

TABLES SHOWING DETAILS OF DIGESTION EXPERIMENTS—Continued.

| <i>Orange Meat.</i><br>(Sample No. 9.)   | Total<br>Organic<br>Matter. | Protein.  | Fat.      | Carbo-<br>hydrates. | Heat of<br>Com-<br>bustion. |
|------------------------------------------|-----------------------------|-----------|-----------|---------------------|-----------------------------|
| <i>Experiment No. 1. Subject: F.A.C.</i> | Gms.                        | Gms.      | Gms.      | Gms.                | Cals.                       |
| Food materials—orange meat..             | 1,272.95                    | 120.30    | 15.56     | 1,109.25            | 5,402                       |
| cream .....                              | 293.13                      | 40.78     | 224.35    | 28.00               | 2,445                       |
| sugar.....                               | 300.00                      | .....     | .....     | 300.00              | 1,230                       |
| Total.....                               | 1,866.08                    | 161.08    | 239.91    | 1,437.25            | 9,077                       |
| Feces from total food.....               | 132.42                      | 32.01     | 14.55     | 68.68               | 606                         |
| " " cream and sugar.....                 | .....                       | 1.22      | 11.21     | 6.56                | 138                         |
| " " orange meat alone.....               | .....                       | 30.79     | .....     | 62.12               | 468                         |
| Amount digested from total food..        | 1,733.66                    | 129.07    | 225.36    | 1,368.51            | 8,471                       |
| " " " orange meat.....                   | .....                       | 83.51     | .....     | 1,047.13            | .....                       |
| Energy of urine from total food.....     | .....                       | .....     | .....     | .....               | 161                         |
| " " " orange meat.....                   | .....                       | .....     | .....     | .....               | 112                         |
| Co-efficients of digestibility           | per cent.                   | per cent. | per cent. | per cent.           | per cent.                   |
| Of total food.....                       | 94.0                        | 80.1      | 93.9      | 95.2                | 91.5                        |
| " orange meat alone.....                 | 91.1                        | 74.4      | .....     | 94.4                | 90.0                        |
| <i>Experiment No. 2. Subject: W.J.C.</i> | Gms.                        | Gms.      | Gms.      | Gms.                | Cals.                       |
| Food materials—orange meat..             | 993.75                      | 93.91     | 12.15     | 865.88              | 4,217                       |
| cream .....                              | 265.68                      | 38.18     | 201.60    | 26.00               | 2,206                       |
| sugar.....                               | 300.00                      | .....     | .....     | 300.00              | 1,230                       |
| Total.....                               | 1,559.43                    | 132.09    | 213.75    | 1,191.88            | 7,653                       |
| Feces from total food.....               | 95.06                       | 22.80     | 8.62      | 50.40               | 421                         |
| " " cream and sugar.....                 | .....                       | 1.15      | 10.08     | 6.52                | 127                         |
| " " orange meat alone.....               | .....                       | 21.65     | .....     | 43.88               | 294                         |
| Amount digested from total food..        | 1,464.37                    | 109.29    | 205.13    | 1,141.48            | 7,232                       |
| " " " orange meat.....                   | .....                       | 72.26     | .....     | 822.00              | .....                       |
| Energy of urine from total food.....     | .....                       | .....     | .....     | .....               | 137                         |
| " " " orange meat.....                   | .....                       | .....     | .....     | .....               | 90                          |
| Co-efficients of digestibility           | per cent.                   | per cent. | per cent. | per cent.           | per cent.                   |
| Of total food.....                       | 93.9                        | 82.7      | 95.9      | 95.3                | 92.7                        |
| " orange meat alone.....                 | 92.2                        | 76.9      | .....     | 94.8                | 90.9                        |
| Average co-efficients of digesti-        | per cent.                   | per cent. | per cent. | per cent.           | per cent.                   |
| bility                                   | per cent.                   | per cent. | per cent. | per cent.           | per cent.                   |
| Of total food.....                       | 94.0                        | 81.4      | 94.9      | 95.2                | 92.1                        |
| " orange meat alone.....                 | 91.6                        | 75.7      | .....     | 94.6                | 90.5                        |