- MERZ, M.U.E. (1992): The biology of carbonate precipitation by cyanobacteria. – *Facies*, **26**, 81-102, 7 figs., 2 tabs., 2 pls., Erlangen
- MERZ, M.U.E. & ZANKL, H. (in press): The influence of the sheath on carbonate precipitation by cyanobacteria. – *Boll. Soc. Pal. Italiana*, Modena
- PENTECOST, A. (1985): Investigation of variation in heterocyst numbers, sheath development and false-branching in natural populations of Scytonemaceae (Cyanobacteria). – *Arch. Hydrobiol.*, **102/3**, 343-353, 7 figs., 4 tabs., Berlin
- PENTECOST, A. & RIDING, R. (1986): Calcification in cyanobacteria. – In: LEADBEATER, B.S.C. & RIDING, R. (eds.): *The Systematic Association, Spec. Vol. 30, Biomineralization in Lower Plants and Animals*. – 400 pp., 73-90, 6 figs., Oxford (Clarendon)
- RIDING, R. (1977): Calcified *Plectonema* (blue-green algae), a recent example of *Girvanella* from the Aldabra Atoll. – *Palaeontology*, **20/1**, 33-46, 5 figs., 1 plt., London
- SCHERER, S. (1991): Mikroorganismen in extremen Lebensräumen- Cyanobakterien in Wüstengebieten. – *Biologie in unserer Zeit*, **21/4**, 220-222, 6 figs., Weinheim
- SCHLÖSSER, U.G. (1982): Sammlung von Algenkulturen. – *Ber. Deutsche Bot. Ges.*, **95**, 181-276, Stuttgart
- SCHOPF, J. W. & WALTER, R. M. (1983): Archean microfossils: new evidence of ancient microbes. – In: SCHOPF, J. W. (ed.): *The Earth's earliest biosphere-Its origin and evolution*. – 543 pp., 214-239, 10 figs., 2 tabs., Princeton, (Princeton Univ. Press)
- SIMKISS, K. & WILBUR, K.M. (1989): Biomineralization; cell biology and mineral deposition. – 337 pp., 123 figs., 25 tabs., San Diego (Academic Press)
- STANIER, R.Y. & COHEN-BAZIRE, G., (1977): Phototrophic procaryotes: the cyanobacteria. – *Ann. Rev. Microbiol.*, **31**, 225-274, 10 figs., 2 tabs., Palo Alto
- TUFFERY, A.A. (1969): Light and electron microscopy of the sheath of a blue-green alga. – *J. Gen. Microbiol.*, **57/1**, 41-50, 5 pls., London
- VAN LIERE, L. & WALSBY, A.E. (1982): Interactions of cyanobacteria with light. – In: CARR, N.G. & WHITTON, B.A. (eds.): *The biology of cyanobacteria*, Bot. Monographs **19**, 688 pp., 9-45, 13 figs., 2 tabs., Oxford (Blackwell)
- WALSBY, A.E. (1968): Mucilage secretion and the movement of blue-green algae. – *Protoplasma*, **65/1-2**, 223-238, 17 figs., Wien
- WECKESSER, J., BROLL, C., ADHIKARY, S.P. & JÜRGENS, U.J. (1987): 2-0-Methyl-D-xylose containing sheath in the cyanobacterium *Gloeotheca* sp. PCC 6501. – *Arch. Microbiol.*, **147**, 300-303, 3 figs., 1 tab., Berlin
- WERNER, D. (1982): Biologische Versuchsobjekte. – 432 pp., Stuttgart (Fischer)
- WYMAN, M. & FAY, P. (1987): Acclimation to the natural light climate. – In: FAY, P. & VAN BAALEN, C. (eds.): *The cyanobacteria*. – 347-376, 10 figs., 2 tabs., Amsterdam (Elsevier, Biomed. Div.)

Correction:

In the paper "Biology of Carbonate Precipitation by Cyanobacteria" by M.U.E.Merz, in *Facies* **26**, pp. 81-102, the range of $\delta^{13}\text{C}$ -values for gastropod shells was erroneously indicated to be -1.25 to 0.7 permil (page 94). As can be deduced from the following text and seen in fig. 4a the values fall into a range from -7.63 to -3.4 ‰. The author apologizes for the mistake.

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