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Trans. from [Zemnoi Magnetizm i Zemnye Toki:
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DESCRIPTORS: *Magnetic storms, *Terrestrial mag-
netism, Ionospheric disturbances, Catalogs, Analysis

A number of questions on the theory of geomagnetic
storms was considered using the catalogs of geomag-
netic storms for 1878-1959 as a basis. Besides the
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[15]p. 9 refs. FASEB manuscript no. S 245-2.
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Trans. of Fiziologicheskii Zhurnal SSSR, 1962,
v. 48, no. 6, p. 754-759.

DESCRIPTORS: *Casein, Carbohydrates, Phosphates,
Adenosine phosphates, Phosphorus, *Metabolism,
Exercise, *Muscles, Lactic acid, Glucose.

A commercial casein was hydrolyzed with 6N HCl
for 12 hours. The resulting hydrolyzate contained
13.4% nitrogen or 85% of the nitrogen in casein,
0.28% phosphorus and all 18 amino acids in casein.
Albino rats were made to swim in water at 30 to 32° for 5
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