Weather: prec. 4 mm; calm; sun/cloud; LM 28 C; FCF 24 C

Purpose: to find new species of fungi and insects

Participants: Pat & Kee

We spent about half an hour weeding at the TS, then Pat took a photo of the patch of Purple Loosestrife growing on the "homestead knoll." It appears to be larger than it was last year. At the LM, I drew her attention to the Promethea Moth caterpillars feeding on a Tulip Tree and she took a photo (P). She also photographed some "black crep" on a dead Bitternut on the HB.

We had a very successful day collecting insects. Among our best finds was an American Snout Butterfly identified by Pat at the RL. (She also surprised two Spiny Softshell Turtles.) I collected the remainder of the insects, as well as a few new fungi. I was unable to identify any of them to anything better than family until we got home.

Steve arrived early in the afternoon and went to work clipping along trails.

Birds: (15)

American Crow (UM); American Goldfinch (UM); American Robin (GF/E); Blue Jay (Tr); Cedar Waxwing (TR); Common Yellowthroat (Tr); Eastern Kingbird (UM); Eastern Wood Peewee (RSF); Gray Catbird (BCF); Northern Cardinal (ET); Red-bellied Woodpecker (Tr); Red-winged Blackbird (UM); Song Sparrow (LM); Turkey Vulture (UM); White-breasted Nuthatch (GF/E)

Butterflies: (7)

American Snout butterfly (TR/RL); Cabbage White (RL); Eastern Comma (RL); Meadow Fritillary (LM); Silver-spotted Skipper (RL); Summer Azure (RL); Viceroy (RL)

Phenology: Canada Thistle going to seed, while Scotch Thistle starting to bloom. Wingstem coming into bloom. First Cicadas singing.

New species (20)

I have included not only today's species in the following list, but some sedges that

Jane Bowles helped Pat identify.

Fungi:

"False Grisette"	Amanita ceciliae	HB KD
"Cinnamon Cake"	Haplopilus nidulans	HB KD

Insects:

Pennsylvania Ambush Bug	Phymata pennsylvanica	LM KD
Buffalo Treehopper	Stictocephala bubalus	RL KD
Red Milkweed Beetle	Tetraopes tetrophthalmus	RL pd/KD
Picnic Beetle	Glischrochilus quadrisignatus	RL KD
American Snout Butterfly	Libytheana carinenta	RL PD
Picture-winged Fly	Fam. Otitidae	RL KD
small sphecid wasp	sFam Crabronbinae	RL KD
Blue Mud Wasp	Chlorion californicae	Tr pd/KD
Aphid Wasp	Tr. Pemphredonini fm. Sphecidae	RL KD
Large Vespid Wasp	fm. Vespidae	HB KD

Plants:

"Rose Sedge" "Head Sedge" Sedge Carey's Sedge "Sponge Sedge" Sedge "Convoluted Sedge"	Carex rosea Carex cephaloidea Carex albursina Carex careyana Carex sponganoides Carex amphibola Carex convoluta	HB pd/JBJe14/03 LM pd/HBJe14/03 FCF pd/JB Je14/04 EW/FCG PD Je14/03 FCF/br PD Je14/03 H1 pd/JB Je14/03 H1/BCF pd/JB Je14/03
"Convoluted Sedge" "Normal Sedge"	Carex convoluta Carex normalis	H1/BCF pd/JB Je14/03 LM pd/JB Je14/03