-8 mph
        Recent Weather:  wet

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Season Features:Early    Wet    X    Warm
                  Normal  X    Normal    Normal X
                  Late    Dry    .    Cool
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Transect Butterflies	sex	sightings	captured	released	condit
<i>Epargyreus clarus</i>		2			
<i>Poanes hobomok</i>		2			
<i>Euphyes ruricola</i>		1			
<i>Pterourus glaucus</i>		1			
<i>Colias philodice</i>		2			
<i>Satyrrium calanus</i>		10			
<i>Satyrrium caryaevorum</i>		2			
<i>Celastrina ladon</i>		13			
<i>Speyeria cybele</i>		8			
<i>Polygonia interrogationis</i>		1			
<i>Vanessa atalanta</i>		3			
<i>Asterocampa celtis</i>		5			

Good diversity! Good site.

Researcher: Schlicht and Durban