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Table 11-1 Bio-economic life table of *Amynthas* sp. (H-1) in area D 1972

Date	N	B	B.W	P	E	F.R A.H	F.R A.V	F.C A.H	F.C A.V	L-C	R.W	* m/m	* m	A
Jan.	0.0	0.0	0.0			0.0	0.0	0.0	0.0	1176.5				
Feb.14	60.8	379.6	6.2	15.8		0.2	0.0	0.1	0.0	1175.3		1.7	6.2	
Feb.23	83.2	619.2	7.4	26.6		0.4	0.0	0.3	0.0	1170.2		1.9	11.0	
Mar.12	92.8	933.7	10.1	18.5		0.6	0.1	0.4	0.1	1162.2		1.7	11.1	
Mar.28	108.8	1850.9	17.0	57.3		3.8	0.3	2.6	0.3	1118.7		1.5	11.0	
Apr.12	100.5	2457.3	24.5	51.9	11.5	5.9	0.5	4.1	0.5	1049.7		1.6	10.8	
Apr.27	99.8	4924.5	49.3	166.2	1.7	19.3	1.5	13.4	1.4	827.7		1.4	9.7	24.2
May 10	93.4	6821.0	73.0	152.5	26.1	30.7	3.1	21.4	2.8	531.3		1.3	8.6	14.9
May 23	88.3	7892.4	89.4	114.2	31.9	33.0	6.4	23.0	5.9	68.4		1.5	9.5	
Jun. 8	76.8	8378.2	109.1	101.7	71.3	32.8	5.1	22.9	4.7	0.0	15.2	1.3	7.1	4.9
Jun.19	68.0	8326.0	122.4	87.9	92.6	27.0	4.9	18.9	4.5		15.2	2.7	10.4	6.01(6.10)
Jun.30	66.6	7368.0	110.6		87.2	25.6	5.6	17.9	5.1		15.2	1.6	7.5	5.1
Jul.15	51.8	5028.5	97.1		156.0	19.3	8.6	13.4	7.9		15.2	1.5	5.9	9.9
Jul.29	26.2	1803.5	68.8		232.5	9.1	4.9	6.3	4.5		15.2	3.9	7.1	
Aug.28	0.0	0.0	0.0		60.1	0.0	0.0	0.0	0.0		15.2			

N:density ($N m^{-2}$), B:Biomass (dry wt m^{-2}), B.W:Body dry weight of individual, P:Production (dry wt w^{-2}), E:Elimination (dry wt w^{-2})

F.R A.H:Litter requirement of *Amynthas* sp.(H-1), F.R A.V:Litter requirement of *Amynthas vittatus*,

F.C A.H: Litter consumption of *Amynthas* sp. (H-1), F.C.A.V: Litter consumption of *Amynthas vittatus*

L-C:Litter supply - Litter consumption, R.W: Resource supply from wormcast, (m/m, m, A: The degree of Aggregation of individuals, see Chapter 8)

Table 11-2 Bio-economic life table of *Amynthas* sp. (H-1) in clay sand area 1972

Date	N	B	B.W	P	E	F.R	L-C	L	* m/m	* m
Feb. 2	94.4	370.1	3.9	12.3		0.0				
						0.0			1.2	6.7
Feb. 15	105.6	638.0	6.0	20.6		0.2			1.1	7.3
Mar. 22	97.6	1178.0	12.1	17.5	2.1	2.3			1.3	7.6
Apr. 16	74.7	1944.9	23.5	41.1	10.4	7.9	450.0	450.0	1.0	4.5
	(82.9)			68.6	0.0		405.7	402.0		
Apr. 29	91.2	2836.6	34.2			18.6			0.9	4.9
	(82.9)			102.9	76.4		278.8	358.0		
May 11	57.3	3154.3	51.3			26.3			1.3	4.6
	(61.5)			79.8	0.0		106.8	110.4		
May 26	65.7	4351.8	70.8			42.4			1.6	6.3
	(61.5)			38.4	45.0		0.0			
Jun. 15	49.7	4199.3	84.6			29.0			0.9	2.8
					68.3			69.4		
Jul. 7	38.4	2695.9	70.1			19.4			2.0	4.7
					128.4			0.0		
Jul. 28	0.0	0.0				0.0				

N: density ($N m^{-2}$), B: Biomass (dry wt m^{-2}), B.W: Body dry weight of individual, P: Production (dry wt w^{-2}), E: Elimination (dry wt w^{-2})
 F.R :Litter requirement of *Amynthas* sp.(H-1), L-C:Litter supply of the decaying strow bags - Litter consumption,
 L: The weight of the decaying strow bags, (m/m, m, A: The degree of Aggregation of individuals, see Chapter 10)

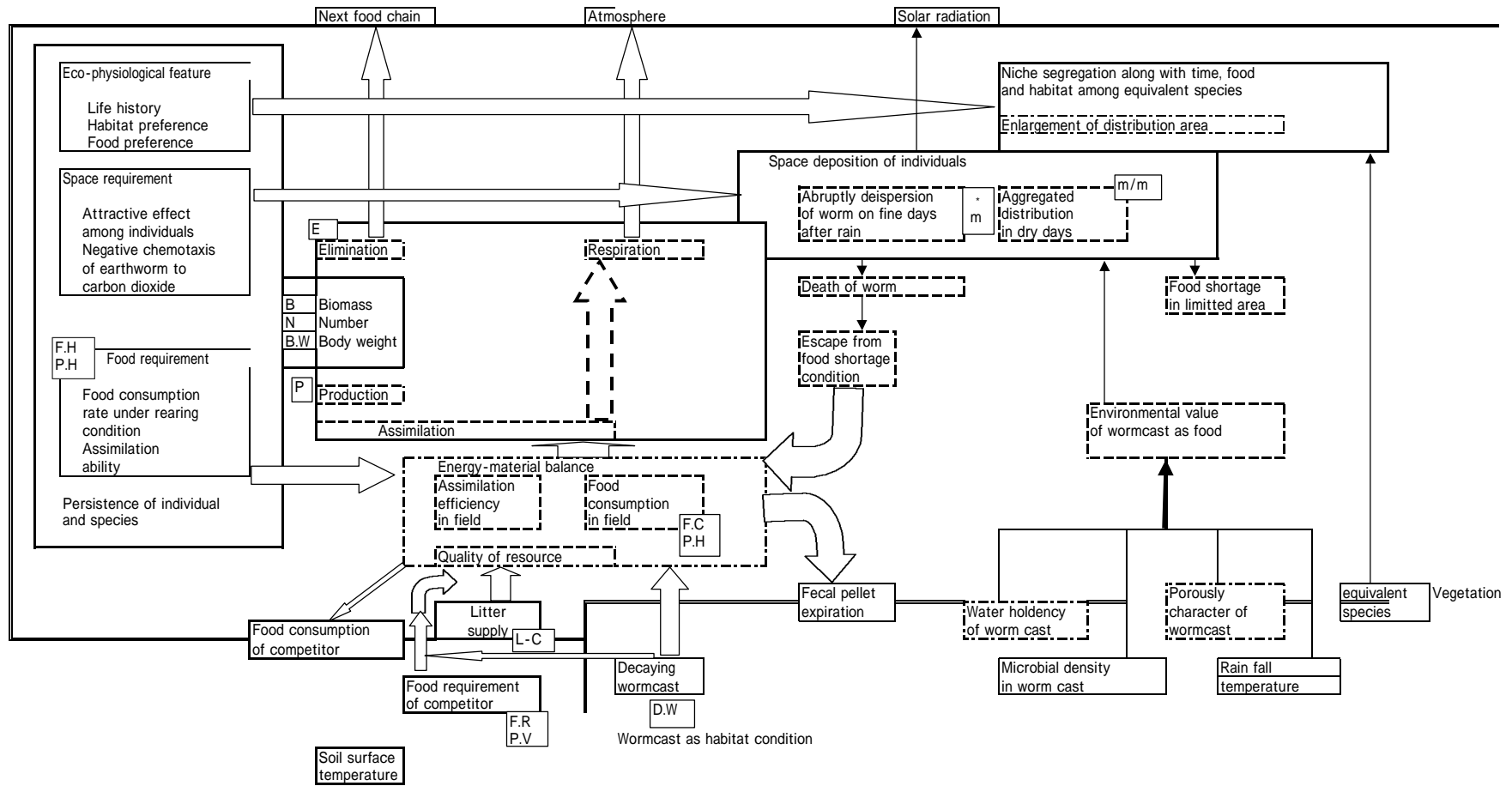


Fig. 11-1. Inter relationship between environment and earthworm

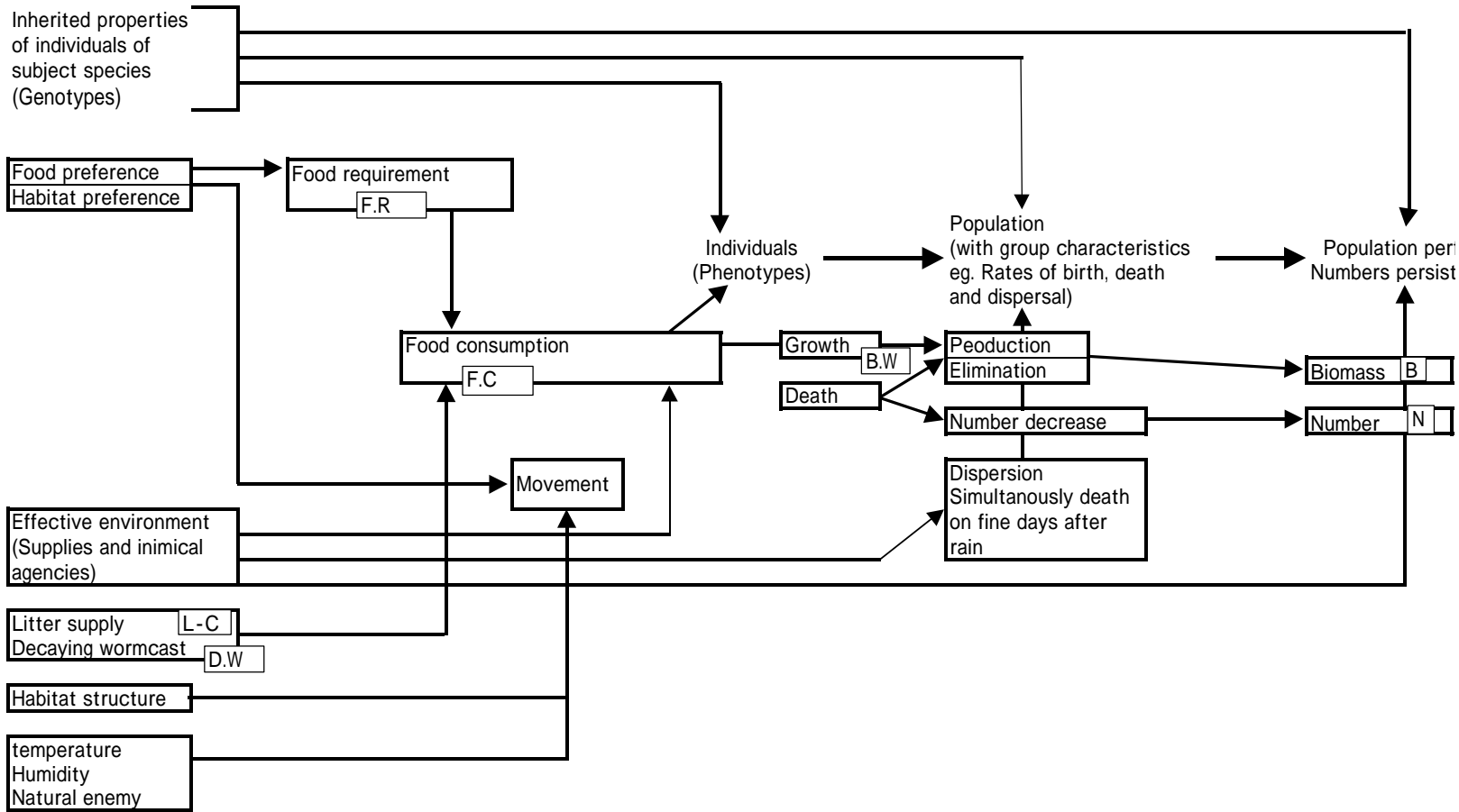


Fig. 11-2. The components of earthworms life system

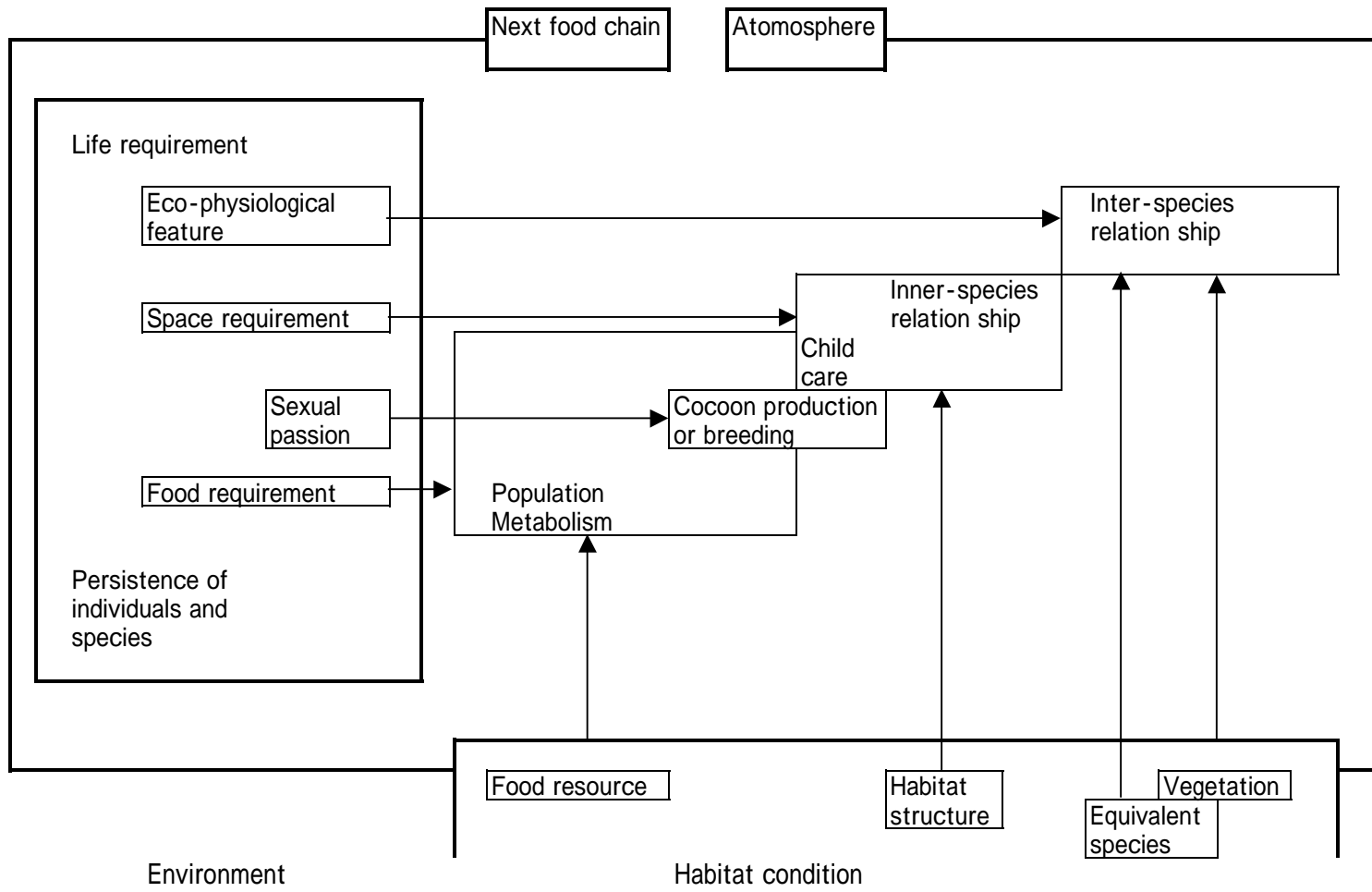


Fig. 11-3. Inter relationship between environment and animals.

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