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Photomorphogenesis is a very interesting and important area of plant biology. It is also a very difficult area to write about, because it is a very complex and rapidly changing field. The present article is the result of my efforts to write a review of the field, and it is intended to be a summary of the state of knowledge at the time of writing. The article is divided into four main sections: 1) Introduction, 2) Photomorphogenesis in general, 3) Cellular aspects of photomorphogenesis, and 4) Regulatory aspects of photomorphogenesis. The first section is a brief introduction to the field, and the second section is a more detailed discussion of the basic principles of photomorphogenesis. The third section is a discussion of the cellular mechanisms involved in photomorphogenesis, and the fourth section is a discussion of the regulatory mechanisms involved in photomorphogenesis. The article is intended to be a summary of the state of knowledge at the time of writing, and it is intended to be a useful reference for anyone interested in the field of photomorphogenesis.

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