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The American Association for the Advancement of Science was founded in 1848 and incorporated in 1874. Its objects
are to further the work of scientists, to facilitate cooperation among them, to foster scientific freedom and responsibility,
to improve the effectiveness of science in the promotion of human welfare, and to increase public understanding and
appreciation of the importance and promise of the methods of science in human progress.

COVER

Severe soil erosion in a community along Brazil’s Transamazon Highway. Because of the broken terrain and tor-
rential rainfall, soil erosion is a major constraint on the agricultural development of the colonization scheme. Note the
bright red earth which is derived from weathered basalt. See page 755. [Nigel J. H. Smith, University of Flor-
da, Gainesville 32611]