

Supplementary information

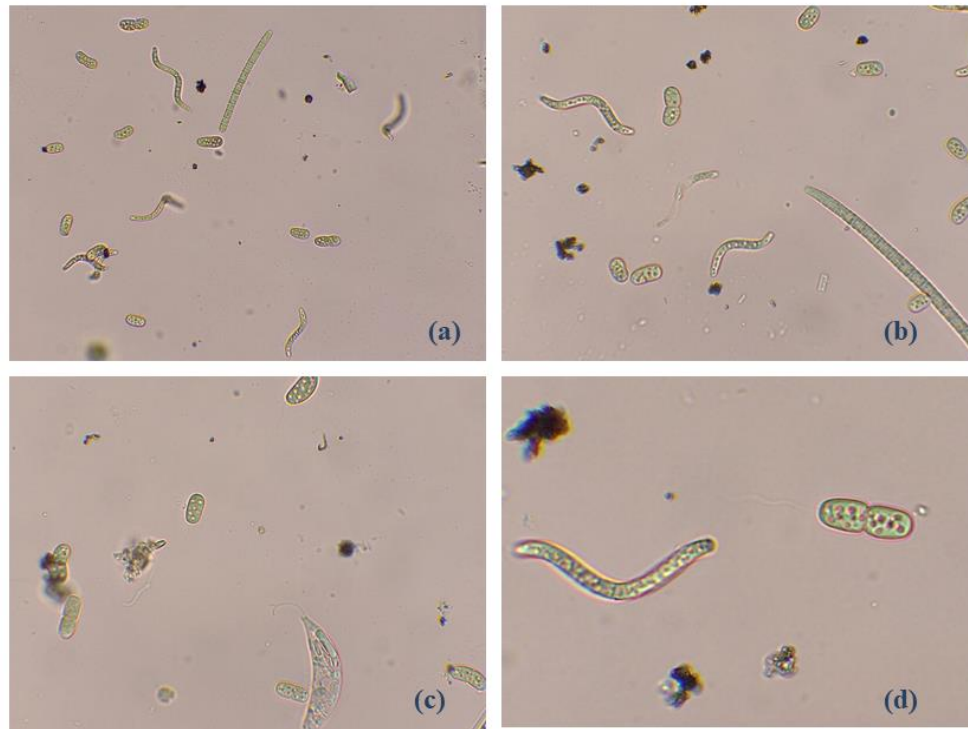


Figure S1. Light micrographs of phototrophic sulfur bacteria (Functional Group V) from the investigated riparian wetlands. (a) *Chromatium okenii* and *Thiospirillum jenense* co-occurring with the filamentous cyanobacterium *Komvophoron* sp. in Dragoman RW. (b) *Chromatium okenii* and *Thiospirillum jenense* co-occurring with the filamentous cyanobacterium *Oscillatoria* sp. in Popovitsa RW. (c) *Chromatium okenii* co-occurring with the colourless euglenoid *Menoidium pellucidum* in Popovitsa RW. (d) *Chromatium okenii* and *Thiospirillum jenense*, with clearly visible intracellular sulfur granules. *Micrografías ópticas de bacterias fototróficas del azufre (Grupo Funcional V) de los humedales ribereños investigados.* (a) *Chromatium okenii* y *Thiospirillum jenense* coexistiendo con la cianobacteria filamentosa *Komvophoron* sp. en Dragoman RW. (b) *Chromatium okenii* y *Thiospirillum jenense* coexistiendo con la cianobacteria filamentosa *Oscillatoria* sp. en Popovitsa RW. (c) *Chromatium okenii* coexistiendo con el euglenoide incoloro *Menoidium pellucidum* en Popovitsa RW. (d) *Chromatium okenii* y *Thiospirillum jenense*, con gránulos de azufre intracelulares claramente visibles.