

BIBLIOGRAPHY

BIBLIOGRAPHY

- Adhikary S. P. and J. K. Sahu 2000. Survival strategies of Cyanobacteria in the rice fields under drought conditions *Indian Journal of Microbiology* **40** : 53 - 56
- Ahmed S. U. 2001. Distribution pattern of blue green algae in rice field soils of Hojai sub-division of Assam *Phykos* **40** (1and2) : 33 - 38
- Ahmed S. U. 2001. Nitrogen fixing potential of Cyanobacteria isolated from rice field soils of Nagaon sub-division, Assam. *Phykos* **40** (1and2) : 53 - 59
- Ahmed S. U. and M. C. Kalita 2002. Nitrogen fixing potential of BGA isolated from rice field soils of Hojai sub-division, Nagaon, Assam. *Phykos* **41** (1and2) : 17 - 20
- Ahmed S. U. 2001. Studies on application of some potential BGA strains in rice cultivation in pot culture. *Phykos* **40** (1and2) : 149 - 153
- Ahmed S. U., M.C. Kalita, Manab Deka and S. Hazarika, Binay Medhi 1999. Distributional pattern of blue green algae in rice field soils of Nagaon sub - division, Assam. *Phykos* **38** (1and2) : 101-107
- Anand N. and V. Gayathri 1999. Ammonia release by a non-heterocystous filamentous cyanobacterium *Lyngbya spiralis* Gietler (A-6). *Phykos* **38** (1and2) : 27 - 30
- Andersen R. A. 2005. Algal culturing techniques. Elsevier Ac. Press **pp**. 578
- Allosopp, A. 1969. Phylogenetic relationships of prokaryotic and the origin of eukaryotic cell. *New Phytol.* **68** : 591 - 612
- Ara Shoukat, Zargar M. Y. and Khan M. A. 2002. Cyanobacterial diversity in agro-ecosystems of Kashmir. *Phykos* **40** (1and2) : 1 - 5
- Bagchi S. N., D. Kleiner, P. Mohanty. 2010. Protocols on algal and cyanobacterial research. Narosa publishing house, New Delhi. **pp** - 351
- Balakumar T. and V. Ravi 2001. Catalytic degradation of the herbicide glyphosate by the

- Isolation, characterization and electron microscopy analysis of a hemidiscoidal phycobilisome type from the cyanobacterium *Anabaena* sp. PCC 7120. *European Journal of Biochemistry* **236** : 1010 - 1024
- Dubios, M.; G. A Gilles, J. K. Hamilton, P. A. Reberts, And F. Smith, 1956. *Anal. Chem.* **28** : 350
- Echlin P. and Morris 1965. The relationship between bacteria blue green algae and bacteria. *Bio. Rev V. (Cambridge)* 40: 143-187
- Fatma Tasneen and Sabena Sultan 1999. Significance of n-3 polyunsaturated fatty acids and algal potential as its source. *Cyanobacterial and Algal Metabolism and Environmental Biotechnology* **pp.** 49 - 60
- Fatma Tasneen, R. Sarda and L. V. Venkataraman 1999. Evaluation of selected strains of *Spirulina* for their constituents. *Cyanobacterial and Algal Metabolism and Environmental Biotachnology* **pp.**113
- Fatma Tasneen, R. Sarda and L. V. Venkataraman 1999. Cyanobacterial and microalgal Potential as biochemicals. *Cyanobacterial and Algal Metabolism and Environmental Biotachnology* **pp.** 93 - 108
- Fay Peter 1983. *The blue greens.* Pub. Arnold-Heinemann **pp.** 88
- Fogg G. E. 1956. The comparative physiology and biochemistry of blue green algae : *Bacteriol Rev.* **20** (3) : 148 - 165.
- Fritsch F. E. 1945. *The structure and reproduction of the Algae.* vol II Cambridge, 939 p. 2 charts.
- Ghadage S. J. and C. T. Karande 2008. *Chroococcales from Satara District (M.S.).* *Bioinfolet* **5** (4) : 336 - 340
- Giovannoi Stephen J., Turner Sean, Olsen Gary J., Brans Susan, Lane Devid J. and Pace Norman R. 1988. Evolutionary relationships among Cyanobacteria and green chloroplasts . *Journal of Bacteriology* **178** (8) : 3584 - 3592

- Karthikeyan Nanjappan, Radha Prasanna, Lata Nain, Brahma D. Kaushik 2007.
Evaluating the potential of growth promoting cyanobacteria as inoculants for wheat. *European Journal of Soil Biology* **43** : 23 - 30
- Kaushik P. and Abhishek Chauhan 2008. Antibacterial potential of aqueous and organic extracts of *N. commune*: A cyanobacterium *Vegetos*. **21** (1) : 77 - 80
- Kenyon C. N. 1972. Fatty acid composition of unicellular strains of blue green algae. *Journal of bacteriology* **109** (2) : 827 - 834
- Khumanthen Nonibala, Myashree B. Syiem, Arvind K. Singh, Amar Nath Rai 2007.
Isolation and characterization of a *Mastigocladus* species capable of growth, N₂ fixation and N- assimilation at elevated temperatures. *Indian J. Microbiol.* **47** : 345 - 352
- Kumar G. Selva, G. Gopaldaswamy and S. Kannaiyan 2001. Isolation and characterization of cyanobacterial isolates from herbicides applied rice soil. *Phykos* **40** (1and2) : 129 - 133
- Kumawat D. A. and A. K. Jawale 2001. On *Spirulina* Turpin *em* Gardner from fish ponds of Anjale, Maharashtra. *Phykos* **40** (1and2) : 115 - 119
- Lyra Christina, Jarkko Hantula, Eeva Vainio, Jarkko Rapala Leo Rouhiainen, Kaarin Sivonen 1997. Characterization of cyanobacteria by SDS-PAGE of whole-cell protein and PCR/RFLP of the 16s r-RNA gene *Arch. Microbiol* **168** : 176 - 184
- Lyra Christina, Sini Suomalainen, Muriel Gugger Chantal Vezie, Paivi Sundam, Lars Paulin and Kaarina Sivonen 2001. Molecular characterization of planktonic Cyanobacteria of *Anabaena*, *Aphanizomenon*, *Microcystis* and *Planctothrix* genera. *International Journal of Systematic and Evolutionary Microbiology* **51** : 513 - 526
- Martin M. Kulik 1995. The potential for using Cyanobacteria (blue green algae) and algae in the biological control of plant pathogenic bacteria and fungi. *European Journal of Plant Pathology* **101** : 585 - 599

- Nayak Saswati, Radha Prasanna 2007. Soil pH and its role in cyanobacterial abundance and diversity in rice field soils. *Applied Ecology and Environmental research* **5** (2) :103 - 113
- Nayak Saswati, Radha Prasanna, Anjuli Pabby, T.K. Dominic, P. K. Singh 2004. Effect of urea, blue green algae and *Azolla* on nitrogen fixation and chlorophyll accumulation in soil under rice. *Biol. Ferti. Soils* **40** : 67 - 72
- Nayak Saswati, Radha Prasanna, Boddupalli M. Prasanna, Dina B. Sahoo 2007. Analysing diversity among Indian isolates of *Anabaena* (*Nostocales*, *Cyanophyta*) using morphological, physiological and biochemical characters. *World J. Microbiol. Biotechnol.* **23** :1575 - 1584
- Nayak Saswati, Radha Prasanna, T. K. Dominic and P. K. Singh 2001. Floristic abundance and relative distribution of different cyanobacterial genera in rice field soil at different crop growth stages. *Phykos* **37** (1and2) : 15 - 22
- Palinska Katarzyna A., Werner Liesack, Erhard Rhiel Wolfgang E. Krumbein 1996. Phenotype variability of identical genotypes: the need for a combined approach in cyanobacterial taxonomy demonstrated on *Merismopedia*-like isolates. *Arch. Microbiol.* **166** : 224 - 233
- Pandey Usha 2002. Soil Cyanobacteria from arable lands of southern Rajasthan. *Phykos* **41** (1and2) : 7 - 11
- Paul. K. Hayes et al 2007. Un raveling the algae: the past, present and future (Ed.) J. Brodie 2007, CRC Press London.
- Pedurand P. and P. A. Reynaud 1987. Do cyanobacteria enhance germination and growth of rice? *Plant soil* **101** : 235 - 240
- Prasanna R. and B. D. Kaushik 2005. Algal diversity- form Morphology to molecules *Microbial Diversity: Current Perspectives and Potential Applications* (Ed.): T. Satyanarayana and B. N. Johri I. K. International Pvt. Ltd., New Delhi 323 - 344

- cyanobacteria from freshwater streams of Kakoijana reserve forest, Assam, India.
Indian J. Microbiol. **47** : 219 - 232
- Santra S. C.1993. Biology of rice field blue green algae, Publ. Daya publishing house,
New Delhi **pp** : 1 - 184
- Sardeshpande J. S. and S. K. Goyal 1981. Distribution pattern of Blue green algae in rice
field soils of Konkan region of Maharashtra. *Phykos* **20** (1 and 2) : 102 - 106
- Sardeshpande J. S. and S. K. Goyal 1981. Effect of pH on growth and nitrogen fixation
by blue green algae. *Phykos* **20** (1 and 2) : 107 - 113
- Sen C. R. 2001. Association and succession of blue green algae at different growth stages
of rice crop. *Phykos* **40** (1and2) : 120 - 128
- Sen, C. R. and D. Gupta, 1998. The genus *Oscillatoria* voucher from lower Gangetic
plains of west Bengal. *Phykos* **37** (1and2) : 89 - 93
- Sharma Anuradha and Pushpa Srivastava 2002. Comparative electrophoretic profile of
Spirulina fusiformis. *Phykos* **41** (1and2) : 65 - 70
- Shukla S. P. and A. K. Kashyap 2003. An assessment for biopotential of three
cyanobacterial isolates from Antarctic for carotenoid production. *Indian Journal
of Biochemistry and Biophysics* **40** : 362 - 366
- Singh B. V., K. K. Choudhary, Dolly Wattal Dhar and P. K. Singh 2001. Occurrence of
Some Nostocales from 24 Paraganas, West Bengal. *Phykos* **40** (1and2) : 83 - 87
- Singh Y. V. and B. V. Singh 2006. Role of cyanobacteria in organic scented rice In
Glimpses of cyanobacteria (Ed.) Rajankumar Gupta et al, Daya publishing house,
New Delhi. **pp.** 356
- Spiro, R. G. 1966. Analysis of sugars found in glycoproteins. *Methods in Enzymology*
8 : 3 - 26
- Srivastava Renu and D. V. Amla 1997. Glutamine synthetase from N₂ fixing

heterocystous filamentous Cyanobacteria from rice fields of Uttar Pradesh, India.
Phykos **40** (1and2) : 61 - 64

Tiwari O. N., Dolly Wattal Dhar and G. L. Tiwari 2005. Ecological diversification in Cyanobacteria. *Microbial Diversity: Current Perspectives and Potential applications* (Ed.): T. Satyanarayana and B. N. Johri I. K. International Pvt. L td. New Delhi 613 - 640

Trikey J. and S. P. Adhikary 2005. Cyanobacteria in biological soil crusts of India.
Current Science **89** (3) : 515 - 521

Tri-Panji and Suharyanto 2001. Optimization media from low-cost nutrient sources for growing *Spirulina platensis* and carotenoid production (Optimasi media dengan sumber nutrisi murat untuk pertumbuhan dan produksi karotenoid *Spirulina platensis*). *Menara Perkebunan* **69** (1) : 18 - 28

Van Niel, C. B. 1953. Classification and taxonomy of bacteria and blue green algae, 89 - 114 in "A century of progress in natural sciences"-1853 - 1953 Calif. Acad. Scien; SanFransisco.

Whitton, B. A. 1969. The taxonomy of blue green algae. *Br. Phycol. J.* **4** (1) : 121 - 123