found in Fig. 7 is improved for the end of the deuteron range and made worse for the beginning. However it is yet well within our knowledge of the color center concentrations and of the dilatations.

Recoil Broadening of Conversion Lines Associated with Alpha Decay, J. BURDE AND S. G. COHEN

[Phys. Rev. **101**, 495 (1956)]. Lines 18 and 19 of the second paragraph should read ". . . the momentum distribution will be a rectangle . . ." instead of ". . . the momentum distribution will be a triangle. . . ."

Effects of a Ring Current on Cosmic Radiation, ERNEST C. RAY

[Phys. Rev. **101**, 1142 (1956)]. After the publication of this paper, it was called to my attention that Störmer[1] has developed, in connection with his auroral research, the same methods that I used in discussing cosmic-ray phenomena. In the notation used in our paper, he discussed the ranges

$$3\times10^{-5}\leq R \leq0.3 \text{ Bv},$$
$$14\leq a \leq1400,$$
$$0\leq M_r\leq3.3\times10^5.$$

R is the particle rigidity in Bv, a is the radius of the current ring in units of the earth's radius, and M_r is $\pi a^2 r_e^2 I/Mc$, where I is the current in statamperes, r_e is the radius of the earth in cm, M is the earth's dipole moment in gauss-cm^3, and c is the speed of light.

[1] C. Störmer, Arch. sci. phys. nat. (Geneva) **33**, 51, 113 (1912).

Interpretation of the Be^9(p,d) Reaction at Energies of 5 to 30 Mev, S. GLASHOW AND W. SELOVE,

[Phys. Rev. **102**, 200 (1956)]. (1) The first full paragraph in the last column on page 202 was accidentally mutilated in print. The second sentence should read: "But since the 95-Mev data show a long high-momentum tail which is not given by the single-particle calculation, it is perhaps more appropriate to fit the momentum density calculated from the experimental data to a function which agrees with the single-particle calculation in the low-energy region, but which possesses an appropriate high-momentum tail." (2) The argument given as to why the transparent-nucleus Born approximation should be more accurate than the Butler approximation is not correct. (We are obliged to N. Austern for pointing this out to us.) Stripping or pickup reactions involving loosely-bound nucleons (such as the loose neutron in Be^9) should rather be viewed as a means of *testing* the transparent, independent-particle, model of the nucleus. This matter will be discussed in more detail in a separate communication.

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