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Table 5-1 Assimilation efficiency of *Amyntas* sp. (H-1)

		Efficiency (%)	Food consumption Pellet production (%)
Reared worms (A=C-F)	Carbon	8.124	35.5
	Nitrogen	7.392	
Reared worms (A=P+R)	25	2.31	35.5
	20	1.98	
	15	2.22	
Field Population	Carbon	1.895	24.77
	Nitrogen	9.559	38.86

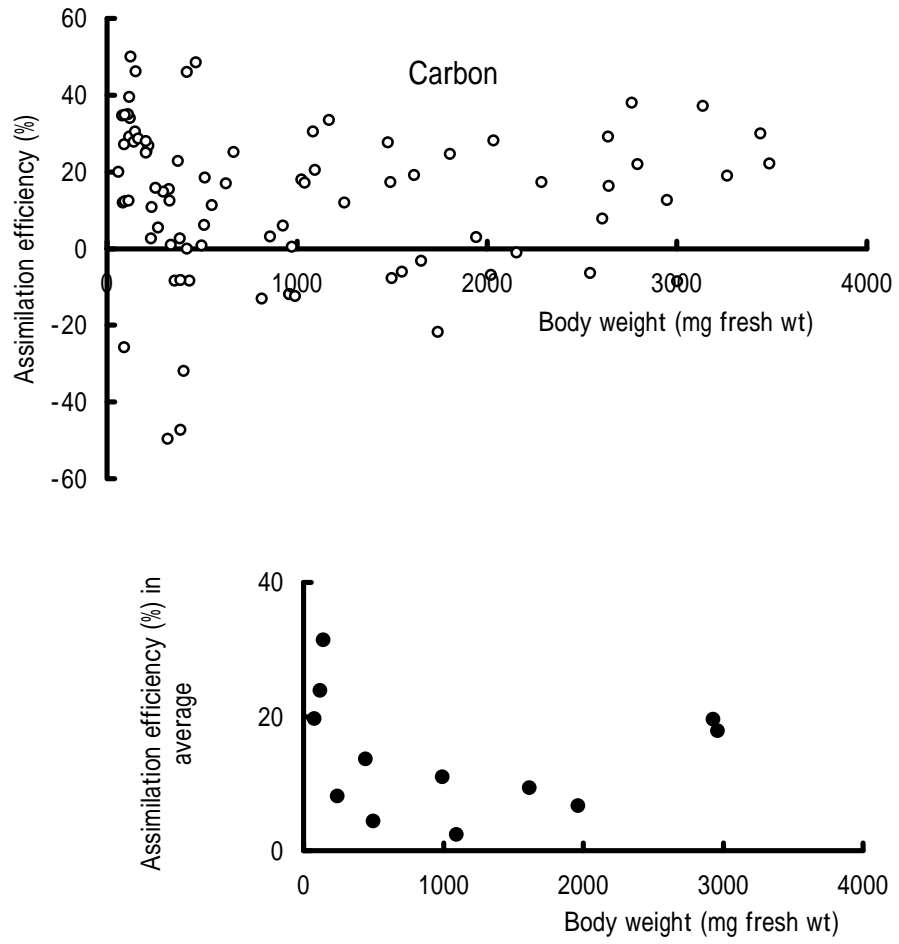


Fig. 5-1a The relation between the assimilation efficiency and the body wet weight, estimating from the data on carbon content. The lower figure indicates the average values at each measurement day.

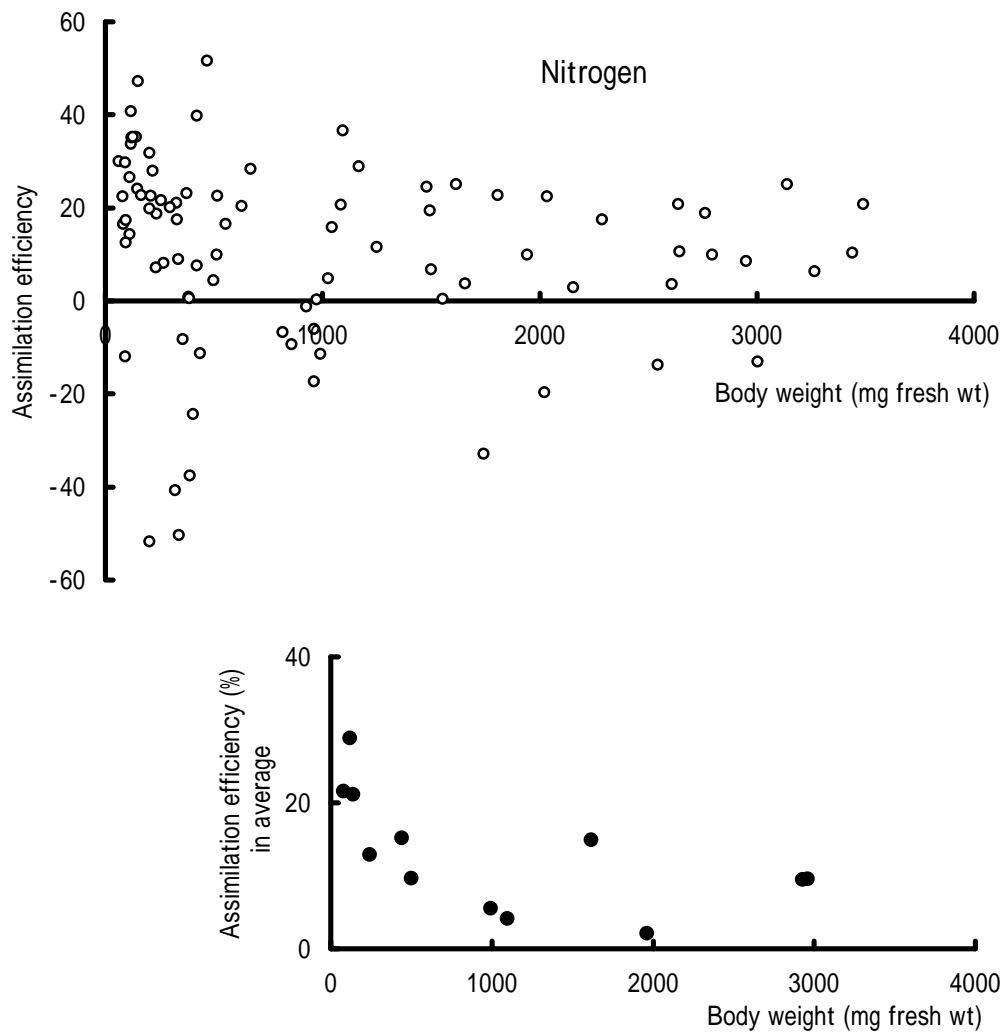


Fig. 5-1b The relation between the assimilation efficiency and the body wet weight, estimating from the data on Nitrogen content. The lower figure indicates the average values at each measurement day.

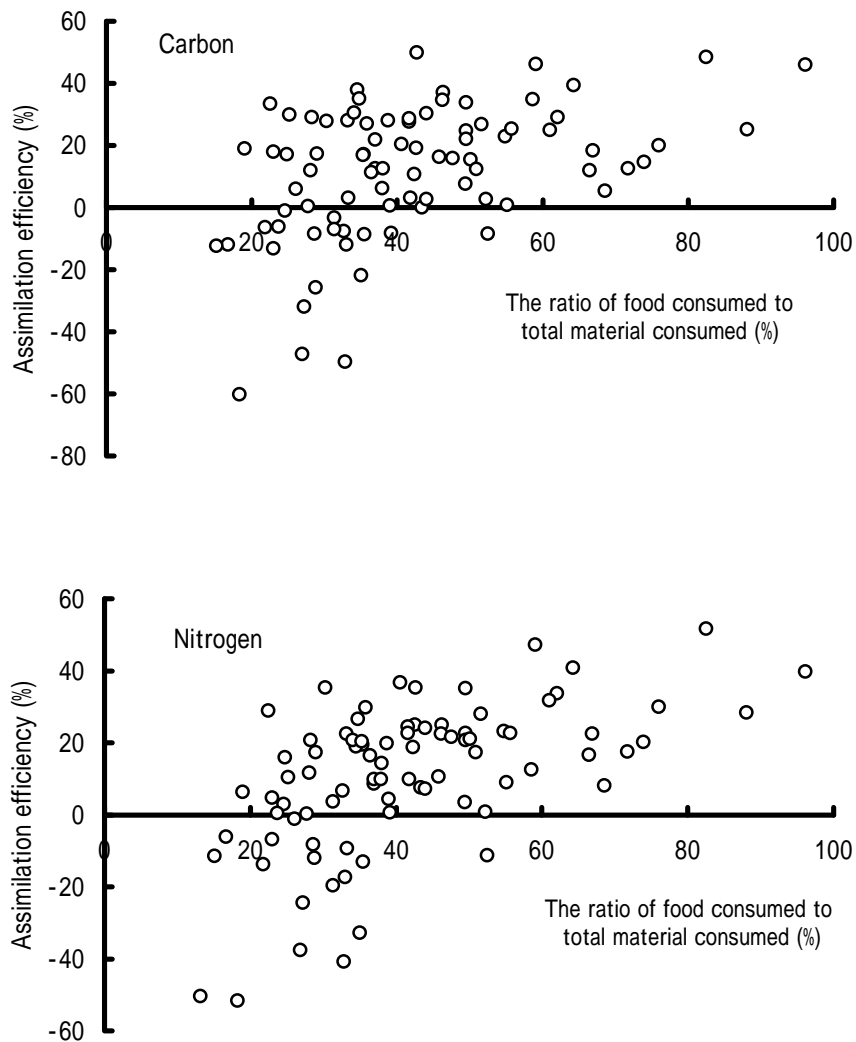


Fig. 5-2a. The relation between the assimilation efficiency and the ratio of food consumed to total material consumed. The assimilation efficiency in above figure was estimated from the data on Carbon content, and in below figure, on Nitrogen content.

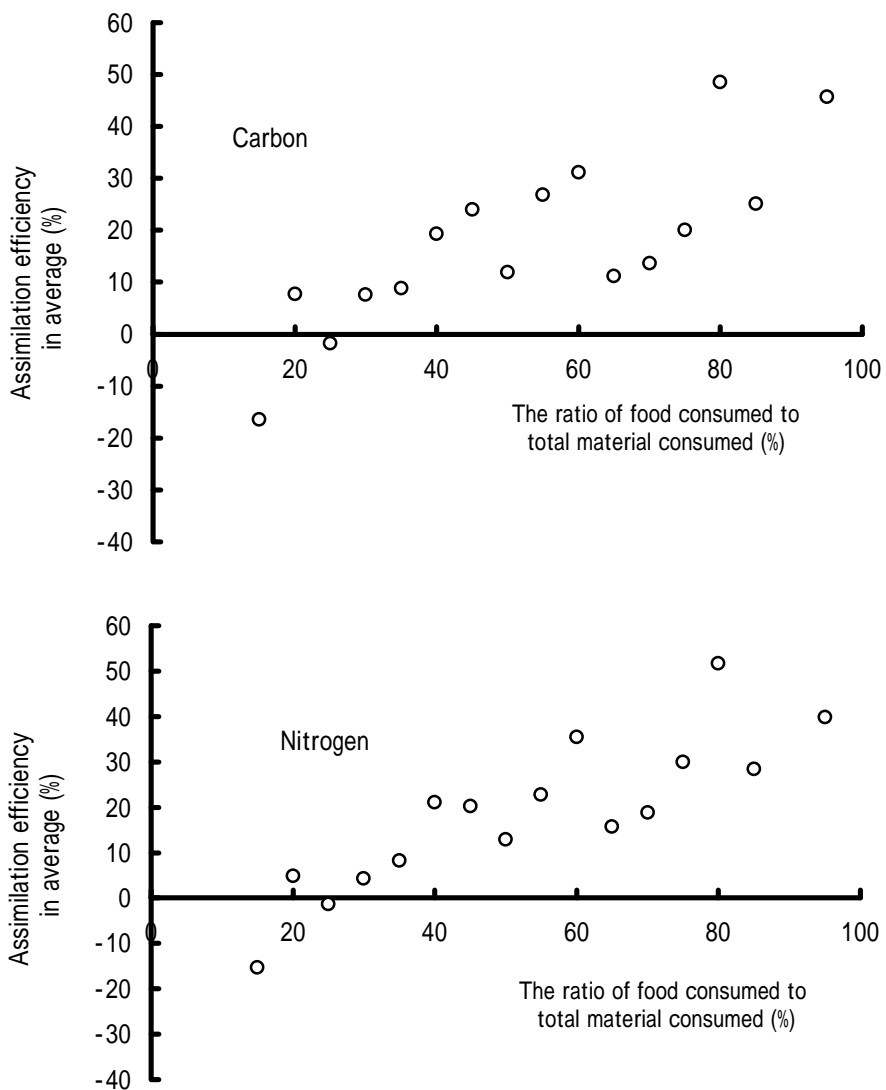


Fig. 2-b. The relation between the average value of the assimilation efficiency and the ratio of food consumed to total material consumed. The assimilation efficiency in above figure was estimated from the data on Carbon content, and in below figure, on Nitrogen content.

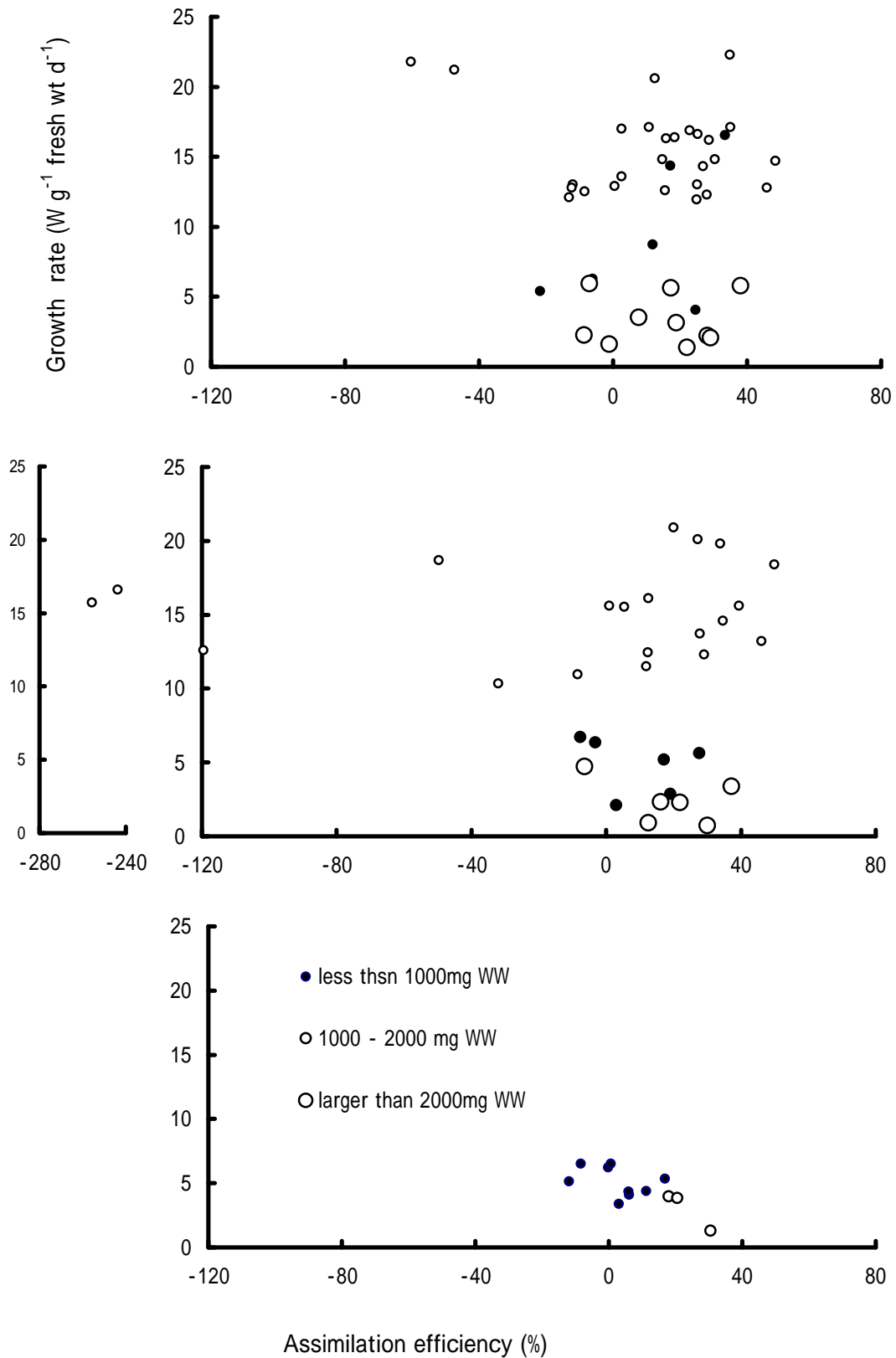


Fig.5-3a. The relation between the growth rate and the assimilation efficiency estimated with Carbon content.

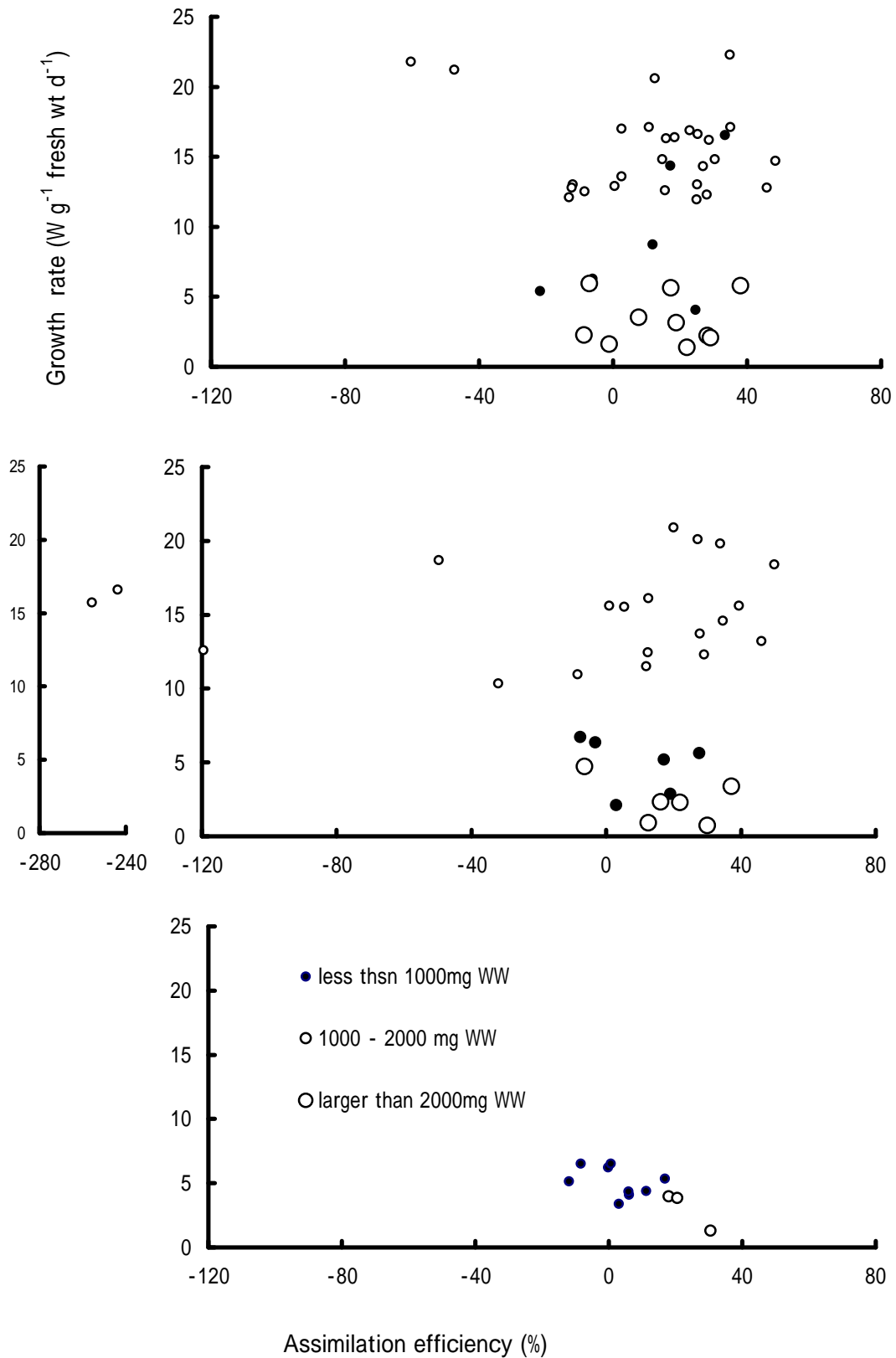


Fig.5-3b. The relation between the growth rate and the assimilation efficiency estimated with Carbon content.

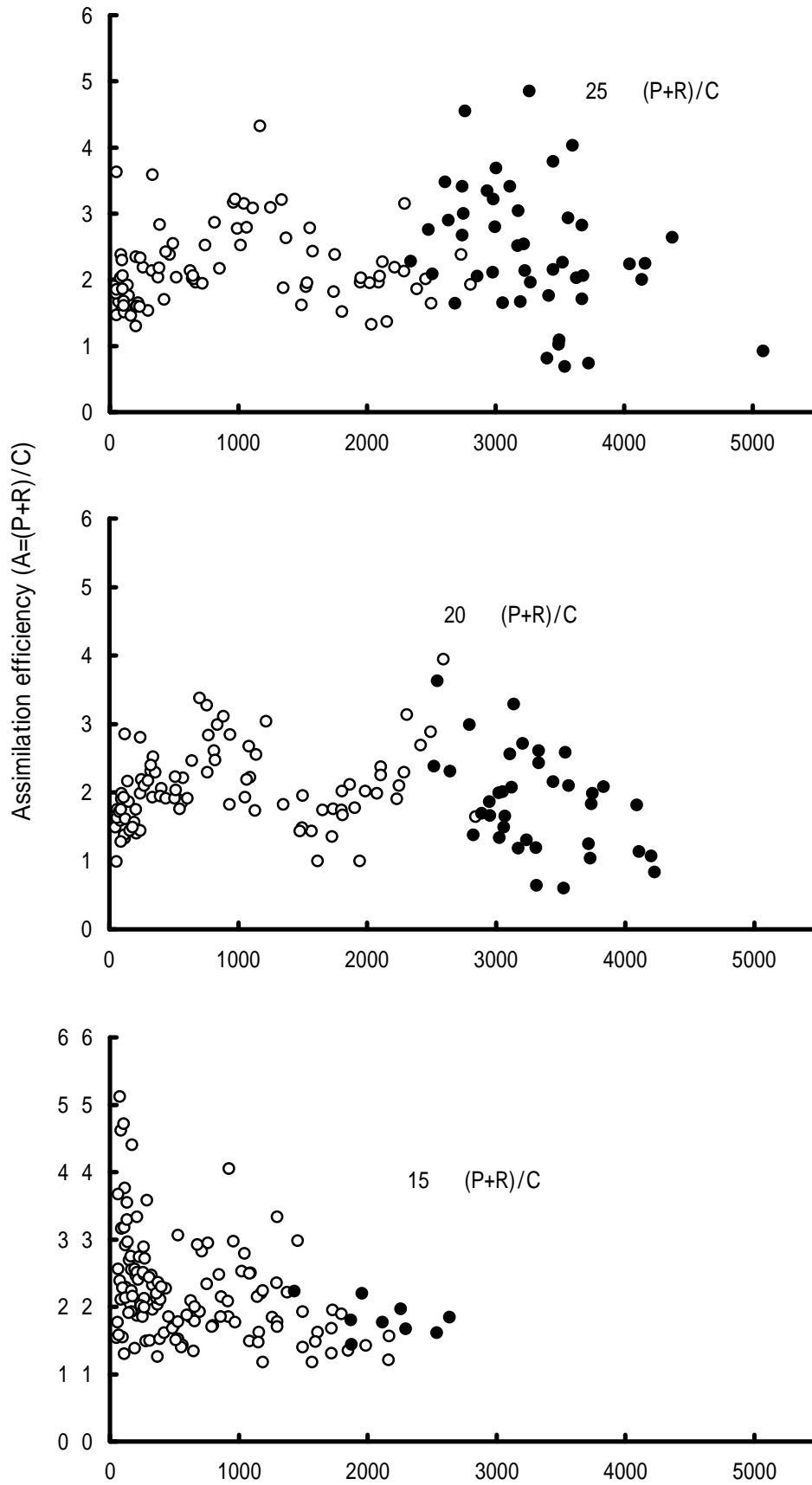


Fig. 5-4. Assimilation efficiency of the reared worm estimated from basal metabolism ($A=(P+R)/C$).

(: immature worm ; : matured worm