

SUBJECT INDEX

- Actin**
Mg-polymer of ——— formed under the influence of β -actinin (Kamiya et al.) (256) 120
- β -Actinin**
Mg-polymer of actin formed under the influence of ——— (Kamiya et al.) (256) 120
- F-Actin**
Nucleotide exchange on the ——— component of muscle fibrils in the states of contraction, relaxation, and rigor. The exchange as argument in the discussion of the contractile mechanism (Appenheimer et al.) (256) 681
- Actomyosin**
Contractile protein possessing Ca^{2+} sensitivity (natural ———) from leucocytes. Its extraction and some of its properties (Shibata et al.) (265) 565
- Actomyosin-like protein**
——— from brain: Separation and characterization of the actin-like component (Puszkin, Berl) (256) 695
- Anabaena**
Absence of Photosystem II in heterocysts of the blue-green alga ——— (Donze et al.) (256) 157
- Anabaena variabilis**
Further studies on the oxygen-reducing system of ——— (Honeycutt, Krogmann) (256) 467
- 2-Anilinothiophenes**
Action of ——— as accelerators of the deactivation reactions in the water-splitting enzyme system of photosynthesis (Renger) (256) 428
- Antimycin**
Allosteric binding of ——— to cytochrome b in the mitochondrial membrane (Berden, Slater) (256) 199
- ATP**
Differential response of mitochondrial and glyoxysomal citrate synthase to ——— (Axelrod, Beevers) (256) 175
- ATP**
Effect of ——— on the EPR spectrum of phosphorylating sub-mitochondrial particles (Slater et al.) (256) 14
- ATP**
Effect of ——— on the apparent mid-point potentials of cytochrome b and cytochrome c in beef-heart mitochondria (Berden et al.) (256) 594
- ATPase**
Reaction of 2-bromoacetamide-4-nitrophenol with heavy meromyosin ——— (Uchida et al.) (256) 132
- ATPase**
Studies on flagellar ——— from sea urchin spermatozoa: I. Purification and some properties of the enzyme (Ogawa, Mohri) (256) 142
- ATP synthesis**
Evidence for chemiosmotic coupling of electron transport to ——— in spinach chloroplasts (Telfer, Evans) (256) 625
- Azotobacter vinelandii**
Nitrogenase. I. Repression and derepression of the iron-molybdenum proteins and iron proteins of nitrogenase in ——— (Shan et al.) (256) 498
- Azotobacter vinelandii**
Nitrogenase. II. Changes in the EPR signal of Component I (iron-molybdenum protein) of ——— nitrogenase during repression and derepression (Davis et al.) (256) 512
- Bacillus subtilis**
Cytochrome system of cytoplasmic membranes and mesosomal membranes of ——— (Ferrandes, Chaix) (256) 548
- Bioluminescence**
Studies on the ——— of *Renilla reniformis*. XI. Location of the sulphate group in luciferyl sulphate (Hori et al.) (256) 638
- Brain**
Actomyosin-like protein from ———: Separation and characterization of the actin-like component (Puszkin, Berl) (256) 695
- 2-Bromoacetamide-4-nitrophenol**
Reaction of ——— with heavy meromyosin ATPase (Uchida et al.) (256) 132
- Calcium transport**
Effect of ruthenium red on ——— and respiration in rat liver mitochondria (Vasington et al.) (256) 43
- Carbon metabolism**
Regulatory effects of ammonia on ——— in *Chlorella pyrenoidosa* during photosynthesis and respiration (Kanazawa et al.) (256) 656
- Chemiosmotic coupling**
Evidence for ——— of electron transport to ATP synthesis in spinach chloroplasts (Telfer, Evans) (256) 625
- Chlorella**
Limiting reaction between two photoreactions of System II in ——— (Bouges) (256) 381
- Chlorella pyrenoidosa**
Changes in oxygen evolution induced by a long preillumination at 650 nm with ——— (Delrieu) (256) 293
- Chlorella pyrenoidosa**
Regulatory effects of ammonia on carbon

- metabolism in — during photosynthesis and respiration (Kanazawa et al.) (256) 656
- Chlorophyll
 — chlorophyll and chlorophyll water interactions in the solid state (Ballschmiter, Katz) (256) 307
- Chloroplast
 Absorbance changes at 520 nm caused by salt addition to — suspensions in the dark (Strichartz, Chance) (256) 71
- Chloroplast
 Electrical transients of a — bimolecular lipid membrane elicited by light flashes (Huebner, Tien) (256) 300
- Chloroplast fluorescence
 High-potential cytochrome b₅₅₉ as a secondary quencher of — in the presence of 3-(3,4-dichlorophenyl)-1,1-dimethylurea (Cramer, Böhme) (256) 358
- Chloroplast grana
 Photochemical activity and structural studies of photosystem derived from — and stroma lamellae (Arntzen et al.) (256) 85
- Chloroplasts
 Actions of tetraphenylboron on the electron flow in Photosystem II of isolated — (Homann) (256) 336
- Chloroplasts
 Evidence for chemiosmotic coupling of electron transport to ATP synthesis in spinach — (Telfer, Evans) (256) 625
- Chloroplasts
 Evidence for electronic and ionic interaction between electron transport chains in — (Siggel et al.) (256) 328
- Chloroplasts
 Light-induced absorbance changes of P₅₁₈ in intact — (Larkum, Bonner) (256) 396
- Chloroplasts
 Light-induced oxidation of cytochrome f in isolated — of *Pisum sativum* (Larkum, Bonner) (256) 385
- Chloroplasts
 Light requirements for proton movement by isolated — as measured by the bromocresol purple indicator (Heath) (256) 645
- Chloroplasts
 Pigment systems and electron transport in —. II. Emerson enhancement in broken spinach chloroplasts (Sun, Sauer) (256) 409
- Chromatophore fractions
 Purification and properties of a photosynthetic reaction center isolated from various — of *Rhodospseudomonas spheroides* Y (Reiss-Husson, Jolchine) (256) 440
- Citrate synthase
 Differential response of mitochondrial and glyoxysomal — to ATP (Axelrod, Beevers) (256) 175
- Clostridium pasteurianum*
 Circular dichroism spectra of hydrogenase from — (Multani, Mortenson) (256) 66
- Contractile protein
 — possessing Ca²⁺ sensitivity (natural actomyosin) from leucocytes. Its extraction and some of its properties (Shibata et al.) (256) 565
- Cyanide
 Biochemical and biophysical studies on cytochrome aa₃. VI. Reaction of — with oxidized and reduced enzyme (Van Buuren et al.) (256) 258
- Cyanide
 Biochemical and biophysical studies on cytochrome aa₃. V. Binding of — to cytochrome aa₃ (Van Buuren et al.) (256) 243
- Cyanide
 Control of energy metabolism in platelets. The effects of thrombin and — on glycolysis (Detwiler) (256) 163
- Cyanidium caldarium
 Effect of heat treatment on the activity in vitro of nitrate reductase from — (Rigano, Violante) (256) 524
- Cytochrome
 Extraction and purification of ¹H, ²H, and isotope hybrid algal —, ferredoxin and flavoprotein (Crespi et al.) (256) 611
- Cytochrome aa₃
 Biochemical and biophysical studies on —. IV. Some properties of oxygenated cytochrome aa₃ (Tiesjema et al.) (256) 32
- Cytochrome aa₃
 Biochemical and biophysical studies on —. V. Binding of cyanide to cytochrome aa₃ (Van Buuren et al.) (256) 243
- Cytochrome aa₃
 Biochemical and biophysical studies on —. VI. Reaction of cyanide with oxidized and reduced enzyme (Van Buuren et al.) (256) 258
- Cytochrome b
 Allosteric binding of antimycin to — in the mitochondrial membrane (Berden, Slater) (256) 199
- Cytochrome b
 Effect of ATP on the apparent mid-point potentials of — and cytochrome c in beef-heart mitochondria (Berden et al.) (256) 594
- Cytochrome b₅₅₉
 Retarded reduction of — following the aerobic-anaerobic transition of intact rat liver mitochondria (Wohlrab, Degn) (256) 216
- Cytochrome b₅₅₉
 High-potential — as a secondary quencher of chloroplast fluorescence in the presence of 3-(3,4-dichlorophenyl)-1,1-dimethylurea (Cramer, Böhme) (256) 358
- Cytochrome b₅₅₉
 Photoreduction of — in a Photosystem II subchloroplast particle (Ke et al.) (256) 345

- Cytochromes b
Effect of pH on ——— in ATP-Mg sub-mitochondrial particles (Lee, Slater) (256) 587
- Cytochromes b
Reduction kinetics of ——— (Boveris et al.) (256) 223
- Cytochrome c
Convenient micromethod for the estimation of mitochondrial ——— (Slack, Bursell) (256) 287
- Cytochrome c
Effect of ATP on the apparent mid-point potentials of cytochrome b and ——— in beef-heart mitochondria (Berden et al.) (256) 594
- Cytochrome c
——— interaction with the mitochondrial membrane: A spin label study (Azzi et al.) (256) 619
- Cytochrome f
Light-induced oxidation of ——— in isolated chloroplasts of *Pisum sativum* (Larkum, Bonner) (256) 385
- Cytochrome oxidase
Haeme-haeme interaction in ——— (Wilson et al.) (256) 277
- Cytochrome system
——— of cytoplasmic membranes and mesosomal membranes of *Bacillus subtilis* (Ferrandes, Chaix) (256) 548
- Cytoplasmic membranes
Cytochrome system of ——— and mesosomal membranes of *Bacillus subtilis* (Ferrandes, Chaix) (256) 548
- Electron flow
Actions of tetraphenylboron on the ——— in Photosystem II of isolated chloroplasts (Homann) (256) 336
- Electron transport
Evidence for chemiosmotic coupling of ——— to ATP synthesis in spinach chloroplasts (Telfer, Evans) (256) 625
- Electron transport
Pigment systems and ——— in chloroplasts. II. Emerson enhancement in broken spinach chloroplasts (256) 409
- Electron transport chains
Evidence for electronic and ionic interaction between ——— in chloroplasts (Siggel et al.) (256) 328
- Emerson enhancement
Pigment systems and electron transport in chloroplasts. II. ——— in broken spinach chloroplasts (Sun, Sauer) (256) 409
- Energy metabolism
Control of ——— in platelets. The effects of thrombin and cyanide on glycolysis (Detwiler) (256) 163
- Energy transfer
Reaction centre preparations of *Rhodospseudomonas spheroides*: ——— and structure (Slooten) (256) 452
- EPR
Nitrogenase. II. Changes in the ——— signal of Component I (iron-molybdenum protein) of *Azotobacter vinelandii* nitrogenase during repression and derepression (Davis et al.) (256) 512
- EPR studies
Bacterial nitrate reductases: ——— nitrate reductase A from *Micrococcus denitrificans* (Forget, DerVartanian) (256) 600
- Escherichia coli*
Study on chlorate-resistant mutants of ——— K12. IV. Isolation, purification and study of nitrate reductase restored in vitro by complementation (Azoulay et al.) (256) 670
- Ferredoxin
Effect of ——— on bacterial photophosphorylation (Shanmugam, Arnon) (256) 487
- Ferredoxin
Extraction and purification of ^1H , ^2H , and isotope hybrid algal cytochrome, ——— and flavoprotein (Crespi et al.) (256) 611
- Ferredoxins
——— in light- and dark-grown photosynthetic cells with special reference to *Rhodospirillum rubrum* (Shanmugam et al.) (256) 477
- Flagellar ATPase
Studies on ——— from sea urchin spermatozoa: I. Purification and some properties of the enzyme (Ogawa, Mohri) (256) 142
- Flavoprotein
Extraction and purification of ^1H , ^2H , and isotope hybrid algal cytochrome, ferredoxin and ——— (Crespi et al.) (256) 611
- Fluorescence
High-potential cytochrome b-559 as a secondary quencher of chloroplast ——— in the presence of 3-(3,4-dichlorophenyl)-1,1-dimethylurea (Cramer, Böhme) (256) 358
- Glycolysis
Control of energy metabolism in platelets. The effects of thrombin and cyanide on ——— (Detwiler) (256) 163
- Glyoxysomal
Differential response of mitochondrial and ——— citrate synthase to ATP (Axelrod, Beevers) (256) 175
- Haeme-haeme interaction
——— in cytochrome oxidase (Wilson et al.) (256) 277
- Hydrogenase
Circular dichroism spectra of ——— from *Clostridium pasteurianum* W5 (Multani, Mortenson) (256) 66
- Iron-molybdenum proteins
Nitrogenase. I. Repression and derepression of the ——— and iron proteins of nitrogenase in *Azotobacter vinelandii* (Shah et al.) (256) 498
- Iron-molybdenum protein
Nitrogenase. II. Changes in the EPR signal of Component I (———) of *Azotobacter vinelandii* nitrogenase during repression and derepression (Davis et al.) (256) 512

- Iron proteins**
 Nitrogenase. I. Repression and derepression of the iron-molybdenum proteins and ——— of nitrogenase in *Azotobacter vinelandii* (Shah et al.) (256) 498
- Iron-sulphur proteins**
 ——— in the succinate oxidase system (Albracht et al.) (256) 1
- Leucocytes**
 Contractile protein possessing Ca^{2+} sensitivity (natural actomyosin) from ———. Its extraction and some of its properties (Shibata et al.) (265) 565
- Light-induced absorbance changes**
 ——— of P518 in intact chloroplasts (Larkum, Bonner) (256) 396
- Light-induced oxidation**
 ——— of cytochrome f in isolated chloroplasts of *Pisum sativum* (Larkum, Bonner) (256) 385
- Light requirements**
 ——— for proton movement by isolated chloroplasts as measured by the bromocresol purple indicator (Heath) (256) 645
- Luciferyl sulphate**
 Studies on the bioluminescence of *Renilla reniformis*. XI. Location of the sulphate group in ——— (Hori et al.) (256) 638
- Membrane**
 Electrical transients of a chloroplast bimolecular lipid ——— elicited by light flashes (Huebner, Tien) (256) 300
- Membranes**
 Protein composition of intact and fractionated ——— isolated from dark and light grown cells of a blue green mutant of *Rhodospirillum rubrum* (BG₁) (Kerber et al.) (256) 108
- Meromyosin ATPase**
 Reaction of 2-bromoacetamide-4-nitrophenol with heavy ——— (Uchida et al.) (256) 132
- Mesosomal membranes**
 Cytochrome system of cytoplasmic membranes and ——— of *Bacillus subtilis* (Ferrandes, Chaix) (256) 548
- Metarhodopsin II₃₈₀**
 Thermal decay of ——— in the frog retina (Gedney, Ostroy) (256) 577
- Micrococcus denitrificans**
 Bacterial nitrate reductases: EPR studies on nitrate reductase A from ——— (Forget, DerVartanian), (256) 600
- Mitochondria**
 'Crystal - like structures' of boiled beef heart ——— (Popinigis et al.) (256) 607
- Mitochondria**
 Effect of ATP on the apparent mid-point potentials of cytochrome b and cytochrome c in beef-heart ——— (Berden et al.) (256) 594
- Mitochondria**
 Effect of ruthenium red on calcium transport and respiration in rat liver ——— (Vasington et al.) (256) 43
- Mitochondria**
 Redox states of respiratory-chain components in rat-liver ——— III. 'Cross-over points' in site III (Grimmelikhuijzen, Slater) (256) 24
- Mitochondria**
 Retarded reduction of cytochrome b₁ following the aerobic-anaerobic transition of intact rat liver ——— (Wohlrab, Degn) (256) 216
- Mitochondrial**
 Differential response of ——— and glyoxysomal citrate synthase to ATP (Axelrod, Beevers) (256) 175
- Mitochondrial cytochrome c**
 Convenient micromethod for the estimation of ——— (Slack, Bursell) (256) 287
- Mitochondrial membrane**
 Allosteric binding of antimycin to cytochrome b in the ——— (Berden, Slater) (256) 199
- Mitochondrial membrane**
 Cytochrome c interaction with the ———: A spin label study (Azzi et al.) (256) 619
- Mitochondrial membrane**
 Proton translocation and potassium ion translocation across the ——— of respiring and respiration-deficient yeasts (Kovac et al.) (256) 55
- Mitochondrial particles**
 The effect of ATP on the ERP spectrum of phosphorylating sub-—— (Slater et al.) (256) 14
- Molybdenum**
 Role of ——— in the synthesis of Neurospora nitrate reductase (Subramanian, Sorger) (256) 533
- Muscle fibrils**
 Nucleotide exchange on the F-Actin component of ——— in the states of contraction, relaxation, and rigor. The exchange as argument in the discussion of the contractile mechanism (Appenheimer et al.) (256) 681
- Neurospora**
 Role of molybdenum in the synthesis of ——— nitrate reductase (Subramanian, Sorger) (256) 533
- Nitrate reductase**
 Effect of heat treatment on the activity in vitro of ——— from *Cyanidium caldarium* (Rigano, Violante) (256) 524
- Nitrate reductase**
 Role of molybdenum in the synthesis of Neurospora ——— (Subramanian, Sorger) (256) 533
- Nitrate reductase**
 Study on chlorate-resistant mutants of *Escherichia coli* K12. IV. Isolation, purification and study of ——— restored in vitro by complementation (Azoulay et al.) (256) 670
- Nitrate reductases**
 Bacterial ———: EPR studies on nitrate reductase A from *Micrococcus denitrificans* (Forget, DerVartanian) (256) 600

- Nitrogenase
 ——— II. Changes in the EPR signal of Component I (iron-molybdenum protein) of *Azotobacter vinelandii* nitrogenase during repression and derepression (Davis et al.) (256) 512
- Nitrogenase
 ——— I. Repression and derepression of the iron-molybdenum proteins and iron proteins of nitrogenase in *Azotobacter vinelandii* (Shah et al.) (256) 498
- Oxidative phosphorylation
 Phosphate acceptor specificity during ——— in submitochondrial particles (Vallin, Lundberg) (256) 179
- Oxygen evolution
 Changes in ——— induced by a long preillumination at 650 nm with *Chlorella pyrenoidosa* (Delrieu) (256) 293
- Oxygen-reducing system
 Further studies on the ——— of *Anabaena variabilis* (Honeycutt, Krogmann) (256) 467
- P518
 Light-induced absorbance change of ——— in intact chloroplasts (Larkum, Bonner) (256) 396
- Phosphate acceptor specificity
 ——— during oxidative phosphorylation in submitochondrial particles (Vallin, Lundberg) (256) 179
- Phosphate acceptor specificity
 NAD⁺-induced ——— in submitochondrial systems (Vallin, Lundberg) (256) 191
- Phosphorylating sub-mitochondrial particles
 The effect of ATP on the QPR spectrum of ——— (Slater et al.) (256) 14
- Photochemical activity
 ——— and structural studies of photosystem derived from chloroplast grana and Stroma lamellae (Arntzen et al.) (256) 85
- Photophosphorylation
 Effect of ferredoxin on bacterial ——— (Shanmugam, Arnon) (256) 487
- Photoreactions
 Limiting reaction between two ——— of System II in *Chlorella* (Bouges) (256) 381
- Photoreduction
 ——— of cytochrome b_{559} in a Photosystem-II subchloroplast particle (Ke et al.) (256) 345
- Photosynthesis
 Action of 2-anilinothiophenes as accelerators of the deactivation reactions in the water-splitting enzyme systems of ——— (Renger) (256) 428
- Photosynthesis
 Regulatory effects of ammonia on carbon metabolism in *Chlorella pyrenoidosa* during ——— and respiration (Kanazawa et al.) (256) 656
- Photosynthetic cells
 Ferredoxins in light- and dark-grown ——— with special reference to *Rhodospirillum rubrum* (Shanmugam et al.) (256) 477
- Photosynthetic chain
 Reaction kinetics of intermediates of the ——— between the two photosystems (Amesz et al.) (256) 370
- Photosynthetic reaction center
 Purification and properties of a ——— isolated from various chromatophore fractions of *Rhodopseudomonas spheroides* Y (Reiss-Husson, Jolchine) (256) 440
- Photosystem
 Photochemical activity and structural studies of ——— derived from chloroplast grana and stroma lamellae (Arntzen et al.) (256) 85
- Photosystem II
 Absence of ——— in heterocysts of the blue-green alga *Anabaena* (Donze et al.) (256) 157
- Photosystem II
 Actions of tetraphenylboron on the electron flow in ——— of isolated chloroplasts (Homann) (256) 336
- Photosystem-II subchloroplast particle
 Photoreduction of cytochrome b_{559} in a ——— (Ke et al.) (256) 345
- Photosystems
 Reaction kinetics of intermediates of the photosynthetic chain between the two ——— (Amesz et al.) (256) 370
- Pigment systems
 ——— and electron transport in chloroplasts. II. Emerson enhancement in broken spinach chloroplasts (Sun, Sauer) (256) 409
- Pisum sativum*
 Light-induced oxidation of cytochrome f in *Pisum sativum*
 Light-induced oxidation of cytochrome f in isolated chloroplasts of ——— (Larkum, Bonner) (256) 385
- Platelets
 Control of energy metabolism in ———. The effects of thrombin and cyanide on glycolysis (Detwiler) (256) 163
- Potassium ion translocation
 Proton translocation and ——— across the mitochondrial membrane of respiring and respiration-deficient yeasts (Kovac et al.) (256) 55
- Protein composition
 ——— of intact and fractionated membranes isolated from dark and light grown cells of a blue green mutant of *Rhodospirillum rubrum* (BG₁) (Kerber et al.) (256) 108
- Proton movement
 Light requirements of ——— by isolated chloroplasts as measured by the bromocresol purple indicator (Heath) (256) 645
- Proton translocation
 ——— and potassium ion translocation across the mitochondrial membrane of respiring and respiration-deficient yeasts (Kovac et al.) (256) 55
- Reaction centre

- preparations of *Rhodospseudomonas spheroides*: Energy transfer and structure (Slooten) (256) 452
- Reaction kinetics
- of intermediates of the photosynthetic chain between the two photosystems (Amesz et al.) (256) 370
- Renilla reniformis*
- Studies on the bioluminescence of ———.
- XI. Location of the sulphate group in luciferyl sulphate (Hori et al.) (256) 638
- Respiration
- Effect of ruthenium red on calcium transport and ——— in rat liver mitochondria (Vasington et al.) (256) 43
- Respiration
- Regulatory effects of ammonia on carbon metabolism in *Chlorella pyrenoidosa* during photosynthesis and ——— (Kanazawa et al.) (256) 656
- Respiratory-chain
- Redox states of ——— components in rat-liver mitochondria. III. 'Cross-over points' in site III (Grimmelikhuijzen, Slater) (256) 24
- Respiration-deficient yeasts
- Proton translocation and potassium ion translocation across the mitochondrial membrane of respiring and ——— (Kovac et al.) (256) 55
- Retina
- Thermal decay of metarhodopsin II₃₈₀ in the frog ——— (Gedney, Ostroy) (256) 577
- Rhodospseudomonas spheroides*
- Purification and properties of a photosynthetic reaction centre isolated from various chromatophore fractions of ——— Y (Reiss-Husson, Jolchine) (256) 440
- Rhodospseudomonas spheroides*
- Reaction centre preparations of ———: Energy transfer and structure (Slooten) (256) 452
- Rhodospseudomonas spheroides*
- Ubiquinone homologue of the green mutant of ——— (Peters, Cellarius) (256) 544
- Rhodospirillum rubrum*
- Ferredoxins in light- and dark-grown photosynthetic cells with special reference to ——— (Shanmugam et al.) (256) 477
- Rhodospirillum rubrum*
- Protein composition of intact and fractionated membranes isolated from dark and light grown cells of a blue green mutant of ——— (BG₁) (Kerber et al.) (256) 108
- Riboflavin
- Complexing of ——— with the enolate form of barbituric acid (Gorodetsky et al.) (256) 582
- Ruthenium red
- Effect of ——— on calcium transport and respiration in rat liver mitochondria (Vasington et al.) (256) 43
- Submitochondrial particles
- Effect of pH on cytochromes b in ATP-Mg ——— (Lee, Slater) (256) 587
- Submitochondrial particles
- Phosphate acceptor specificity during oxidative phosphorylation in ——— (Vallin, Lundberg) (256) 179
- Submitochondrial systems
- NAD⁺-induced phosphate acceptor specificity in ——— (Vallin, Lundberg) (256) 191
- Succinate oxidase system
- Iron-sulphur proteins in the ——— (Albracht et al.) (256) 1
- System II
- Limiting reaction between two photoreactions of ——— in *Chlorella* (Bouges) (256) 381
- Tetraphenylboron
- Action of ——— on the electron flow in Photosystem II of isolated chloroplasts (Homann) (256) 336
- Thermal decay
- of metarhodopsin II₃₈₀ in the frog retina (Gedney, Ostroy) (256) 577
- Thrombin
- Control of energy metabolism in platelets. The effects of ——— and cyanide on glycolysis (Setwiler) (256) 163
- Ubiquinone
- homologue of the green mutant of *Rhodospseudomonas spheroides* (Peters, Cellarius) (256) 544
- Water-splitting enzyme system
- Action of 2-anilionothiophenes as accelerators of the deactivation reactions in the ——— of photosynthesis (Renger) (256) 428