

Newport Forest

November 26 2004

3:05 - 6:05 pm

**Weather:** prec. 38 mm; ovcst; calm; LM 3 C; FCF 3 C

**Purpose:** to collect vernal pond sediment

**Participants:** Kee

Thanks to recent rains, FC was up about 10 cm. I filled the bird feeders and spent half an hour on the new trail before getting down to business.

I took the TRT clockwise, proceeding through the BCF first. At metre 68 I encountered a rather large deer scrape on a young (8 cm dbh) Hawthorn. All the bark had ben scraped off on one side of the tree from a height of approx. 3 feet to about 5 feet. A rather large buck made the scrape recently. (good sign of rutting season)

At Metre 300 I left the trail to cross the BCF at right angles until I came to the old creek bed about 50m away. There, I took a sample of the vernal pond soil to see whether we can pick up *Pelomyxa palustris* and a few other sedimentary denizens, as well.

At Metre 350 I found what might be a new slime on a section of branch (sample) as well as a colony of *Trametes* a bit further on. (S) At the TR bench up on the bluffs, I could see that the TR is also up substantially, now covering all but the highest parts of two gravel bars that extend about a third of the way out.

Back in the LM, I began the lengthy process of placing bud protectors on the trees of the SC until daylight became too feeble to make out the buds. I had supper in the trailer and, just before leaving, shone the flashlight at the hickory feeder. A flying squirrel was greatly enjoying the remnants of bird food, including a great many peanuts.

**New species:**

|                       |                              |                      |
|-----------------------|------------------------------|----------------------|
| 'Tar Streak'          | <i>Hypoxylon</i> sp.         | RSF kd/GT (prev.)    |
| 'Northern Pinnularia' | <i>Pinnularia [borealis]</i> | BCF (vernal pond) KD |
| 'Capitate Caloneis'   | <i>Caloneis amphisbaena</i>  | BCF (vernal pond) KD |
| 'Pigtail Phacus'      | <i>Phacus curvicauda</i>     | BCF (vernal pond) KD |

**Phenology:** first snowfall (light dusting) Nv23/04