TABLE 94.—*Comparison of calculated amounts of fluid lost from blood and extra fluid in the lungs of gassed animals*

| (1) Goat No. | (2) Date | (3) Weight animal | (4) Weight heart at death | (5) Weight lung at death | (6) L:H. | (7) Weight normal lung | (8) Last hemoglobin determination | (9) Hemoglobin at death | (10) Normal blood volume | (11) Blood volume at death | (12) Fluid lost from blood at death | (13) Extra fluid in lung |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | *Kgm.* | *Grams* | *Grams* | | *Grams* | *Per cent* | *Per cent* | *C. c.* | *C. c.* | *C. c.* | *C. c.* |
| 3602 | June 13 | 31.8 | 157 | 1,472 | 9.4 | 377 | 163 | 200 | 1,750 | 875 | 875 | 1,095 |
| 3638 | June 12 | 29.5 | 126 | 623 | 4.9 | 302 | 125 | 140 | 1,625 | 1,160 | 465 | 321 |
| 3787 | June 20 | 16.8 | 74 | 566 | 7.6 | 178 | 128 | 145 | 925 | 638 | 287 | 388 |
| 4098 | July 4 | 35.0 | 195 | 1,103 | 5.7 | 468 | 114 | 140 | 1,925 | 1,375 | 550 | 635 |
| 4406 | Aug. 19 | 15.5 | 85 | 510 | 6.0 | 204 | 143 | 150 | 850 | 567 | 283 | 306 |
| 3920 | July 4 | 37.8 | 200 | 1,700 | 8.5 | 480 | 180 | [1] | 2,080 | 1,155 | 925 | 1,220 |
| 3600 | June 12 | 25.5 | 130 | 849 | 6.5 | 312 | 154 | [1] | 1,400 | 910 | 490 | 537 |
| 4047 | July 12 | 33.6 | 210 | 1,556 | 7.4 | 504 | 103 | [1] | 1,850 | 1,420 | 430 | 1,052 |

Column 6=column 5 ÷ column 4.
Column 7=column 4 × 2.4.
Columns 8 and 9. Values calculated using the normal as 100 per cent.
Column 9=extrapolation to time of death.
Column 10=column 3 × 0.055 × 1000 (Boycott and Damant, Journ. Physiol., 1907–8, xiv, 36).
Column 11=column 10 ÷ column 9.
Column 12=column 10 — column 11.
Column 13=column 5 — column 7.

[1] Time of death not known. Calculations made using last hemoglobin determinations (column 8).