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Portion of an ultraviolet-reflecting wing scale of the butterfly Eurema lisa. The ultraviolet reflection is structural rather than pigmented, and is caused by optical interference in the lamellar system associated with the ridges that project upward from the scale. See page 1214. [Diagram by R. Loos, State University of New York at Albany]

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 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.