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Nota di contenuto	<p>Chlorophyll Organization and Energy Transfer in Photosynthesis; Contents; Chairman's opening remarks; Structure and function in photoreaction-centre chlorophyll; Discussion; Properties of chlorophyll on plasticized polyethylene particles; Discussion; The preparation and characterization of different types of light-harvesting pigment-protein complexes from some purple bacteria; Discussion; Chlorophyll-protein complexes of brown algae: P700 reaction centre and light-harvesting complexes; Discussion; Resonance Raman spectroscopy of chlorophyll-protein complexes; Discussion</p> <p>The field of possible structures for the chlorophyll a dimer in photosystem I of green plants delineated by polarized photochemistry Discussion; Effects of ions and gravity forces on the supramolecular organization and excitation energy distribution in chloroplast membranes; Discussion; Fluorescence of light-harvesting chlorophyll a/b-protein complexes: implications for the photosynthetic unit; Discussion; Energy transfer in a model of the photosynthetic unit; Discussion; Dynamics of excitons created by a single picosecond pulse; Discussion</p> <p>Chlorophyll orientation and exciton migration in the photosynthetic</p>

membrane Discussion; Tripartite and bipartite models of the photochemical apparatus of photosynthesis; Discussion; Picosecond fluorescence from photosynthetic systems *in vivo*; Discussion; Energy transfer and its dependence on membrane properties; Discussion; Quenching of chlorophyll fluorescence and photochemical activity of chloroplasts at low temperature; Discussion; Transfer and trapping of excitation energy in photosystem II; Discussion; General discussion; Some retrospective comments; Manganese and the evolution of oxygen The state of chlorophyll in photosystem I, photosystem II and the light-harvesting unit Grosser structure of chlorophyll-protein complexes; Comparison of the Pailletin-Swenberg kinetic theory and the Searle-Tredwell empirical treatment; Index of contributors; Subject index
