CONTENTS OF VOLUME 43

SPECIAL COMMUNICATIONS

Longitudinal distribution of vascular resistance in the lung
D. J. Grimm, J. H. Linehan, and C. A. Dawson 1093

Measurement of body temperature in neonatal mice
C. A. Goodrich 1102

Estimating \( V_{A}/Q \) distributions from inert gas data with an enforced smoothing algorithm
R. L. Pimmel, M. J. Tsai, and P. A. Bromberg 1106

ABSTRACTS FROM CURRENT LITERATURE 1111

Subject Index to Volume 43 1113
Author Index to Volume 43 1127

CORRIGENDA

Volume 42, June 1977

Page 909: M. B. Maron, J. A. Wagner, and S. M. Horvath. "Thermoregulatory responses during competitive marathon running." In three places \( T_{R} \) (black globe, radiant temperature) should be substituted for \( T_{r} \). Page 910: at the bottom of the left-hand column, substitute . . . \( R \) was calculated from the Stefan-Boltzmann equation

\[
R = 4.88 \times 10^{-8} \varepsilon_{1} \varepsilon_{2} (T_{sk} - T_{sk} R)A_{e}/A_{d} \ldots
\]

And in the fourth and fifth lines from the top of the right-hand column, substitute . . . and \( T_{db} \) was used as an approximation of \( T_{r} \). . . Page 911: in the seventeenth line from the top of the right-hand column, substitute . . . The use of \( T_{db} \) as an approximation of \( T_{r} \) should not influence the results greatly. . .

Volume 43, July 1977

Page 75: A. J. DeLucia and W. C. Adams. "Effects of \( O_{3} \) inhalation during exercise on pulmonary function and blood biochemistry." Page 79: substitute at the top of the left-hand column: In our experiments, the ratio of \( O_{3} \) dosages would simply be the ratio of \( V_{E} \) exercise/\( V_{E} \) rest. For the mean ventilatory volumes achieved at 25\%, 45\%, and 65\% \( V_{O_{2}} \) max work loads, the dosage ratios would be 2.6, 4.0, and 6.0 times resting, respectively.