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Editorial remarks. Supplying our planet with energy is a process which soon will have to contend with the fact that solar energy is the sole, inexhaustible and regenerable energy source we have. Of course, the numerous technologies devoted to tapping the sun's energy cannot all be valued equally. For this reason, we are pleased that our coordinator, Professor R. Bachofen, has succeeded in bringing together in the following review such multifaceted and critical examinations of how solar energy can be gained from biological systems. The exploitation of conventional fuels - oil, coal, natural gas, uranium - will lead, irrevocably, to the exhaustion of these resources in the next century - if not in the coming decades. True, there are those who see little advantage in expending major efforts to develop solar energy programs when 'the more efficient and simple answer to all energy problems lies in nuclear fusion'. We disagree. Ecological and economic considerations not only justify, they make mandatory intensified research on solar energy - it is this work which will force practical breakthroughs in the generation and harnessing of power for the future. H. M.

New trends in research and utilization of solar energy through biological systems

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This is the final half of a 2 part review on bioenergy, part 1 of which appeared in the January issue of Experientia, pp. 1-66.

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