

Assignment 2: Population Dynamics

Teaching Notes

Part I

- **Question 3**

Emphasize that the Schnabel method is not valid when the sum of the “No. recaptures (Rt)” is less than 5 for any one species at any one site. When students look at the sheets for the years 2010-2014, they will see blanks in columns I, J, K and L. This is because the calculations for the Schnabel estimate are not necessary. The population size estimate in column N is the sum of the numbers in the “No. newly marked column.”

- **Question 5**

If using Excel, the data from the summary sheets is much easier to graph if the layout is rearranged. For example:

	2010	2011	2012	2013	2014	2015
Bellview	2444	2472	2526	2264	4690	4106
Maxfield Meadow	1340	1595	5902	4495	4707	12725
Kettle Ponds	570	947	4390	2418	9345	13530

Part II

- **Question 4**

If using Excel, the data from the summary sheets is much easier to graph if the layout is rearranged.