

BIBLIOGRAPHY

- Adamson, I. And Abigor, R. (1980) : Transformation associated with catecholase in *Dioscorea alata* during Storage. *Phytochemistry*, 19 : 1593-1595.
- Algeus, S. (1948) : The utilization of glycol by *Chlorella vulgaris*. *Physiol. Plant.* 1 : 236-244.
- Anhosur, K.H. and Naik, S.T. (1986) : Changes in the sugar and phenol contents of roots and stalks of sorghum due to ^M*macrophomia phaseolina* infection. *Indian Phytopathol.*, 39(3) : 440-441.
- Arnon, D.L. (1949) : Copper enzyme in isolated chloroplasts. Polyphenol oxidase in *Beta vulgaris*. *Plant Physiology*, 24 : 1-15.
- Ashrat, Shabbir; Prakash Dharendra and Mahamod Irshad (1986) : Biochemical changes in roots of Triticale with *Puccinia* ^d*décondita*, *Natl. Acad. Sci. Lett. (India)*, 9(7) : 193-94.
- Basra, R.K., Kaur, S. and Dhillion, M. (1985) : Anatomical and biochemical studies of the resistance and susceptibility of groundnut var. to *Cercospora* leaf spot, *Ann. Biol.*, 1(1) : 7-12.
- Beniwal, M.S. and Satyavir (1989) : Effect of red rot on juice quality of sugarcane, *Indian Phytopath.*, 42(2) : 292.
- Bhargav, K.S., Joshi, R.D. and Kamal, M. (1966) : Occurrence of *Cephaleuros* in Gorakhpur. *Indian Forest.* 92 : 589-90.
- Bilgrami, K.S. and Dube, H.C. (1976) : A Text book of Modern plant Pathology, Vikas Publishing House, new Delhi, 132.

- Bischoff and Bold (1963) : cited from – “A Text book of Algae” by Pandey and Trivedi, Vikas Publ. New Delhi, pp. 310.
- *Blink, L.R. (1954) : “In automatic microorganism” ed. B.A. Fry and J.L. Peel, p. 224, London : Cambridge University Press.
- Brownwell, F.E. and Crossland, C.J. (1972) : The requirement for sodium is a micronutrient by species having the C₄ dicarboxyle photosynthetic pathway. *Plant Physiol.*, 49 : 794-97.
- Block, R.J.E., C. Durrum and G. Zweig (1955) : A manual of Paper Chromatography. Academic Press Publi.
- Bowden, R.L. and Rouse, D.T. (1987) : Effect of *Verticillium dahliae* on photosynthesis and transpiration of potato. *Phytopath.*, 77 : 1703.
- Butler, E.J. (1934) : Note on the incidence of Cacao diseases in the British Colonial empire and the steps being taken to investigate and control them. *Bull. Official, Office Int. Fabric. Chocolat Cacao* 4 : 121-25.
- Butler, E.J. (1973) : Fungi and Diseases in plants. Eds. B. Singh and M.P. Singh Pb. Periodical experts, Dehradun, pp. 547.
- Carroll, T.W. and Kosuge, T. (1969) : Changes in structure of chloroplast accompanying necrosis of tobacco leaves systematically infected with tobacco mosaic virus. *Phytopathology*, 59 : 953-62.
- Challice, J.S. and Williams, A.H. (1970) : A comparative biochemical study of phenolase specificity in *Malus pyrus* and other plants. *Phytochemistry*, 9 : 1261-1269.

- Chapman, R.L. and Good, B.H. (1976) : Observation on the morphology and taxonomy of *Phycopeltis hawaiiensis* King (Chroolepidaceae) *Pat. Sci.* 30 : 187-195.
- Chowdary, Y.B.K., Jose, G. (1979) : Biology of *Cephaleuros kunze* in nature. *Phykos* : 18 (1 and 2) : 1-9.
- Chapman, R.L. (1984) : An assessment of the current state of our knowledge of the Trentepohliaceae. In : Systematics of the green algae (Eds. D.E.G. Irvine and D.M. John. Pb. Academic Press London, pp. 232-250.
- Ciha, A.J. and Brun, W.A. (1975) : Stomatal size and frequency in soybeans, *Crop. Sci.* 15 : 309-13.
- *Cunningham, D.D. (1879) : On *Mycoidea parasitica*, a new genus of parasitic algae, and the part which it plays in the formation of certain lichens. *Trans. Linn. Soc., London* (2) 1 : 301-316.
- *Cunningham, D.D. (1897) : On certain diseases of fungal and algal origin affecting economic plants in India. *Sci. Mem. Med. Officers Army India*, 10 : 95-130.
- Dalvi, M.N. and Sardeshpande, J.S. (1993) : Studies on Red Rust Disease of Mango. *J. Maharashtra. Agric. Univ.* 18(2) : 199-201.
- Dhingra, P.K.; Chauhan, Nirmal and Chauhan, S.V. (1982) : Biochemical changes in the floral parts of *Brassica campestris* infected by *Albugo candida*, *Indian Phytopath.*, 35(1) : 177-79.

- Dhumal, K.N. (1983) : Physiological studies in sugarcane (comparative physiological studies in healthy and GSD affected sugarcane cvs Co 419 and Co 740), Ph.D. thesis, Shivaji University, Kolhapur (India).
- Dilcher, D.L. (1962) : *Phycopeltis* – An alga epiphytic on Eocene leaves. *Am. J. Bot.* 49 : 669 Abstr. in Italic
- *Eaton, S.V. (1949) : Effect of phosphorus deficiency on growth and metabolism of sunflower. *Botanical Gazette*, 110 : 449-464.
- Eesvelde, V.S., Liau, S.S. and Van-Damme, P. (1993) : Epiphytic and parasitic algae Trentepohliaceae on oil palm (*Elaeis guineensis*). *Mededelingen Faculteit Landbouwkundige en Toegepaste Biologische wet. Univ. Gent.*, 58 (3A) : 1033-1039.
- Folin, O. and Denis, W. (1915) : A colorimetric method for the determination of phenols (and phenol derivatives) in urine. *J. Biol. Chem.*, 22 : 305-308.
- Fritsch, F.E. (1965) : The structure and reproduction of the algae vol. I original
1st
edi 1935
Cambridge Univ. Press, ^{reprinted} pp. 791.
- Ghorpade, L.N. (1982) : Studies in mineral nutrition and photosynthesis in sugarcane, Ph.D. thesis, Shivaji University, Kolhapur (India).
- Glass, A.D.M. and B.A. Bohm. (1969) : The accumulation of cinnamic acid benzoic acid derivatives in *Pteridium aquilinum* and *Anthyrium felix-femina*, *Phytochem.* 8 : 371-377.
- Goel, A.K.; Kumar, S. and Tayal, M.S. (1983) : Biochemical alteration induced in *Coriandrum sativum* L. By *Protomyces macrosporus* Unger. *Indian Bot. Repr.*, 2(1) : 62-64.

- Goodwin, T.W. (1976) : Distribution of carotenoids In : Chemistry and Biochemistry of plant pigment Vol.1 (Ed. T.W. Goodwin) Pb. Academic Press, New York, London, pp. 225-261.
- Gupta, K.C., Roy, A.N. and Sharma, R.B. (1988) : Sugar and N content in healthy and GSD affected leaves of sugarcane, *Indian J. Mycol. Pl. Pathol.* 17(1) : 95-96.
- Hawk, P.B., Oser, B.L. and Summerson, W.H. (1948) : Practical physiological chemistry. Pb. The Blackiston Co., U.S.A. page
- Hegde, B.A. and Karande, S.M. (1978) : Effect of presowing treatment of sodium chloride on the incidence of green ear disease of *Pennisetum typhoides* (Burm) Stapf and Hubbvar HB₃ . *Plant and Soil*, 49(3) : 551-59.
- Hegde, R.K. and Munjal, R.L. (1971) : Physiological changes in bean pods due to infection of *Colletotrichum lindemuthianum*, *Indian Phytopathol.*, 24 : 186-87.
- Iredale, S.E. and Smith, H. (1974) : Properties of phenylalanine ammonialyase extracted from *Cucumis sativus* hypocotyls, *Phytochemistry*, 13 : 575-583.
- Jensen, A. (1978) : In : Handbook of Physiological methods – chlorophylls and carotenoids. Pb. Cambridge Univ. Press, London, pp. 59-70.
- Johri, J.K. and Padhi, S. (1981) : Biochemical changes induced by *Cercospora arachidicola* in groundnut leaves. Third International Symposium on Plant Pathology, New Delhi (Abstr.) pp. 189.

- Jose, G. and Chowdary, Y.B.K. (1979) : Effect of three nitrogen sources on the growth of *Cephaleuros kunze* isolates. *Phykos* : 18 (1 and 2) : 69-72.
- Joshi, R.D., Prakash, J. and Dubey L.N. (1978) : Brown rust – a threat to grape cultivation. *Curr. Sci.*, 47(14) : 516-517.
- Joubert, J.J. and Rijkenberg, F. H. J. (1971) : Parasitic green algae. *Ann. Rev. Phytopathol.* 6 : 45-64.
- Kakie, T. (1969) : Phosphorus fraction in tobacco plants as affected by phosphate application. *Soil Sci. Plant Nutt.*, 15 : 81-85.
- *Karsten, G. (1891) : Untersuchungen fiber die Familie der chroole-Pideen. *Ann. Jard. Bot. De Buitenzorg*, 10 : 1-66.
- Khatri, R.K., Shastry, R.P., Reddy, P.N. and Nema, K.G. (1985) : Metabolic changes in rice leaves infected by *Entyloma* sp., *Indian Phytopathol.* 38(4) : 769-71.
- *Kirchheimer, F. (1942) : *Phycopeltis microthyrioides* n. sp. Eine blattbewohnende Alge aus dem. *Tertiar. Bot. Arch.* 44 : 172-204.
- Mahadevan, A. (1979) : Biochemical aspects of plant disease resistance. *Biochem. Rev.*, 69 : 51-66.
- Mahadevan, A. and Sridhar, R. (1982) : Methods in physiological plant pathology (II Ed.) pb. Sivakami, Indra Nagar, Madras.
- *Mann, H.H. and Hutchinson, C.M. (1907) : *Cephaleuros virescens* kunze., the “red rust” of tea. *Mem. Dep. Agric. India, Bot. Ser.*, 1 : 1-35.
- Marlatt, R.B. and Alfieeri, S.A. (1981) : Host of *Cephaleuros*, a parasitic alga in Florida. *Proc. Fla. State hortic. Soc.*, 94 : 311-317.

- Marshner, H. (1986) : Mineral Nutrition of higher Plants. Pb. Academic Press, London.
- Mayfield, S.P., Nelson, T. and Taylor, W.C. (1986) : The fate of chloroplast proteins during photooxidation in Carotenoid, deficient maize leaves. *Plant Physiol.*, 82 : 760-764.
- McGovern, R.J. and Horst, R.K. (1986) : Chrysanthemum necrosis-I. Etiology and Association of Phenolics, *American Phytopath.*, Soc. Ann. Meeting.
- McGrath, M.T. and Pennypacker, S.P. (1987) : Apperent Photosynthesis, transpiration and stomatal resistance of flag leaves infected with Wheat Stem rust. *Phytopath.* 77.
- Mitchell, D.T. (1982) : Invertase activity in leaf tissues susceptible and resistant to wheat stem rust. *Transactions of the British Mycol. Soc.*, 78(1) : 173-76.
- Mohapatra, N.K. (1982) : Post infection changes in sugar content of groundnut leaves infected with *Cercospora personata*, *Geobios*, 9(5/6) : 246-48.
- Nagaraja, T.G. (1988) : Some enzymatic studies in the leaves of *Mimusops elengi* Linn. After infection with parasitic algae (*Cephaleuros parasiticus* Karst.) *Geobios*, 15 : 181-182.
- Nagaraja, T.G., Sathe, V.D., Kumar, N.N. and Umesh (1986) : Some biochemical change in smilax infected with *Puccinia prainiana*; S Barly. *Geobios*, 13(6) : 278-80.
- Nelson, N. (1944) : A photometric adaptation of the Somogy method for the determination of glucose. *J. Biol. Chem.*, 153 : 375-380.

- Okasha, K.A., Ryugo, K. and Bringhurst, R.S. (1968) : Relationship of tannins polyphenols and reducing sugar to *Verticillium* wilt resistance of strawberry cultivars, *Phytopathol.*, 58 : 1118-1122.
- Padmanabhan, P., Alexander, K.C. and Shanmugum, N. (1988) : Some metabolic changes induced in sugarcane by *Ustilago scitaminae*. *Indian Phytopathol.* 41(4) : 494-98.
- Paily and Menon, R. (1960) : An algal parasite (*Cephaeluros kunze*) on arecanut Paim. *Arecanut J.* 11 : 17-19.
- Parthasarathi, K. (1977) : Physiology of spiked sandal, All Indian Symp. On Physiol. of host Pathogen interaction, Madras, pp. 327-37.
- Pridham, J.B. (1965) : Low molecular weight phenols in higher plants. *Ann. Rev. Plant. Physiolo.*, 16 : 13-36.
- *Printz, H. (1939) : Vorabeiton zu einer Monographic der Trentepoliacean; *Nytt. Mag. F. Naturv.*, 80 : 137-210.
- Printz, H. (1964) : Die chaetophoralen der Binnengewasser. *Hydrobiol.* 24 (1-3) : 1-376.
- Rosen, C.J., Bergman, E.L. and smith, S.H. (1980) : Leaf elemental composition and bean yellow mosaic virus interrelationship in *Phaseolus vulgaris*, *J. Plant.* 2(3) : 283-303.
- Russell, L. and Chapman (1976) : Ultrastructure of *Cephaleuros virescens* (Chroolepidaceae : chlorophyta. 1. scanning electron microscopy of zoosporangia). *Amer. J. Bot.* 63(8) : 1060-1070.
- *Safeulla, K.M. and Govindu, H.C. (1948) : Some new host of *cephaleuros*. *J. Mysore Univ. Sec.*, B.11 : 47-49.

- Saharan, M.R. and Singh, R. (1984) : Flag leaf stomatal frequency and conductance in relation to photosynthesis, RUBP carboxylase and grain yield of field grown wheat genotype. *Indian J. Plant Physiol.*, 27(3) : 223-31.
- Sankpal, S.D. (1981) : Physiological studies in sugarcane (Post infection physiological changes in smut infected sugarcane var. 740). Ph.D. thesis, Shivaji University, Kolhapur (India).
- Santhakumari, P. and Nair, M., Chandra Sekharan (1981) : Post infectinal changes in total carbohydrates and phenolics in the various parts of the leaf spot incited by *Colletotrichum gloeosporiodes* on *Hydrangea hortensia*. *Indian Phytopath.*, 34(4) : 470-71.
- Sasikumaran, S., Kandaswamy, T.K. and Vidhyasekaran, P. (1979) : Physiology of Tomato plants affected by leaf curl virus, *Indian Phytopath.* 32(3) : 352-59.
- Sekine, T., Sasakawa, K., Morita, S., Kimura, T. and Kurolemi, K. (1965) : Photoelectric colorimetry in Biochemistry. Part 2. Pb. Namko-do Publishing Co., Tokyo, pp. 242.
- Singh, B.P. and Phillips, B.A. (1980) : Adaxial and abaxial stomatal frequency in determinate soybeans, *Phyton. Argentina*, 38 : 81-84.
- *Singh, O. and Waraiteh, K.S. (1977) : Metabolic changes induced by *Colletotrichum falcatum* in sugarcane, *Sugarcane Pathol. News.*, 19 *italics* : 7-9.
- Srinivasulu, B. and Jayarajan, R. (1989) : Biochemical alteration in rice leaf components affected with rice tungro virus, *Indian Phytopath.*, 42 (3) : 453-54.

- Srinivasulu, P., Raju, B.C. and Nayudu, m.V. (1981) : Effect of striate mosaic virus infection on nitrogen fractions, Phenols, ascorbic acid and oxidative enzyme of sugarcane (*S. officinarum*) leaves. *Indian J. microbiol.* 21(4) : 351-53.
- Terry, N. and Ulrich (1973) : Effects of potassium deficiency on the photosynthesis and respiration of leaves of sugar beet. *Plant Physiol.*, 51 : 783-786.
- Thind, S.K., Monga, P.K. and Cheema, S.S. (1989) : Some of the biochemical alterations in summer moong infected with mung bean mosaic virus and leaf crinkle virus. *Indian Phytopatho.*, 42(2) : 321.
- Tiffin, L.O. (1972) : Translocation of micronutrients in plants, In : Micronutrients in Agriculture, *Soil Sci. Soc. America, Inc.* Madison, 199-229.
- Toth, S.T., Prince, A.L. Wallace, A. and Mickelson, D.S. (1948) : Rapid quantitative determination of eight mineral elements in plant tissue by systematic procedure involving use of flame photometer. *Soil Sci.*, 66 : 459-466.
- Tunstall, A.G. (1928) : Vegetative parasite of the tea plant (continued). Blight on the stem (continued). *Quart. J. Indian Tea Assoc.*, 4 : 220-31.
- *Tunstall, A.G. (1942) : Red rust. Tocklai Exp. Sta. *Indian Tea Assoc. Mem.* 14 : 1-19.
- Vidhyasekaran, P. and Parambaramani C. (1971) : Carbon metabolism of alga infected plants. *Indian Phytopath.* 24 : 369-374.

- Vidhyasekaran, P. and Paramabaramani, C. (1971) : Nitrogen metabolism of alga infected plants. *Indian Phytopath.* 24 : 500-504.
- Vidhyasekaran, P. and Parambaramani, C. (1972) : Mineral metabolism of alga infected plants. *Indian Phytopath.* 25 : 86-90.
- Wellman, F.L. (1972) : Tropical American Plant Diseases. (Neotropical Phytopathology Problems), Chapter 26, pp. 639-668, Scarecrow Press, Inc. Metuchen, New Jersey.
- *Went, F.A.F.C. (1895) : *Cephaleuros coffeae*, eine neue parasitische chroolepidee. *Zentralbl. Bakt.* 1 : 681-87.
- Yadava, A.S. (1953) : Some new hosts of *Cephaleuros* from Bihar. *Curr. Sci.*, 22 : 280.
- Yadava, A.S. (1955) : Some new hosts of *Cephaleuros* from Bihar. *Curr. Sci.* 24 : 124.
- *Yadava, A.S. and Srivastava, J.G. (1957) : (Abst.) Some new host of *Cephaleuros* from Bihar. Proc. 44th *Indian Sci. Congr.* Pt. 3, 216.

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