

TABLES SHOWING DETAILS OF DIGESTION EXPERIMENTS—Continued.

| <i>Long Cooking Tillson's Outmeal.</i><br>(Sample No. 44.) | Total<br>Organic<br>Matter. | Protein.  | Fat.      | Carbo-<br>hydrates. | Heat of<br>Combustion. |
|------------------------------------------------------------|-----------------------------|-----------|-----------|---------------------|------------------------|
| <i>Experiment No. 1. Subject: F.A.C.</i>                   | Gms.                        | Gms.      | Gms.      | Gms.                | Cals.                  |
| Food materials—oats .....                                  | 1,178.00                    | 155.40    | 92.53     | 908.41              | 5,502                  |
| cream .....                                                | 373.75                      | 37.25     | 308.50    | 28.00               | 3,204                  |
| sugar .....                                                | 300.00                      | .....     | .....     | 300.00              | 1,230                  |
| Total .....                                                | 1,851.75                    | 192.65    | 401.03    | 1,236.41            | 9,936                  |
| Feces from total food .....                                | 89.40                       | 32.25     | 23.62     | 17.96               | 484                    |
| “ “ cream and sugar .....                                  | .....                       | 1.12      | 15.42     | 6.53                | 174                    |
| “ “ oats alone .....                                       | .....                       | 31.13     | .....     | 11.40               | 310                    |
| Amount digested from total food ..                         | 1,762.35                    | 160.40    | 377.41    | 1,218.45            | 9,452                  |
| “ “ “ oats alone .....                                     | .....                       | 124.27    | .....     | 897.01              | .....                  |
| Energy of urine from total food ..                         | .....                       | .....     | .....     | .....               | 201                    |
| “ “ “ oats alone .....                                     | .....                       | .....     | .....     | .....               | 155                    |
| Co-efficients of digestibility                             | per cent.                   | per cent. | per cent. | per cent.           | per cent.              |
| Of total food .....                                        | 95.7                        | 83.2      | 94.1      | 98.5                | 93.0                   |
| “ oats alone .....                                         | 94.4                        | 30.0      | .....     | 98.6                | 91.5                   |
| <i>Experiment No. 2. Subject C.B.T.</i>                    | Gms.                        | Gms.      | Gms.      | Gms.                | Cals.                  |
| Food materials—oats .....                                  | 1,190.30                    | 157.00    | 93.51     | 917.95              | 5,560                  |
| cream .....                                                | 373.75                      | 37.25     | 308.50    | 28.00               | 3,204                  |
| sugar .....                                                | 300.00                      | .....     | .....     | 300.00              | 1,230                  |
| Total .....                                                | 1,864.05                    | 194.25    | 402.01    | 1,245.95            | 9,994                  |
| Feces from total food .....                                | 87.00                       | 27.28     | 26.80     | 18.87               | 484                    |
| “ “ cream and sugar .....                                  | .....                       | 1.12      | 15.42     | 6.56                | 174                    |
| “ “ oats alone .....                                       | .....                       | 26.16     | .....     | 12.31               | 310                    |
| Amount digested from total food ..                         | 1,777.05                    | 166.97    | 375.62    | 1,227.08            | 9,510                  |
| “ “ “ oats alone .....                                     | .....                       | 130.84    | .....     | 905.64              | .....                  |
| Energy of urine from total food ..                         | .....                       | .....     | .....     | .....               | 209                    |
| “ “ “ oats alone .....                                     | .....                       | .....     | .....     | .....               | 164                    |
| Co-efficients of digestibility                             | per cent.                   | per cent. | per cent. | per cent.           | per cent.              |
| Of total food .....                                        | 95.3                        | 85.9      | 93.4      | 98.5                | 93.1                   |
| “ oats alone .....                                         | 94.6                        | 83.3      | .....     | 98.7                | 91.5                   |
| <i>Experiment No. 3. Subject K. G.</i>                     | Gms.                        | Gms.      | Gms.      | Gms.                | Cals.                  |
| McK.                                                       |                             |           |           |                     |                        |
| Food materials—oats .....                                  | 1,282.40                    | 169.19    | 101.72    | 988.80              | 5,998                  |
| cream .....                                                | 373.75                      | 37.25     | 308.50    | 28.00               | 3,204                  |
| sugar .....                                                | 300.00                      | .....     | .....     | 300.00              | 1,230                  |
| Total .....                                                | 1,956.15                    | 206.44    | 410.22    | 1,316.80            | 10,432                 |
| Feces from total food .....                                | 82.50                       | 27.48     | 20.73     | 19.35               | 434                    |
| “ “ cream and sugar .....                                  | .....                       | 1.12      | 15.42     | 6.56                | 174                    |
| “ “ oats alone .....                                       | .....                       | 26.36     | .....     | 12.79               | 260                    |
| Amount digested of total food .....                        | 1,873.65                    | 178.96    | 389.49    | 1,297.45            | 9,998                  |
| “ “ “ oats alone .....                                     | .....                       | 142.83    | .....     | 976.01              | .....                  |
| Energy of urine from total food ..                         | .....                       | .....     | .....     | .....               | 224                    |
| “ “ “ oats alone .....                                     | .....                       | .....     | .....     | .....               | 179                    |
| Co-efficients of digestibility                             | per cent.                   | per cent. | per cent. | per cent.           | per cent.              |
| Of total food .....                                        | 95.3                        | 86.7      | 94.9      | 98.5                | 93.6                   |
| “ oats alone .....                                         | 95.3                        | 84.4      | .....     | 98.7                | 92.5                   |
| Average Co-efficients of digesti-<br>bility.               | per cent.                   | per cent. | per cent. | per cent.           | per cent.              |
| Of total food .....                                        | 95.4                        | 85.3      | 94.1      | 98.5                | 93.2                   |
| “ oats alone .....                                         | 94.8                        | 82.6      | .....     | 98.7                | 91.8                   |