

Klaus van de Weyer, papers and books on macrophytes, 20250118

klaus.vdweyer@lanaplan.de

1 General	2
2 Alien Species	2
3 Charophytes	2
4 Clear Water Lakes	3
5 Determination and Ecology	3
6 Re-Establishment of Macrophytes	3
7 Running Waters	3
8 Restoration of Lakes	4

1 General

HILT, S., VERMAAT, J., VAN DE WEYER, K. (2022): Macrophytes. Encyclopedia of Inland Waters, Second Edition. Volume 2, 2022: 14-25. <https://doi.org/10.1016/B978-0-12-819166-8.00043-8>

2 Alien Species

WEGNER, B., KRONSBAIN, A.L., GILFALK, M., VAN DE WEYER, K., MONAGHAN, M. T., KÖHLER, J., HILT, S. (2019): Mutual facilitation and subsequent competition among invading western waterweed and quagga mussels. *Frontiers of Plant Sciences*. 26 June 2019.

<https://doi.org/10.3389/fpls.2019.00789>

HUSSNER, A., WEYER, K. VAN DE, GOSS, E., HILT, S. (2010): Comments on increasing number and abundance of non-indigenous aquatic macrophyte species in Germany. *Weed Research* 50: 519-526.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1365-3180.2010.00812.x>

3 Charophytes

SCHUBERT, H., BLINDOW, I., NAT, E., KORSCH, H., GREGOR, T., DENYS, L., STEWART, N., VAN DE WEYER, K., ROMANOV, R., CASANOVA, M. T. (eds.) (2024):

Charophytes of Europe: 1144 pp., Springer. Hardcover ISBN 978-3-031-31897-9, eBook ISBN 978-3-031-31898-6. <https://doi.org/10.1007/978-3-031-31898-6>

BLINDOW, I., CARLSSON, M., VAN DE WEYER, K. (2021):

Re-Establishment Techniques and Transplantations of Charophytes to Support Threatened Species. *Plants* 2021, 10, 1830. <https://doi.org/10.3390/plants10091830>

ABDELAHAD, N., TROIA, A., VAN DE WEYER, K., IBERITE, M., PICCOLI, F., CASANOVA, M.T. (2024):

A Contribution to a Better Understanding of the *Nitella axillaris* Group (Charales, Charophyceae): Taxonomic Re-Eexamination of the *Nitella translucens* collected in the Province of Ferrara, Italy.

Plants 2024, 13, 3081. <https://doi.org/10.3390/plants13213081>

HOLZHAUSEN, A., NOWAK, P., BALLOT, A., BECKER, R., GEBERT, J., GREGOR, T., KAROL, K. G., LAMBERT, E., PÉREZ, W., RAABE, U., SCHNEIDER, S., STEWART, N., VAN DE WEYER, K., WILDE, V., SCHUBERT, H. (2022):

Plastid DNA sequences and oospore characters of some European species of *Tolypella* section *Tolypella* (*Obtusifolia*, Characeae) indicate a new cryptic *Tolypella* species from the Mediterranean island Sardinia.

<https://www.frontiersin.org/articles/10.3389/fpls.2023.1096181/full>

<https://doi.org/10.3389/fpls.2023.1096181>

NOWAK, P., VAN DE WEYER, K., BECKER, R. (2019): The occurrence of sexual *Chara canescens* in Sardinia. *Webbia* 74: 103-109.

<https://www.tandfonline.com/doi/full/10.1080/00837792.2019.1610265>

ROMANOV, R., NAPOLITANO, T., WEYER, K. VAN DE, TROIA, A. (2019): New records and observations to the Characean flora (Charales, Charophyceae) of Sicily (Italy). *Webbia*.

<https://www.tandfonline.com/doi/full/10.1080/00837792.2019.1609258>

TROIA, A., NAPOLITANO, T., WEYER, K. VAN DE, ROMANOV, R. (2018):

New records of Characeae for Sicily (Italy). 22nd MEETING OF THE GROUP OF EUROPEAN CHAROPHYTOLOGISTS (GEC), Palermo, Italy, 17-21 September 2018, p. 36.

https://www.researchgate.net/publication/328080757_New_records_of_Characeae_for_Sicily_Italy

4 Clear Water Lakes

ALLEGRO, A., STANKOVIĆ, I., ŠEGOTA, V., WEYER, K. VAN DE, K., BLAŽENČIĆ, J. (2016): Macrophytic vegetation in the oligotrophic Mediterranean Lake Vrana (Island of Cres, Northern Adriatic) – New insight after 50 years. *Flora Serbica* 40: 137-144.
http://botanicaserbica.bio.bg.ac.rs/arhiva/pdf/2016_40_2_659_full.pdf

5 Determination and Ecology

SCHOU, J. C., MOESLUND, B., VAN DE WEYER, K., LANSDOWN, R. V., WIEGLEB, G., HOLM, P., BAASTRUP-SPOHR, L., SAND-JENSEN, K. (2023): Aquatic Plants of Northern and Central Europe including Britain and Ireland. Princeton University Press: 746 pp., ISBN 9780691251011.
<https://press.princeton.edu/books/hardcover/9780691251011/aquatic-plants-of-northern-and-central-europe-including-britain-and>

SCHUBERT, H., BLINDOW, I., NAT, E., KORSCH, H., GREGOR, T., DENYS, L., STEWART, N., VAN DE WEYER, K., ROMANOV, R., CASANOVA, M. T. (eds.) (2024): Charophytes of Europe: 1144 pp., Springer. Hardcover ISBN 978-3-031-31897-9, eBook ISBN 978-3-031-31898-6. <https://doi.org/10.1007/978-3-031-31898-6>

6 Re-Establishment of Macrophytes

BLINDOW, I., CARLSSON, M., VAN DE WEYER, K. (2021): Re-Establishment Techniques and Transplantations of Charophytes to Support Threatened Species. *Plants* 2021, 10, 1830. <https://doi.org/10.3390/plants10091830>

HILT, S., GROSS, E. M., HUPFER, M., MORSCHIED, H., MÄHLMANN, J., MELZER, A., SANDROCK, S., SCHARF, E.-M., SCHNEIDER, S., WEYER, K. VAN DE (2006): Restoration of a submerged vegetation in eutrophied shallow lakes – A guideline and state of the art in Germany. *Limnologica* 36: 155-171.
https://lanaplan.de/download/Hilt-et-al_2006_Restoration-subm-macro-Germany.pdf

7 Running Waters

WIEGLEB, G., GEBLER, D., WEYER, K. VAN DE, BIRK, S. (2015): Comparative test of ecological assessment methods of lowland streams based on long-term monitoring data of macrophytes. *Science of The Total Environment* 541: 1269-1281.
<https://www.sciencedirect.com/science/article/abs/pii/S0048969715308226https://www.sciencedirect.com/science/article/pii/S007595111400084X>

WIEGLEB, G., HERR, W., ZANDER, B., BRÖRING, U., BRUX, H., WEYER, K. VAN DE (2015): Natural variation of macrophyte vegetation of lowland streams at the regional level. *Limnologica* 51: 53-62.
<http://www.sciencedirect.com/science/article/pii/S007595111400084X>

8 Restoration of Lakes

BLINDOW, I., CARLSSON, M., VAN DE WEYER, K. (2021): Re-Establishment Techniques and Transplantations of Charophytes to Support Threatened Species. *Plants* 2021, 10, 1830.

<https://doi.org/10.3390/plants10091830>

CHORUS, I, KÖHLER, A., BEULKER, C., FASTNER, J., WEYER, K. VAN DE, HEGEWALD, T., HUPFER, M. (2020): Decades needed for ecosystem components to respond to a sharp and drastic phosphorus load reduction. *Hydrobiologia*. <https://doi.org/10.1007/s10750-020-04450-4>

Sabine Hilt, Marta M. Alirangues Nuñez, Elisabeth S. Bakker, Irmgard Blindow, Thomas Davidson, Mikael Gillefalk, Lars-Anders Hansson, Jan H. Janse, Annette B.G. Janssen, Erik Jeppesen, Timm Kabus, Andrea Kelly, Jan Köhler, Torben L. Lauridsen, Wolf M. Mooij, Ruurd Noordhuis, Geoff Phillips, Jacqueline Rücker, Martin Søndergaard, Sven Teurlincx, Klaus van de Weyer, Ellen van Donk, Arno Waterstraat, Nigel Willby, Carl Sayer (2018): Response of submerged macrophyte communities to external and internal restoration measures in temperate shallow lakes. *Frontiers in Plant Science*. <https://doi.org/10.3389/fpls.2018.00194>

HILT, S., WEYER, K. VAN DE, KÖHLER, A., CHORUS, I. (2010): Submerged macrophyte responses to reduced phosphorus concentrations in two peri-urban lakes. *Restoration Ecology* 18: 452-461.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1526-100X.2009.00577.x>

HILT, S., GROSS, E. M., HUPFER, M., MORSCHIED, H., MÄHLMANN, J., MELZER, A., SANDROCK, S., SCHARF, E.-M., SCHNEIDER, S., WEYER, K. VAN DE (2006): Restoration of a submerged vegetation in eutrophied shallow lakes – A guideline and state of the art in Germany. *Limnologica* 36: 155-171.

https://lanaplan.de/download/Hilt-et-al_2006_Restoration-subm-macro-Germany.pdf