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Table 3-1 Production, respiration, assimilation and ecological ratios

Species	<i>Amyntas</i> sp. (H-1)					<i>A. vittatus</i>	<i>A.irregularis</i>	<i>M. sieboldi</i>	<i>A. corticus</i>	
	1968	1971	1972	1972	1972	1968	1968	1970 1971	1971 1973	1971 1972
Area	Area H	Area D	Area D	Area G	Clay sand	Area H	Area K	IBP	Area D	Area G
Net production										
g dry wt m <sup>-2</sup>	4.075	7.688	11.489	1.174	6.368	3.217	0.827		1.59762	4.7243
KJ m <sup>-2</sup>	85.772	162.339	242.642	24.686	134.575	68.199	17.573	5.23	33.765	99.839
Cocoon production										
g dry wt m <sup>-2</sup>	0.0018	0.0021		0.0022						
KJ m <sup>-2</sup>	0.007554	0.008648		0.009205						
Respiration										
KJ m <sup>-2</sup>	138.239	193.669	589.275	44.124	263.885	126.566	43.639	6.527	234.467	659.465
Assimilation										
KJ m <sup>-2</sup>	224.011	356.008	831.917	68.81	398.46	194.765	61.212	11.757	268.232	759.304
Average biomass										
g dry wt m <sup>-2</sup>	0.779	1.729	4.368	0.268	1.72	0.883	0.226	0.09	0.695	1.632
Maximum biomass										
g dry wt m <sup>-2</sup>	2.982	3.324	8.378	0.76	4.352	1.964	0.725	0.157	1.368	2.889
R/A	0.617	0.544	0.708	0.641	0.662	0.65	0.713	0.555	0.874	0.869
P/B	5.218	4.446	2.63	4.381	3.702	3.643	3.659	2.649	2.3	2.895
P/BMAX	1.363	2.313	1.371	1.545	1.463	1.638	1.141	1.584	1.168	1.635

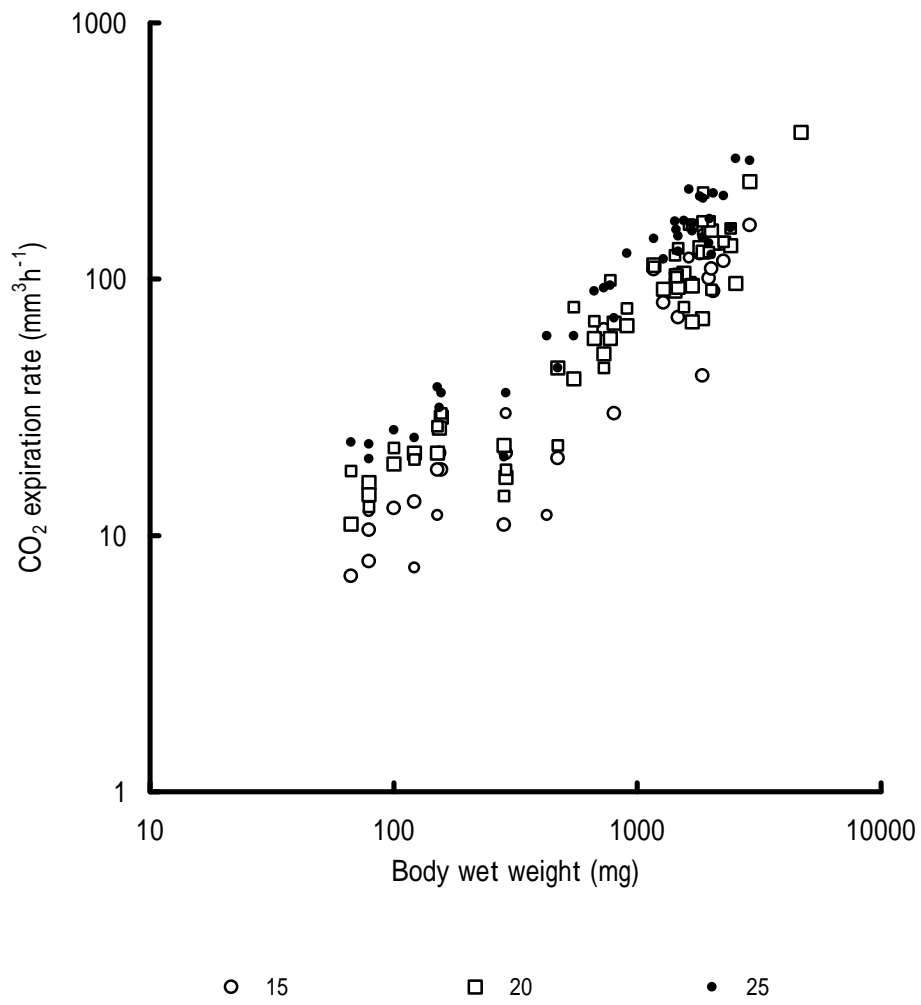


Fig. 3-1. CO<sub>2</sub> expiration rate of *Amynthes* sp. (H-1).

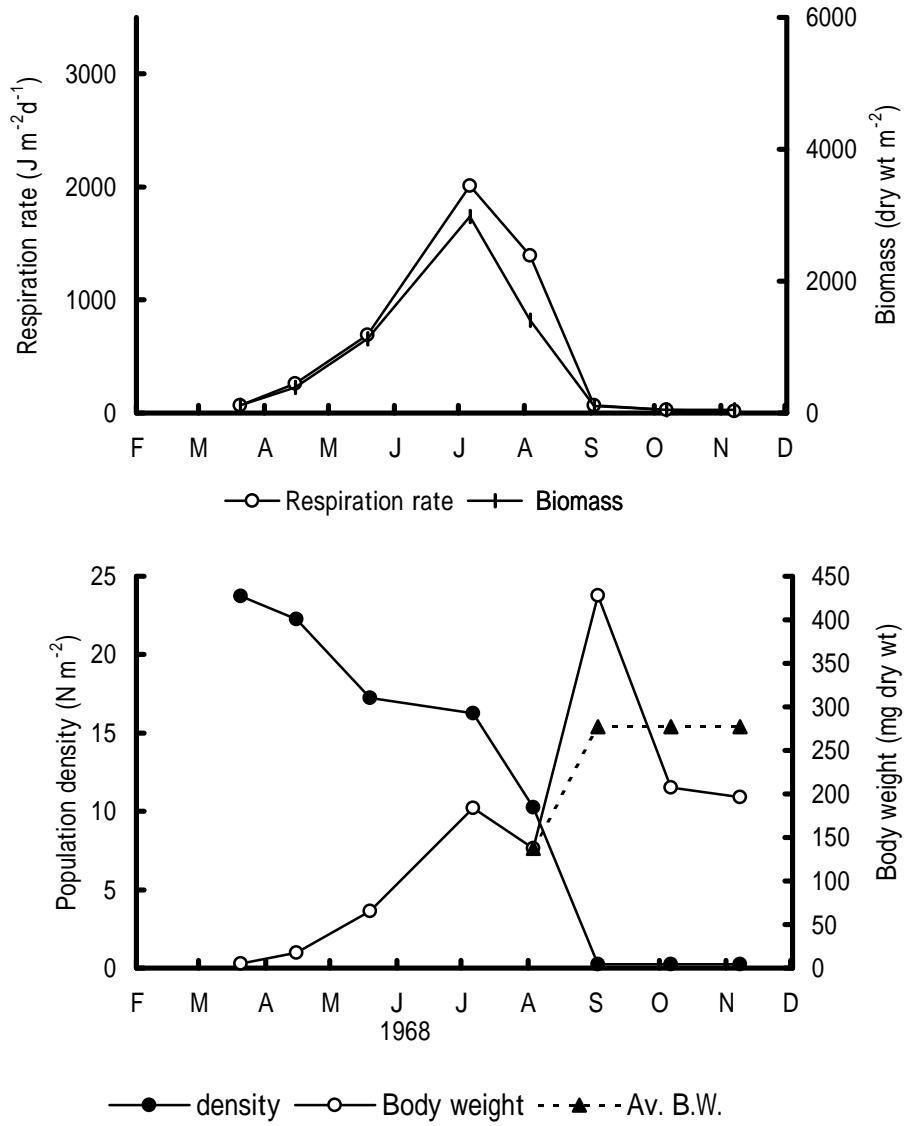


Fig. 3-2. Seasonal change in biomass, respiration, average body weight and number of *Amynthus* sp. (H-1) in area H 1968.

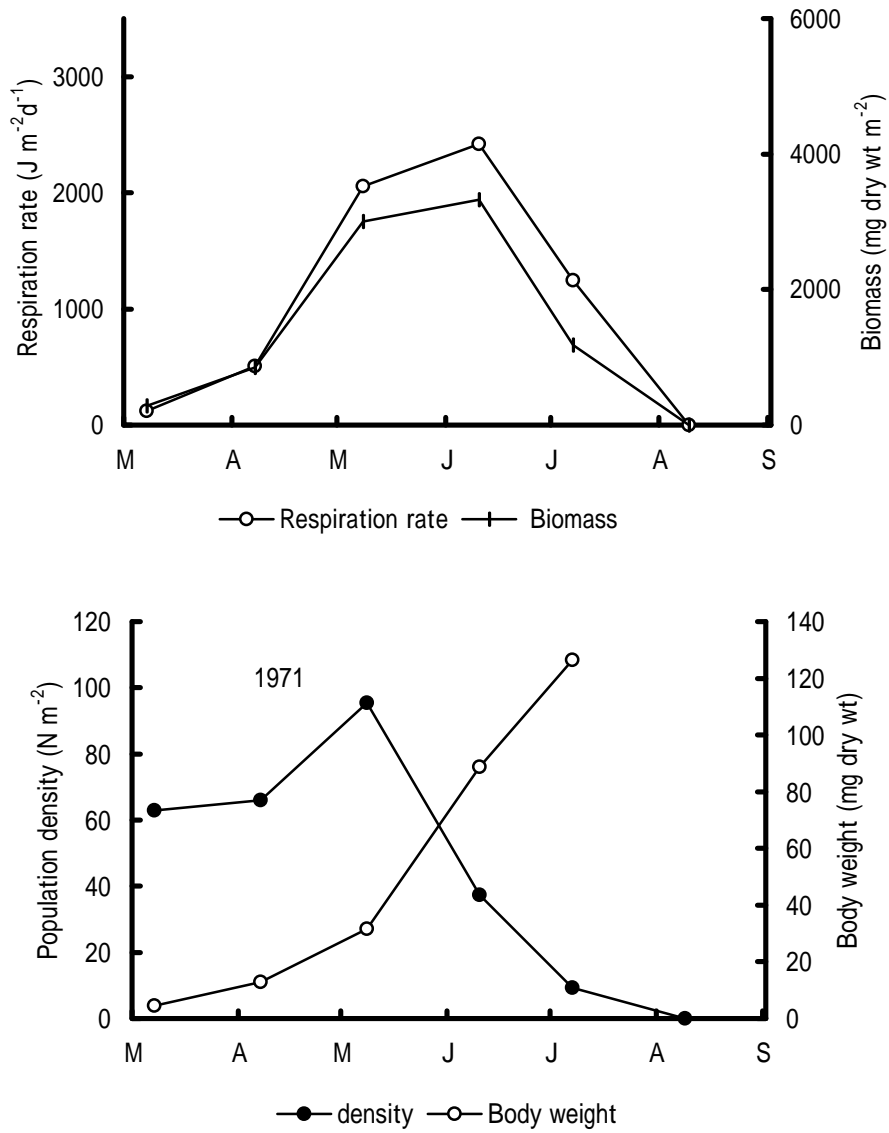


Fig. 3-3. Seasonal change in biomass, respiration, average body weight and number of *Amynthus* sp. (H-1) in area D 1971.

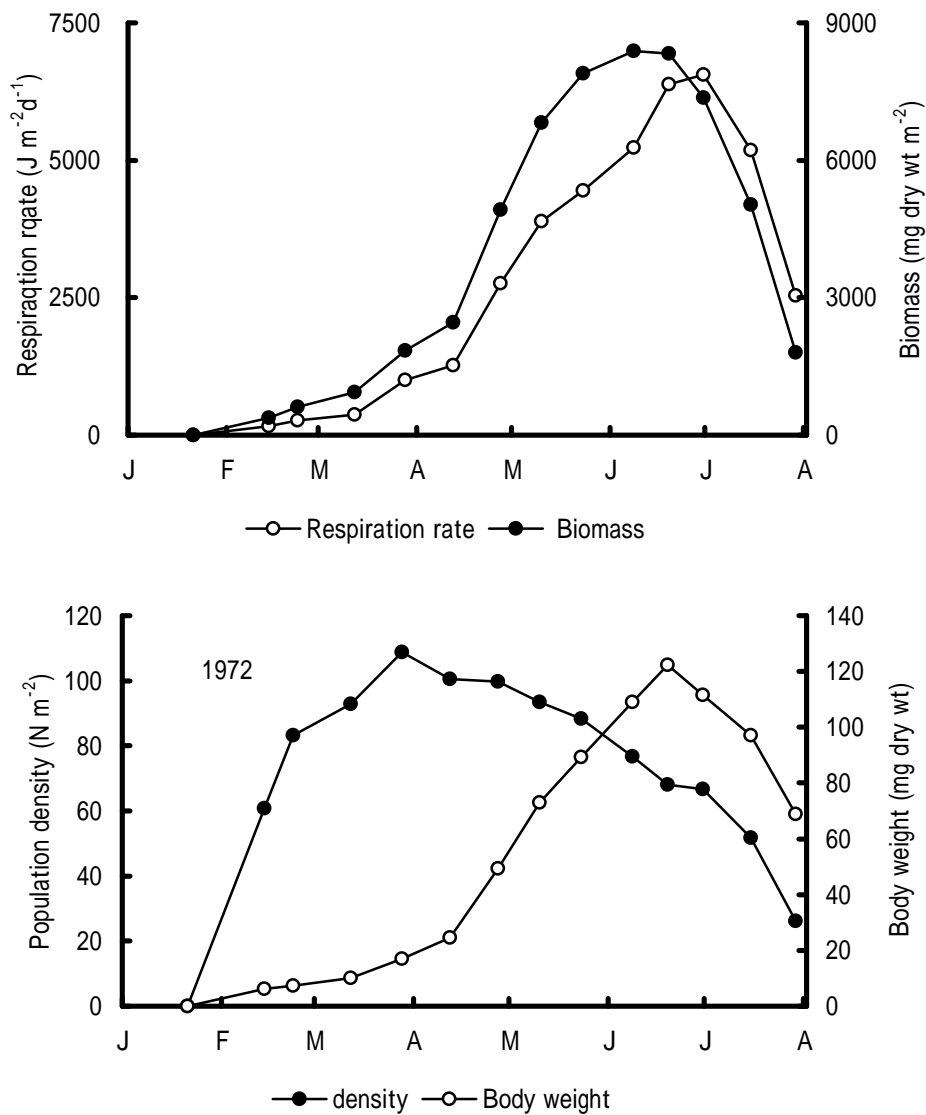


Fig. 3-4. Seasonal change in biomass, respiration, average body weight and number of *Aynthas* sp. (H-1) in area D 1972.

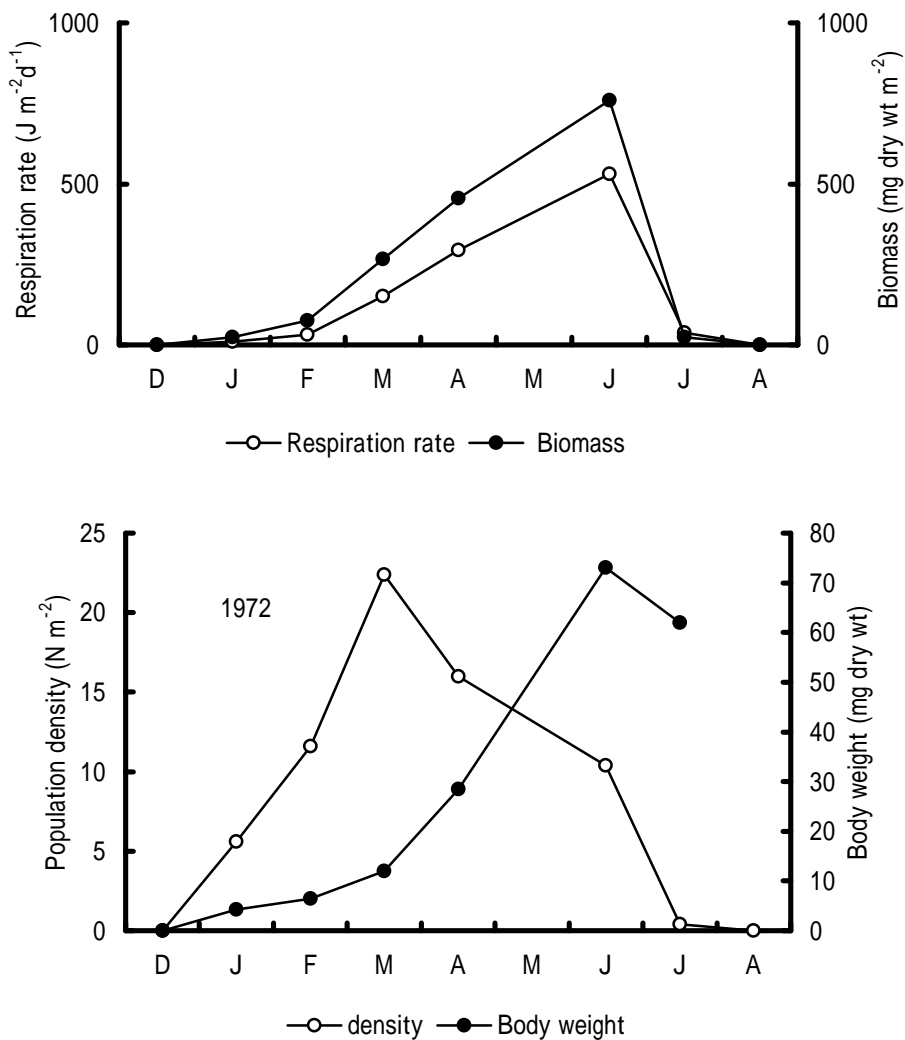


Fig. 3-5. Seasonal change in biomass, respiration, average body weight and number of *Amynthus* sp. (H-1) in area G 1972.

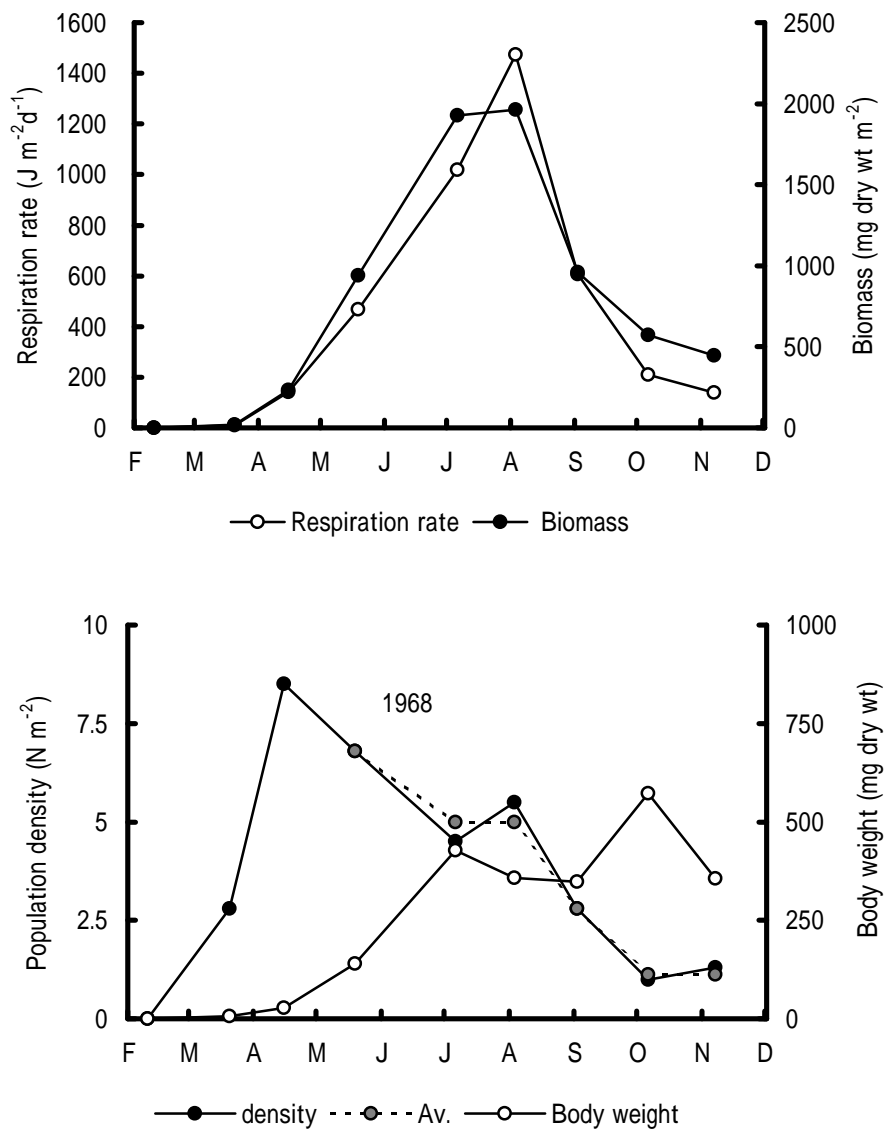


Fig. 3-6. Seasonal change in biomass, respiration, average body weight and number of *Amynthus vittatus* in area H 1972.

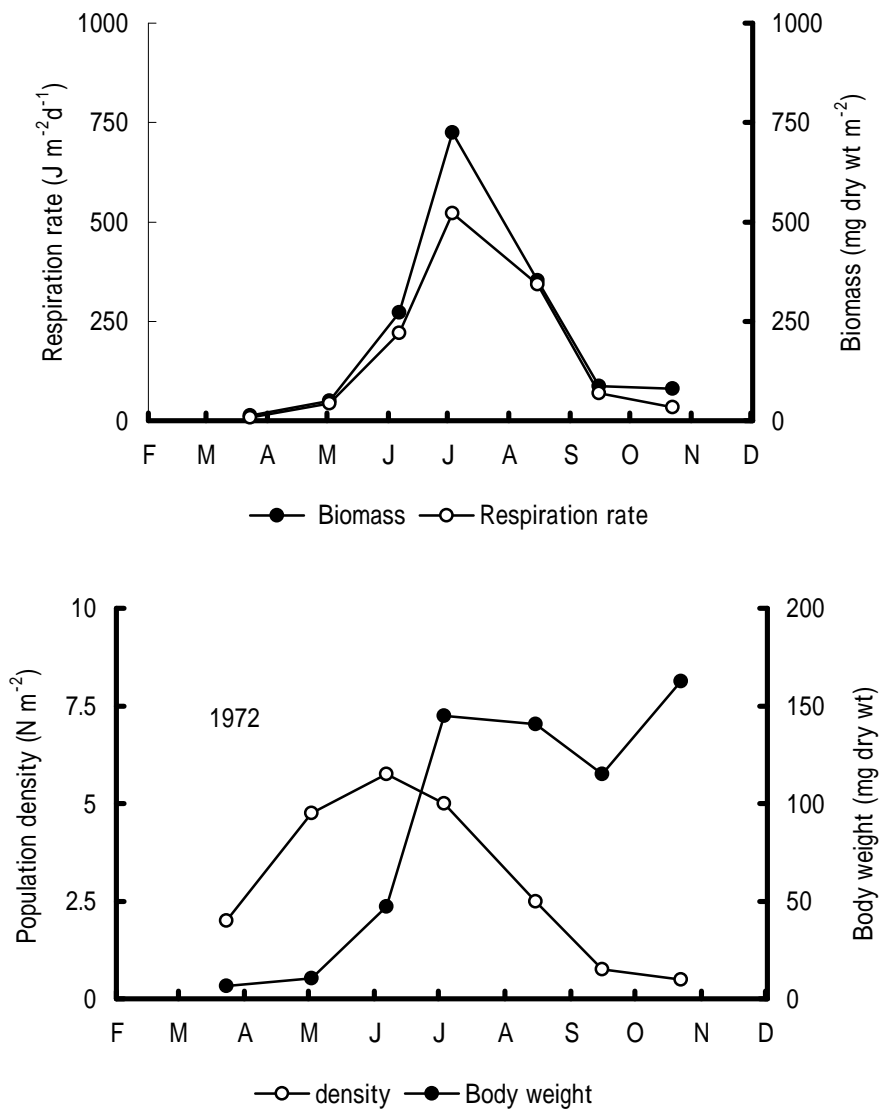


Fig. 3-7. Seasonal change in biomass, respiration, average body weight and number of *Aynthas irregularis* in area K 1968.

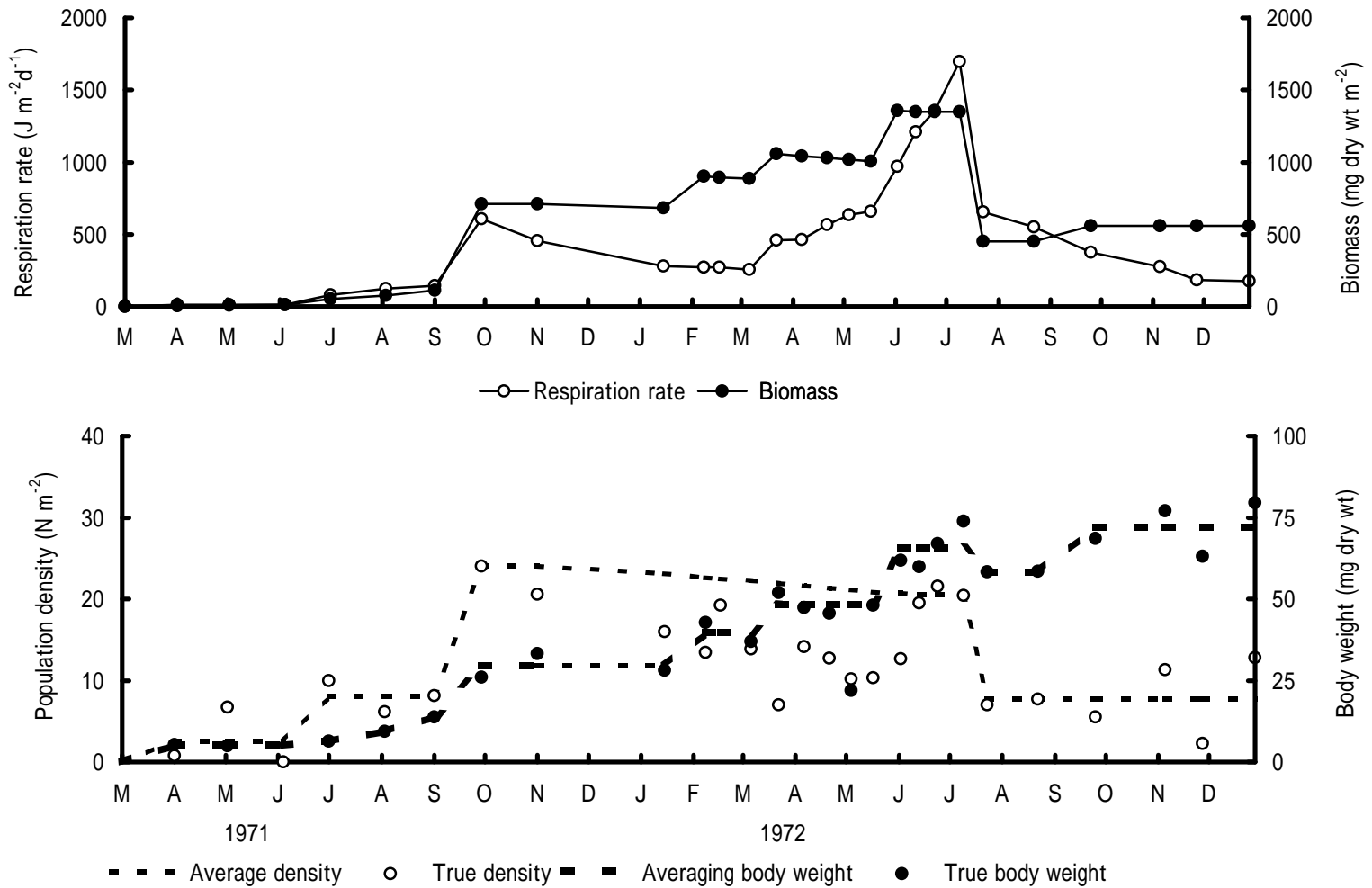


Fig. 3-8. Seasonal change in biomass, respiration, average body weight and number of *Amynthus corticus* in area H 1971-1973.

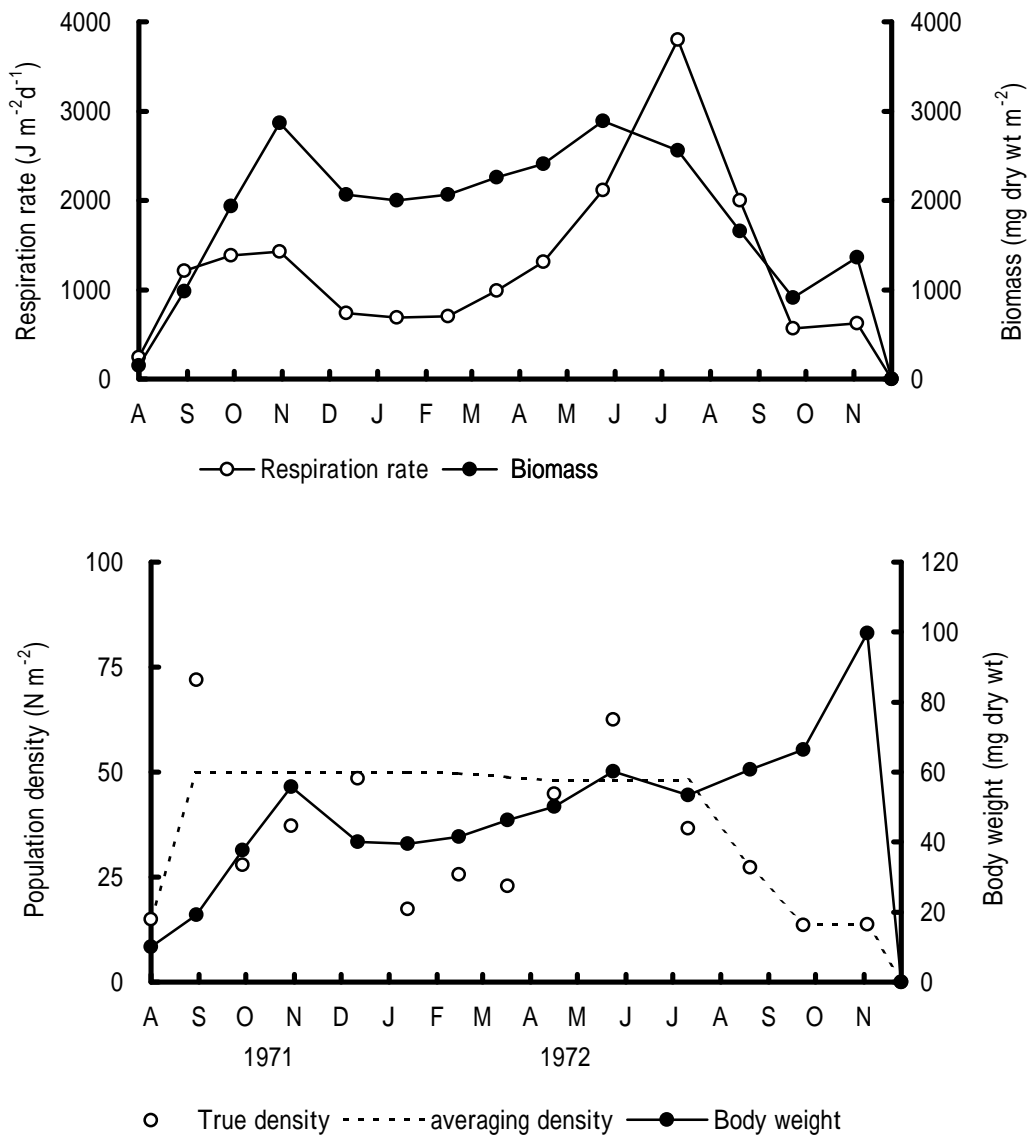


Fig. 3-9. Seasonal change in biomass, respiration, average body weight and number of *Aynthas corticus* in area G 1971-1972.