ANIMALS

During 2005, Adrian Pearce and Pam Curley carried out a survey of animal life in Day Level and Perkins Level.

The results are as below. Note that plan is indicative only and not an accurate physical survey.

**Day Level**

<table>
<thead>
<tr>
<th>Outside Temp 23/1/05 0.5 °C</th>
<th>Entrance</th>
</tr>
</thead>
<tbody>
<tr>
<td>More light this side</td>
<td>fern, light grey lichen, green lichen</td>
</tr>
<tr>
<td>damp on roof and top of wall</td>
<td>woodlouse, 2 spider a</td>
</tr>
<tr>
<td>no animals on floor or</td>
<td>herald moth, gnat a, gnat b</td>
</tr>
<tr>
<td>lower wall</td>
<td>white fungus</td>
</tr>
<tr>
<td>flies prefer dry, spiders</td>
<td>spider a, gnat a, gnat b</td>
</tr>
<tr>
<td>damp</td>
<td>spider a, gnat a, gnat b</td>
</tr>
<tr>
<td>Dry ballast floor</td>
<td>brown moth</td>
</tr>
<tr>
<td>Temp 1 °C</td>
<td></td>
</tr>
<tr>
<td>Spider a</td>
<td>steel arching</td>
</tr>
<tr>
<td>Gnat a</td>
<td></td>
</tr>
<tr>
<td>Dry ballast floor</td>
<td>spider a</td>
</tr>
<tr>
<td>Gnat a</td>
<td>spider a</td>
</tr>
<tr>
<td>4 gnat a, 2 herald moth, 2</td>
<td></td>
</tr>
<tr>
<td>spider a, gnat a, herald</td>
<td></td>
</tr>
<tr>
<td>moth</td>
<td></td>
</tr>
<tr>
<td>Dry ballast floor</td>
<td></td>
</tr>
<tr>
<td>Gnat a</td>
<td>2 spider a</td>
</tr>
<tr>
<td>30 gnat a</td>
<td></td>
</tr>
<tr>
<td>Gnat a</td>
<td>9 gnat a</td>
</tr>
<tr>
<td>30 gnat a</td>
<td></td>
</tr>
<tr>
<td>Gnat a</td>
<td>16 gnat a, herald moth</td>
</tr>
<tr>
<td>Temp 3.5 °C</td>
<td></td>
</tr>
<tr>
<td>Gnat a</td>
<td>3 nematode worm</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Traps**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>Folsomia fimetaria &lt; 1 mm</td>
</tr>
<tr>
<td>T2</td>
<td>ng</td>
</tr>
<tr>
<td>T3</td>
<td>2 x Folsomia fimetaria &lt; 1 mm</td>
</tr>
<tr>
<td>T4</td>
<td>ng</td>
</tr>
</tbody>
</table>

**Gnat a**

Culex pipiens

large curved wings with blue sheen

**Gnat b**

brown speckled

**Gnat c**

orange

**Moth a**

Herald Moth

**Moth b**

brown speckled

**Moth c**

e

**Spider a**

large, spindly legs

**Spider b**

brown, thin abdomen, stripey legs

**Spider c**

tiny

**Spider d**

pale beige stripes on abdomen

**Spider e**

dark brown, pale spinnerets, large pattern on abdomen

**Perkins Level**

Outside Temp 23/1/05 0.5 °C

Entrance

- 3 spider b, gnat a
- 2 spider d, spider e, 10 spider f
- T5 gate
- steel
- arching
- 3 spider a, gnat a
- 10 gnat b, spider b
- 7 herald moth

6" water on floor

Temp 2 °C

- 5 gnat b, 3 spider f
- 2 herald moth
- gnat a
moth c
shaft up

3 herald moth
nematode worm

2 gnat b
gnat a, 2 gnat b

6" water on floor

herald moth

gnat a, gnat c, gnat d

pupa 1cm long, pale straw colour, curved, < 1mm wide
gnat a, gnat d

3" water on floor

3 gnat a

Temp 4 °C

3 gnat a

moth b

gnat a

3" water on floor

steel arching

JUNCTION A

Temp 4.5 °C

steel arching

2 moth b
dry sandy floor

T15

T16 borehole to surface

T17

JUNCTION B

T18

JUNCTION B

bad ground T19
Temp 10 °C

Folsomia fimetaria < 1mm

T1 nothi
T2 nothi
T3 nothi
T4 nothi
T5 nothi
T6 nothi
T7 nothi
T8 1mm
T9 nothi
T10 nothi
T11  nothing
T12  nothing
T13  nothing
T14  nothing
T15  Folsomia fimetaria < 1mm
T16  nothing
T17  nothing
T18  nothing
T19  nothing
T20  nothing
T21  nothing

Gnat

Perkins Level

Nematode Worm

Perkins Level

Herald Moth
PLANTS
During 2005, Georgia Lloyd carried out a survey of flowers growing in the mine area. The list is as follows but is not claimed to be definitive.

- Birdsfoot Trefoil
- Black Medick
- Bluebell
- Bush Vetch
- Foxglove
- Cows Parsley
- Dandelion
- Dock
- Garlic Mustard
- Germander Speedwell
- Green Alkanet
- Herb Bennet
- Herb Robert
- Honeysuckle
- Lesser Celandine
- Red Clover
- Redshank
- Scentless Mayweed
- Selfheal
- Spring Sandwort (Leadwort)
- Spurge
- Greater Stitchwort
- Wild Strawberry
- Yellow Archangel

*Last revised: 18 July 2008*