

Do not count this plant. It is less than half-way into the quadrat.



Count this plant. It is more than half-way into the quadrat.

$$\begin{aligned} \text{area of habitat} &= 10\text{ m} \times 10\text{ m} \\ &= 100\text{ m}^2 \end{aligned}$$

$$\begin{aligned} \text{area of quadrat} &= 1\text{ m} \times 1\text{ m} \\ &= 1\text{ m}^2 \end{aligned}$$

Therefore 100 quadrats would fit in this habitat.

