

Table 5.2. Dry matter composition of organisms serving as food for common carp (*Cyprinus carpio*)¹

Organism group	Dry matter composition					
	Dry matter (%)	Crude protein (%)	Carbohydrate (%)	Crude lipid (%)	Ash (%)	Gross energy (kcal/kg)
Bacteria					5.4	4 710
Algae						
• Cyanophyta (blue-green algae)		31.3			46.7	2 213
• Chlorophyta (green algae)	16.8	17.6		3.7	26.9	3 773
• Phaeophyta (brown algae)	14.1				32.3	3 056
• Bacillariophyceae (diatoms)		30.7		9.9	38.3	3 654
• Rhodophyta (red algae)	21.7				32.1	3 170
Aquatic macro-vegetation	15.8	14.6		4.5	13.9	3 906
Protozoa						5 938
Rotifers	11.2	64.3		20.3	6.2	4 866
Oligochaetes	7.3	49.3		19	5.8	5 569
Leeches	24	61			5.1	5 432
Crustacea						
• Anostraca (<i>Artemia</i>)	11	61.6		19.5	10.1	5 835
• Cladocera	9.8	56.5	28.2	19.3	7.7	4 800
• Copepoda	10.3	52.3	9.2	26.4	7.1	5 445
• Ostracoda	35	41.5				5 683
• Malacostraca (higher Crustacea)	24.6	49.9	18.4	20.3	19.6	5 537
Insects	23.2	55.94	20.1	18.6	4.9	5 075
• Plecoptera (stone flies)						4 900
• Ephemeridae (mayflies)	17.6	50.2			3.7	5 646
• Odonata (dragon flies)	21.1	51.9			5.8	4 985
• Hemiptera (water bugs)	26	68.8				5 150
• Trichoptera (caddisflies)	14.8	34.7			11.8	5 019
• Diptera	16	55.3			6.9	5 177
• Chironomids (larvae)	19.1	59	22.5	4.9	5.8	5 034
Molluscs	32.2	39.5	7.5	7.8	32.9	3 889
Aquatic detritus	91.5				12.4	4 701

¹Source: Hepher (1988); New, Tacon and Csávás (1994).