

Lepidoptera of Kirchoff Family Farm		One New Species 2016		Total Species		42	
2015 Butterfly/Moth Survey (2012 - 2016)		Total Species 2016 - 16					
Butterflies & Moths				Host Plant			
2016 Survey: October 13, 2016							
		Species		Present		Date first	
Butterflies		Observed On		Kirchoff		observed	
Family Papilionidae (Swallowtails)		Larval Host Plants				2014 2015 2016	
Pipevine Swallowtail - <i>Battus philenor</i>	Spiny Aster	Pipevine	√	Oct. 30, 2012	√	√	√
Black Swallowtail - <i>Papilio polyxenes</i>		Parsley Family		Nov. 7, 2014	√		√
Family Pieridae (Whites & Sulfurs)							
Cloudless Sulfur - <i>Phoebis sennae</i>	Spiny Aster	Legumes, clovers, peas	√	Oct. 29, 2012			√
Clouded Sulfur - <i>Colias philodice</i>	Golden Crownbeard	Legumes, clovers, peas	√	Nov. 7, 2014	√		
Dainty Sulfur - <i>Nathalis iole</i>	Spiny Aster	Asters, other Compositae	√	Oct. 29, 2012	√		√
Little Yellow Sulfur - <i>Eurema lisa</i>	Indian Mallow	Legumes, partridge pea	√	Oct. 29, 2012	√		√
Lyside Sulfur - <i>Kirgonia lyside</i>	Spiny Aster	Guayacan or Soapbush	√	Oct. 29, 2012	√		
Orange Sulfur - <i>Colias eurytheme</i>	Spiny Aster	Legumes	√	Oct. 29, 2012	√	√	
Southern Dogface - <i>Colias cesonja</i>	Golden Crownbeard	Kidneywood, Legumes		Nov. 7, 2014	√		
Family Lycaenidae (Gossamer Winged)							
Cassius Blue - <i>Leptotes cassius</i>	Spiny Aster	Legumes	√	Oct. 30, 2012			
Ceraunus Blue - <i>Hemiargus ceraunus</i>	Kidney wood	Legumes- Acacia, Mesquite	√	Oct. 30, 2012			
Fatal Metalmark - <i>Calephelis nemesia</i>	Spiny Aster	Baccharis, Clematis	√	Oct. 29, 2012			
Gray Hairstreak - <i>Strymon melinus</i>	Frostweed, Aster	Many flowering plants	√	Oct. 29, 2012	√		√
Great Purple Hairstreak - <i>Atlides halesus</i>	Spiny Aster	Mistletoe (in oak/mesquite)	√	Oct. 29, 2012			
Marine Blue - <i>Leptotes marina</i>	Frogfruit	Legumes- Acacia, Mesquite	√	Oct. 30, 2012			
Reakirt's Blue - <i>Hemiargus isola</i>	Frogfruit	Legumes		Nov. 7, 2014	√		√
Family Nymphalidae (Nymphalids)							
American Snout - <i>Libytheana carinenta</i>	Spiny Aster	Hackberries	√	Oct. 29, 2012	√	√	√
American Lady - <i>Vanessa virginiensis</i>		Cudweeds		Nov. 7, 2014	√		
Bordered Patch - <i>Chlosyne lacinia</i>	Zexmenia	Ragweed, Sunflower	√	Oct. 29, 2012	√		
Common Buckeye - <i>Junonia coenia</i>		Plantains		Nov. 7, 2014	√	√	√
Common Mestra - <i>Mestra amymone</i>	Frostweed	Noseburn (Tragia spp.)	X	Oct. 29, 2012	√		√
Empress Leila - <i>Asterocampa leilia</i>	Spiny Aster	Spiny Hackberry	√	Oct. 29, 2012			
Gulf Fritillary - <i>Agraulis vanillae</i>	Spiny Aster	Passion Vine	X	Oct. 29, 2012	√	√	
Hackberry Emperor - <i>Asterocampa celtis</i>	Spiny Hackberry	Hackberries	√	Oct. 29, 2012		√	√
Mourning Cloak - <i>Nymphalis antiopa</i>	spiny Hackberry	Willows, Hackberries, Elms	√	Oct. 13 2016			√
Painted Lady - <i>Vanessa cardui</i>	Pink Smartweed	Mallows & Thistles	√	Oct. 29, 2012			

Pearl Crescent - <i>Phycoides tharos</i>	Spiny Aster	Asters	√	Oct. 29, 2012	√		
Phaeon Crescent - <i>Phycoides phaon</i>	Frogfruit	Frogfruit	√	Oct. 30, 2012			
Red Admiral - <i>Vanessa atalanta</i>	Spiny Aster	Nettles	X	Oct. 29, 2012			
Tawny Emperor - <i>Asterocampa clyton</i>	Spiny Hackberry	Hackberries	√	Oct. 29, 2012			
Variiegated Fritillary - <i>Euptoieta claudia</i>	Broomweed	Passion Vine	X	Oct. 29, 2012	√	√	√
Family Danaidae (Milkweed Butterflies)							
Queen - <i>Danaus gilippus</i>	Spiny Aster	Milkweeds	√ (vine)	Oct. 30, 2012	√	√	
Monarch - <i>Danaus plexippus</i>	Annual Aster	Milkweeds	X	Nov. 7, 2014	√	√	√
Family Hesperidae (Skippers)							
Celia's Roadside Skipper - <i>Amblyscirtes celia</i>	Golden Crownbeard	Grasses	√	Nov. 7, 2014	√		
Clouded Skipper - <i>Lerema accius</i>	Eng. Prickly Pear	Grasses	√	Nov. 7, 2014			
Common Checkered Skipper - <i>Pyrgus communis</i>	Spiny Aster	Mallows	√	Oct. 29, 2012	√		√
Dun Skipper - <i>Euphyes vestris</i>	Awnless Bush Sun	Sedges (e.e.Carex sp.)	X	Oct. 29, 2012			
Fiery Skipper - <i>Hylephila phyleus</i>	Spiny Aster, grass	Bermuda Grass, grasses		Oct. 29, 2012			√
Green Skipper - <i>Hesperia veridis</i>	Golden Crownbeard	Grasses	√	Nov. 7, 2014	√		
Laviana White Skipper - <i>Heliopetes laviana</i>	Mallow	Mallows	√	Oct. 29, 2012			
Tropical Checkered Skipper - <i>Pyrgus oileus</i>	Frogfruit	Mallows	√	Oct. 29, 2012			
Total Species							
					23	9	16
Moths/Catepillars							
Family Sphingidae (Sphinx or Hawk Moth)							
Tomato Hornworm Larva (Five Spotted Hawk Moth)							
<i>Manduca quinquemaculata</i>	Black Nightshade	tomato, potato, nightshades	√	Oct. 30, 2012			√
Family Arctiidae (Tiger, Lichen &Wasp Moths)							
Yellow Wooly Bear Catepillar (Vinginian Tiger Moth)							
<i>Spilosoma virginica</i>	Spiny Aster	Many low growing plants	√	Oct. 30, 2012			
Salt Marsh Catepillar (Salt Marsh or Acrea Moth)							
<i>Estigmene acrea</i>	G. Crownbeard	Many herbaceous & low	√	Nov. 7, 2014			
	Milkweed, aster	woody plants, field crops					
	Pigeonberry						