

length (in mm)		no. of leaves	cf
118-126	117.5-126.5	3	3
127-135	126.5-135.5	5	8
136-144	135.5-144.5	9	17
145-153	<u>144.5-153.5</u>	12	29
154-162	153.5-162.5	5	34
163-171	162.5-171.5	4	38
172-180	171.5-180.5	2	40

$$\frac{N}{2} = \frac{40}{2}$$

$$= 20$$

Median class 144.5 - 153.5
 $l = 144.5$
 $h = 9$

$$\text{Median} = l + \frac{\frac{N}{2} - cf}{f} \times h$$

$$= 144.5 + \frac{20 - 17}{12} \times 9$$

$$= 144.5 + \frac{9}{4}$$

$$= 144.5 + 2.25$$

$$= 146.75$$

Median length = 146.75 mm