

TABLES SHOWING DETAILS OF DIGESTION EXPERIMENTS—Continued.

<i>Flaked Barley.</i> (Sample No. 46.)	Total Organic Matter.	Protein.	Fat.	Carbo- hydrates.	Heat of Com- bustion.
<i>Experiment No. 1. Subject: F.A.C.</i>	Gms.	Gms.	Gms.	Gms.	Cals.
Food materials—barley.....	812.45	96.06	10.95	695.50	3,520
cream.....	460.01	23.01	413.00	24.00	4,075
sugar.....	300.00	.....	.....	300.00	1,230
Total.....	1,572.46	119.07	423.95	1,019.50	8,825
Feces from total food.....	94.25	31.55	19.11	27.97	479
" " cream and sugar.....	.....	.69	20.65	6.48	222
" " barley alone.....	.....	30.86	.....	21.49	257
Amount digested from total food..	1,478.21	87.52	404.84	981.53	8,346
" " " barley alone.....	.....	65.20	.....	674.01	.....
Energy of urine from total food.....	.....	.....	.....	.....	109
" " " barley alone.....	.....	.....	.....	.....	39
Co-efficients of digestibility.....	per cent.	per cent.	per cent.	per cent.	per cent.
Of total food.....	94.0	73.5	95.5	97.3	93.3
" barley alone.....	91.8	67.8	.....	97.0	91.5
<i>Experiment No. 2. Subject: W.J.H.</i>	Gms.	Gms.	Gms.	Gms.	Cals.
Food materials—barley.....	799.70	94.57	10.77	684.59	3,565
cream.....	460.01	23.01	413.00	24.00	4,075
sugar.....	300.00	.....	.....	300.00	1,230
Total.....	1,559.71	117.58	423.77	1,008.59	8,870
Feces from total food.....	64.06	22.49	14.06	17.83	335
" " cream and sugar.....	.....	.69	20.65	6.48	222
" " barley alone.....	.....	21.80	.....	11.35	113
Amount digested from total food..	1,495.65	95.09	409.71	990.76	8,535
" " " barley alone.....	.....	72.77	.....	673.24	.....
Energy of urine from total food.....	.....	.....	.....	.....	119
" " " barley alone.....	.....	.....	.....	.....	91
Co-efficients of digestibility.....	per cent.	per cent.	per cent.	per cent.	per cent.
Of total food.....	95.9	80.9	96.7	98.2	94.9
" barley alone.....	95.4	76.9	.....	98.4	94.2
<i>Experiment No. 3. Subject: C.B.T.</i>	Gms.	Gms.	Gms.	Gms.	Cals.
Food materials—barley.....	689.80	81.65	9.29	590.54	2,989
cream.....	460.01	23.01	413.00	24.00	4,075
sugar.....	300.00	.....	.....	300.00	1,230
Total.....	1,449.87	104.66	422.29	914.54	8,294
Feces from total food.....	79.94	25.72	20.33	22.20	429
" " cream and sugar.....	.....	.69	20.65	6.48	222
" " barley alone.....	.....	25.03	.....	15.36	207
Amount digested from total food..	1,369.93	78.94	401.96	892.34	7,835
" " " barley alone.....	.....	56.62	.....	575.18	.....
Energy of urine from total food.....	.....	.....	.....	.....	99
" " " barley alone.....	.....	.....	.....	.....	71
Co-efficients of digestibility.....	per cent.	per cent.	per cent.	per cent.	per cent.
Of total food.....	94.5	75.4	95.2	97.6	93.3
" barley alone.....	93.9	69.3	.....	97.3	90.4
<i>Average Co-efficients of digesti- bility</i>	per cent.	per cent.	per cent.	per cent.	per cent.
Of total food.....	94.8	76.6	95.8	97.7	93.8
" barley alone.....	93.7	71.3	.....	97.6	92.0