

Table 5.1. Proximate analyses of organisms serving as food for common carp (*Cyprinus carpio*)

Name of Organism	Live weight (mg/pc)	Energy (J/pc)	Dry matter (%)	Total protein (%)	Net protein (%)	Chitin (%)	NFE ¹ (%)	Ash	Gross energy (kJ/g)	Water (%)	Source ²
<i>Chironomus</i> (<i>C. gregarius</i>)	5.23	14.3	12.82	8.21	1.77	1.4	2.42	1.03	2.7	87.18	(1), (2)
<i>Chironomus</i> (<i>C. plumosus</i>)	21.72	50.1	11.72	6.63	–	–	3.08	1.5	2.3	88.28	(1), (2)
Gnat (<i>Macrocorixa geoffroyi</i>)	89.9	550.1	28.03	6.37	7.74	8.09	1.33	8.09	6.1	71.97	(1), (2)
Caddisfly larva (<i>Phryganea grandis</i>)	584.6	4 287	29.58	13.57	12.78	0.79	8.17	0.75	7.3	70.42	(1), (2)
Caddisfly larva (<i>Limnophilus rhombicus</i>)	216.1	733	21.29	11.31	10.28	1.03	6.71	1.7	3.6	78.71	(1), (2)
Dragonfly (<i>Lestes</i> sp.)	95.6	482	21.24	14.89	–	–	2.35	1.17	5.1	78.76	(1), (2)
Dragonfly (<i>Agrion</i> sp.)	30.06	104	16.2	11.07	–	–	2.14	1.63	3.6	83.8	(1), (2)
Mayfly (<i>Ephemera vulgata</i>)	47.65	194.8	17.94	11.37	6.56	4.75	2.8	0.92	4.1	82.06	(1), (2)
Mayfly (<i>Cloeon dipterum</i>)	9.5	53	22.68	13.05	–	–	1.87	1.8	5.7	77.32	(1), (2)
Mayfly (<i>Perla cephalotes</i>)	305.6	1093	16.56	12.33	–	–	0.07	2	3.6	83.44	(1), (2)
Amphipod (<i>Gammarus pulex</i>)	24	85.2	21.56	11.32	8.93	2.39	2.69	6.28	3.5	78.44	(1), (2)
Amphipod (<i>Carinogammarus</i>)	29.5	122	22.37	11.25	–	–	4.77	4.62	4.2	77.63	(1), (2)
Waterlouse (<i>Asellus aquaticus</i>)	27.17	82.9	19.77	10.15	–	–	1.69	7.02	3.1	80.23	(1), (2)
Daphnia (<i>Daphnia pulex</i>)	0.34	0.5	9.33	5.42	1.47	1.47	4.07	1.7	1.6	90.67	(1), (2)
Freshwater clam (<i>Sphaerium</i> sp.)	69.7	92	24.25	3.06	–	–	2.89	18.04	1.3	75.75	(1), (2)
Freshwater clam (<i>Dreissena polymorpha</i>)	310.9	367	12.44	56.02	3.41	3.41	1.62	38.71	1.2	87.56	(1), (2)
Water snail (<i>Limnaea ovata</i>)	87.2	112	23.43	3.84	–	–	0.57	18.33	1.3	76.57	(1), (2)

¹NFE – Nitrogen-free extract.

²Source: (1) Schäperclaus (1961); (2) Tasnádi (1983).