ERRATA PAGE 2 — for the 1994 *Review of Particle Properties*

[L. Montanet *et al.*, Phys. Rev. **D50**, 1173 (1994)] — (URL: `http://pdg.lbl.gov/rpp/errata`)

(All errata have been corrected on the World-Wide Web.)

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ERRATA for the QCD Section

- On page 1297 in Eq. 25.4a, the last term should read α_s^4 **not** α_s^3:

$$\mu\frac{\partial\alpha_s}{\partial\mu} = -\frac{\beta_0}{2\pi}\,\alpha_s^2 - \frac{\beta_1}{4\pi^2}\,\alpha_s^3 - \frac{\beta_2}{64\pi^3}\,\alpha_s^4 - \cdots\ , \qquad (25.4a)$$

- On page 1297 in Eq. 25.4d, the last term should read $+\frac{325}{27}n_f^2$ **not** $-\frac{325}{27}n_f^2$

$$\beta_2 = 2857 - \frac{5033}{9}n_f + \frac{325}{27}n_f^2\ , \qquad (25.4d)$$

- On page 1297 (and on page 195 of the Booklet), the last line of Eq. 25.5a should read

$$\times\left(\left(\ln\left[\ln\left(\mu^2/\Lambda^2\right)\right] - \frac{1}{2}\right)^2 + \frac{\beta_2\beta_0}{8\beta_1^2} - \frac{5}{4}\right)\Bigg] \qquad (25.5a)$$

- On page 1298, there is an error in the first term of Eq. 25.11a. It should read

$$P^{qq} = \frac{4}{3}\left[\frac{1+x^2}{(1-x)_+}\right] + 2\delta(1-x)\ , \qquad (25.11a)$$

- On page 1298, there is an error in the third term of Eq. 25.11d. It should read

$$P^{gg} = 6\left[\frac{1-x}{x} + x(1-x) + \frac{x}{(1-x)_+} + \frac{11}{12}\delta(1-x)\right] - \frac{n_f}{3}\delta(1-x)\ . \qquad (25.11d)$$

- On page 1300, Sec. 25.5, the reference should be to the upper-left figure on p. 1330 (Fig. 33.5, mislabeled 32.5), **not** to Fig. 32.7.
- On page 1301, reference [67] should refer to the combined LEP and SLC data, not just to LEP data.
- On page 1302, replace μ with Q in the figure caption:
  Figure 25.2: Summary of the values of $\alpha_s(Q)$ at the values of Q where they are measured. The lines show the central values and the $\pm1\sigma$ limits of our average. The figure clearly shows the decrease in $\alpha_s(Q)$ with increasing Q.

ERRATA for the SU(3) ISOSCALAR FACTORS Section

- On page 1288, Eq. 21.8 applies only to dimension $d = 3$. Revised text appears on the World-Wide Web.

ERRATA for the $B^\pm$

- On page 1207, (p. 56 of the Booklet), $c\tau$ for $B^\pm$ should read $c\tau = 462\ \mu$m.

- The "centimeters" on the ruler on p. 227 of the Booklet are 0.97 cm long, because:
  a) The booklets were returned from the printer at 0.25 times the speed of light;
  b) A theorist is in charge of the Particle Data Group;
  c) The PDG feels it has the right to redefine anything it wants;
  d) There is a general decline of standards;
  e) There was an international conspiracy;
  f) It was a congressionally-mandated cost-saving measure;
  g) PDG gives you more cm/inch than anyone else.