BLM 58 – Quadrats PEEC 2008

## PALUMA ENVIRONMENTAL EDUCATION CENTRE

## **Quadrats Worksheet**

## Procedure:

- Select the species you wish to sample.
- Select a suitable area for your grid quadrats.
- Mark out a 5m x 5m area with a string line.
- Divide this area into 1m x 1m quadrats
- Count the number of your selected species in the quadrat.
- Record the information in the table and on the grid provided.

## Recording Table:

Quadrat No.	1	2	3	4	5	6	7	8	9	10
Number of Selected Species										
Quadrat No.	11	12	13	14	15	16	17	18	19	20
Number of Selected Species										
Quadrat No.	21	22	23	24	25					
Number of Selected Species										

1.	Describe your selected species in detail and your reasons for selecting it.
2.	Calculate the abundance and population density of your selected species.
3.	Abundance of a species in a small area is sometimes estimated in terms of percentage cover. ie. The percentage of the quadrat area covered by the particular species. Estimate the percentage cover of your selected species.
4.	Would the estimated percentage cover for your selected species be the same throughout the rainforest? Explain your answer.