36-401 Homework #8 Due 11/2/00

1. (**10 pts**) RwG problem 5-3, p. 175. Uses "deforest.dat". Note that Guyana has deforestation rate zero, so a reciprocal transformation is impossible; in this case changing the rate to 0.1 is a reasonable way to fix the problem.

2. (**10 pts**) RwG problem 5-4, p. 176.

3. (**10 pts**) RwG problem 5-6, p. 177. The data in "solrad.dat" has no header line, so you can use

   ```
   sol_read.table("solrad.dat", T, col.names=c("loc","lat","c","d"))
   ```

   Ignore the comparison to problem 5-5.

4. (**10 pts**) RwG problem 5-9b, p. 177.

5. (**10 pts**) RwG problem 5-16, p. 180. The data is in "eggs.dat". See the code from the 10/26 breakout for the nls() syntax.