

เอกสารอ้างอิง

- กรมป่าไม้. ม.ป.ป. ข้อมูลพื้นฐาน รายงานฉบับแม่นท เตรียมพันธุ์สัตว์ป่าโtonงชาing
จ.สงขลา-สตูล. กรมป่าไม้ กระทรวงเกษตรและสหกรณ์
เมื่ยมศักดิ์ เมนะเสวต. 2539. แหล่งน้ำกับปัญหามลพิษ. พิมพ์ครั้งที่ 7. สำนักพิมพ์จุฬาลงกรณ์
มหาวิทยาลัย. กรุงเทพฯ
- ประกาศคณะกรรมการลิ่งแวดล้อมแห่งชาติ กองมาตรฐานคุณภาพลิ่งแวดล้อม. 2537.
- กำหนดมาตรฐานคุณภาพน้ำในแหล่งน้ำพิวัฒน. ฉบับที่ 8. เล่มที่ 11 ตอนที่ 16 กรุงเทพฯ
วิรัตน์ จิวะเหมย. 2544. ความรู้เบื้องต้นเกี่ยวกับคุณภาพน้ำและการวิเคราะห์คุณภาพน้ำในบ่อ
เพาะเลี้ยงสัตว์น้ำ. สำนักพิมจุฬาลงกรณ์มหาวิทยาลัย. กรุงเทพฯ
- Allan, J. D. 1995. Stream Ecology ; Structure and Function of Running Waters. 1st ed.
London. Kluwer Academic Publisher.
- APHA, AWWA and WEF. 1998. Standard Methods for the Examination of Water and
Wastewater. 20th ed. Washington DC. American Public Health Association.
- APHA, AWWA and WPCF. 1980. Standard Methods for the Examination of Water and
Wastewater. 15th ed. Washington DC. American Public Health Association.
- Barter, H. G. and Carter, J. R. 1996. An Atlas of British Diatoms. Bristol . Biopress Ltd.
- Bergy, E. A. 1999. Crevices as refugia for stream diatoms: effect of crevice size on abraded
substrates. Limnol. Oceanogr. 44(6): 1522 – 1529 .
- Biggs, B. J. F. 1996. Pattern in Benthic Algae of Streams. In Stevenson R.J., Bothwell M. L.
and Lowe R. L. (Eds.). Algal Ecology Freshwater Benthic Ecosystem. London.
Academic Press Inc.
- Biggs, B.J.F. and Close, M.E. 1989. Periphyton biomass dynamics in gravel bed rivers: the
relative effect of flows and nutrients. Freshw. Biol. 22: 209 – 231.
- Biggs, B. J. F. and Smith, R. A. 2002. Taxonomic richness of stream benthic algae: effects of
flood disturbance and nutrients. Limnol. Oceanogr. 47(4) : 1175 – 1186 .
- Borchardt, M.A. 1996. Nutrient. In Stevenson R.J., Bothwell M. L. and Lowe R. L. (Eds.).
Algal Ecology Freshwater Benthic Ecosystem. London. Academic Press Inc.
- Boston, H.L. and Hill, W.R. 1991. Photosynthesis-light relations of stream periphyton
communities. Limnol. Oceanogr. 35(4): 644 – 656.

- Catteneo, A. 1997. Periphyton distribution and abundance on substrata of difference size along a gradient of stream trophy de Montreal. *Hydrobiol.* 354(1): 101-110.
- Cushing, C.E. and Minshall, G. W. and Newbold, J.D. 1993. Transport dynamics of fine particulate organic matter in two Idaho streams. *Limnol. Oceanogr.* 38(6): 1101 – 1115 .
- Davis, J.F. 2002. Factor affecting photosynthetic rates of periphyton in shallow streams of Southeastern Pennsylvania. *Wat. Environ. Res.* 74(4):370 – 376 .
- Davis, L.S., Hoffmann, J.P. and Cook, P.W. 1990. Seasonal succession of algal periphyton from a wastewater treatment facility. *J. Phycol.* 26: 611-617.
- DeNicola, D.M. 1996. Periphyton Response to Temperature at Different Ecological Levels. In Stevenson R.J., Bothwell M. L., Lowe R. L. (Eds.). *Algal Ecology Freshwater Benthic Ecosystem.* London. Academic Press Inc.
- Fairchild, G.W., Lowe, R.L. and Richardson, W.B. 1985. Algal periphyton growth on nutrient – diffusing substrates: an in situ bioassay. *Ecology* 66(2): 465 – 472 .
- Genter, R.B. 1996. Ecotoxicology of Inorganic Chemical Stress to Algae. In Stevenson R.J., Bothwell M. L., Lowe R. L. (Eds.). *Algal Ecology Freshwater Benthic Ecosystem.* London. Academic Press Inc.
- Ghosh, M. and Gaur, J. P. 1998. Current velocity and the establishment of stream algal periphyton communities. *Aquat. Bot.* 60: 1 – 10.
- Hill, W.R. 1996. Effects of Light. In Stevenson R.J., Bothwell M. L., Lowe R. L. (Eds.). *Algal Ecology Freshwater Benthic Ecosystem.* London. Academic Press Inc.
- Hill, W.R. and Knight, A.W. 1988. Nutrient and light limitation of algae in two northern California stream. *J. Phycol.* 24: 125 – 132.
- Hauer, F. R. and Lamberti, G. A. 1996. *Methods in Stream Ecology.* London. Academic Press.
- Ivorra, N., Barranguet, C., Jonker, M., Kraak, M.H.S. and Admiraal, W. 2002. Metal induced tolerance in the fresh water microbenthic diatom *Gomphonema parvulum*. *Environ. Pollution.* 116: 147 – 157 .
- Kelly, M. G. 2003. Short term dynamics of diatoms in an upland stream and implications for monitoring eutrophication. *Environ. Pollution.* 125: 117 – 122 .
- Krammer K., and Lang-Bertalot H. 1986. Bacillariophyceae. Teil 1. Naviculaceae.

- Süßwasserflora von Mitteleuropa. Stuttgart. Gustave Fisher Verlag.
- Krammer K., and Lang-Bertalot H. 1988. Bacillariophyceae. Teil 2. Epithemiaceae, Surirellaceae. Süßwasserflora von Mitteleuropa. Stuttgart. Gustave Fisher Verlag.
- Krammer K., and Lang-Bertalot H. 1991a. Bacillariophyceae. Teil 3. Centrales, Fragilariaeae, Eunotiaceae. Süßwasserflora von Mitteleuropa. Stuttgart. Gustave Fisher Verlag.
- Krammer K., and Lang-Bertalot H. 1991b. Bacillariophyceae. Teil 4. Achnanthaceae. Kritische Ergänzungen zu navicula. Süßwasserflora von Mitteleuropa. Stuttgart. Gustave Fisher Verlag.
- Lamberti, G. A. and Resh, V.H. 1985. Distribution of benthic algae and macroinvertebrates along a thermal stream gradient. *Hydrobiol.* 128: 13 – 21.
- Lee, R. E. 1989. Phycology. 2nd ed. New York. Cambridge University Press.
- Miller, A.R., Lowe, R.L. and Rotenberry, J.T. 1987. Succession of diatom communities on sand grains. *J. Ecol.* 75: 693 – 709.
- Mosisch, T.D. and Bunn, S.E. 1997. Temporal pattern of rainforest stream epilithic algae in relation to flow-related disturbance. *Aquat. Bot.* 58: 181 – 193.
- Mosisch, T.D., Bunn, S.E., Davies, P.M. and Marshall, C.J. 1999. Effect of shade and nutrient manipulation on periphyton growth in a subtropical stream. *Aquat. Bot.* 64: 167 – 177.
- Mosisch, T.D., Bunn,, S. E. and Davies. 2001. The relative importance of shading and nutrients on algal production in subtropical streams. *Freshw. Biol.* 46: 1269 – 1278 .
- Mulholland, P.J. 1992. Regulation of nutrient concentrations in a temperate forest stream: role of upland, riparian and instream process. *Limnol. Oceanogr.* 37(7): 1512 – 1526 .
- Mullner, A. N. and Schagerl, M. 2003. Abundance and vertical distribution of phytobenthic community within a pool and riffle sequence of an alpine gravel stream, Internat. Rev. Hydrobiol. 88(3-4) : 243-254.
- Pan, Y., and Lowe, R.L. 1994. Independent and interactive effects of nutrient and grazers on benthic algal community structure. *Hydrobiologia.* 291: 201-209.
- Passy, S. 2001. Spatial paradigms of lotic diatom distribution: A landscape ecology perspective. *J. Phycol.* 37: 370-378.
- Peerapornpisal, Y., Pekthong, T., Waiyaka, P. and Promkutkaew, S. 2000. Diversity of phytoplankton and benthic algae in Mae Sa Stream, Doi Suthep-Pui National Park,

- Chiang Mai. Nat. Hist. Bull. Siam Soc. 48: 193-211.
- Pekthong, T. 2002. Biodiversity of Benthic Diatoms and Their Application in Monitoring Water Quality of Mae Sa Stream Doi Suthep-Pui National Park Chiangmai. Doctor Philosophy Thesis of Biology. Chiangmai University. Thailand.
- Pekthong, T. and Peerapornpisal, Y. 2001. Fifty one new record species of freshwater diatoms in Thailand. Chiang Mai J. Sci. 28(2): 97-112.
- Peterson, C. G. 1996. Response of Benthic Algal Communities to Natural Disturbance. In Stevenson R.J., Bothwell M. L., Lowe R. L. (Eds.). Algal Ecology Freshwater Benthic Ecosystem. London. Academic Press Inc.
- Peterson, C.G. and Stevenson R.J. 1992. Resistance and resilience of lotic algal communities: importance of disturbance timing and current. Ecology 73(4): 1445 – 1461.
- Planas, D. 1996. Acidification Effects. In Stevenson R.J., Bothwell M. L., Lowe R. L. (Eds.). Algal Ecology Freshwater Benthic Ecosystem. London. Academic Press Inc.
- Pringle, C.M. 1990. Nutrient spatial heterogeneity: effects on community structure, physiognomy and diversity of stream algae. Ecology 71(3): 905 – 920.
- Pringle, C.M. and Bower, J.A. 1984. An in situ substratum fertilization technique: diatom colonization on nutrient enriched, sand substrata. Can. J. Fish. Aquat. Sci. 41: 1247-1251.
- Pringle, C.M. and Hamazaki, T. 1997. Effects of fishes on algal response to storms in a tropical stream. Ecology. 78(8): 2432 – 2442.
- Rinke, K. and Robinson, C.T. and Uehlinger, U. 2001. A note on abiotic factors that constrain periphyton growth in alpine glacier stream. Internat. Rev. Hydrobiol. 86(3): 361 – 366.
- Romani, A. N. and Sabater S. 2001. Structure and activity of rock and sand biofilms in a mediterranean stream. Ecology. 82(11): 3232-3245.
- Rott, E., Pfister, P. and Pitt, E. 1997. Use of Diatoms for Environmental Monitoring, Institut für Botanik der Universtat Innsbruck. Innsbruck.
- Rout, J. and Gaur, J.P. 1994. Composition and dynamics of epilithic algae in a forest stream at Shillong (India). Hydrobiol. 291: 61 – 74.
- Savarria, L.A., Mono, F. And Lissin, L. D.B. 1998. Modelling periphyton dynamics in running water. Eco. Modelling. 114: 35 – 47.
- Soininen, J. 2002. Response of epilithic diatom communities to environmental gradients in some

- Finnish rivers. *Internat. Rev. Hydrobiol.* 87(1): 11 – 24.
- Steinman, A.D. 1996. Effect of Grazers on Freshwater Benthic Algae. *In* Stevenson R.J., Bothwell M. L., Lowe R. L. (Eds.). *Algal Ecology Freshwater Benthic Ecosystem*. London. Academic Press Inc.
- Steinman, A. and McIntire, C. D. 1990. Recovery of Lotic Periphyton Communities After Disturbance. *In* Yout, J. D. and Niemi, G. J. (Eds.). *Recovery of Lotic Periphyton Communities and Ecosystems Following Disturbance: Theory and Application*, New York. Springer-Verlag New York Inc.
- Stevenson, R.J. 1983. Effect of current and conditions simulating autogenically changing microhabitats on benthic diatom immigration. *Ecology*. 64(6): 1514 – 1524
- Stevenson, R.J. 1996. An Introduction to Algal Ecology in Freshwater Benthic Habitat. *In* Stevenson R.J., Bothwell M. L., Lowe R. L. (Eds.). *Algal Ecology Freshwater Benthic Ecosystem*. London. Academic Press Inc.
- Tate, C. M. 1990. Pattern and control of nitrogen in tallgrass prairie stream. *Ecology*. 71:2007 – 2018.
- Tolotti, M. 2001. Phytoplankton and littoral epilithic diatoms in high mountain lakes of the Adamello-Brenta Regional Park (Trentino, Italy) and their relation to trophic status and acidification risk. *J. Limnol.* 60(2): 171 – 188.
- Valett, H.M., Morrice, J. and Dahm, C.N. 1996. Parent lithology, surface-groundwater exchange and nitrate retention in headwater streams. *Limnol. Oceanogr.* 41(2): 333 – 345.
- Vis, C., Hudon, C., Cattaneo, A. and Pinel-Alloul, B. 1998. Periphyton as an indicator of water quality in the St. Lawrence River (Québec, Canada), *Environ. Pollution*. 101: 13-14.
- Wild, W.E. and Tilly, L.J. 1981. structure characteristics of algal communities in thermally altered artificial stream. *Hydrobiol.* 76: 57 – 63.
- Wetzel, R.G. 2001. *Limnology: Lake and River Ecosystems*. 3rd ed. London Academic Press.