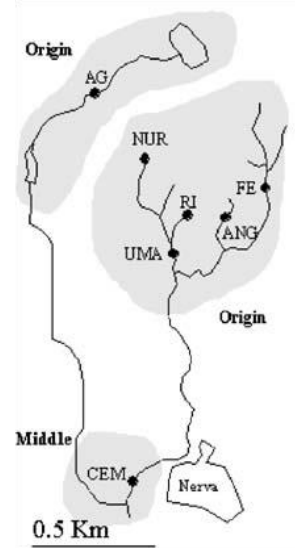
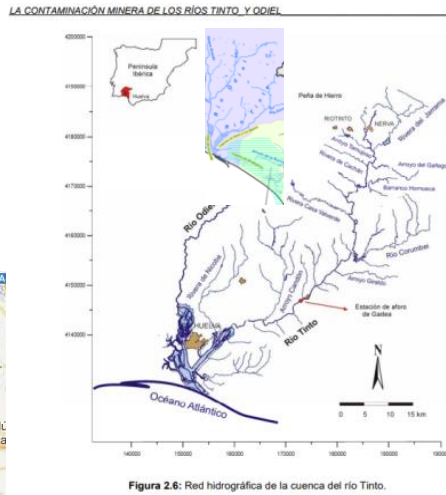
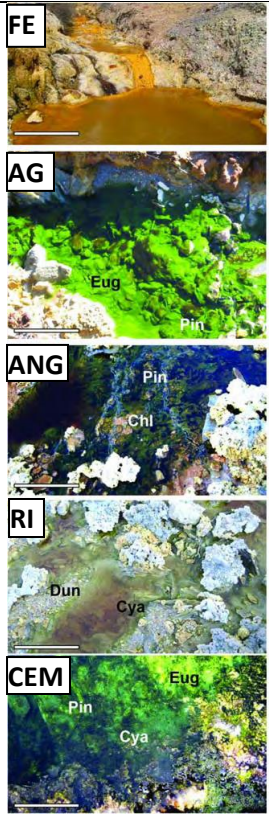


RioTinto's detailed location:



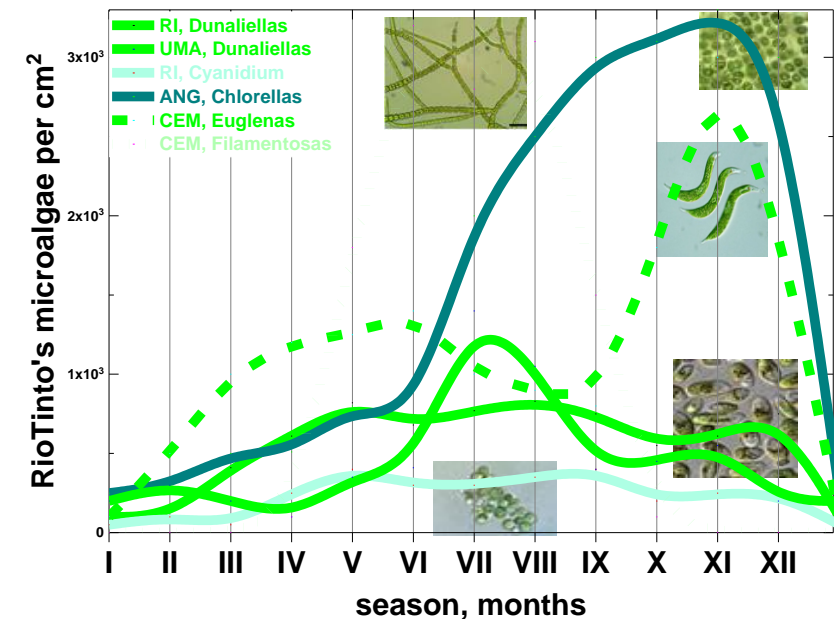
Recommended to watch:
<https://www.youtube.com/watch?v=1Cesa9GF46M>
<https://www.rve.es/play/videos/espana-directo/espana-directo-aguas-rojas-rio-tinto/876959/>
<https://www.viajesyfoto.com/blog/minas-rio-tinto-paisajes-andalucia/>



Photographies of studied sites extracted from Souza-Egipsy (Souza-Egipsy et al., 2008)

Fig. 1. General aspect, properties and comparison with kombucha of biofilms at RioTinto (Souza-Egipsy et al., 2008).

name	type	coordenates	Photosynthetic microalgae	pH	mS/cm	Bars
FE	Riverside	37°43'19"N 6°33'03"W	?	2.8	5.2	100cm
AG	Biofilms	37°43'28"N 6°33'36"W	Dark green, <i>Euglena</i> (Eug) Brown, <i>Pinnularia</i> (Pin)	2.2	30.8	25cm
ANG	Biofilms	37°43'14"N 6°33'09"W	Green, <i>Chlorella</i> (Chl) Brown, <i>Pinnularia</i> (Pin)	3.0	5.3	25cm
RI	Biofilms	37°43'13"N 6°33'15"W	Blue green, <i>Cyanidium</i> (Cya) Light green, <i>Dunaliella</i> (Dun)	1.8	38.9	25cm
UMA	Biofilms	37°43'??"N 6°33'??"W	Light green, <i>Dunaliella</i> (Dun)	1.7	40.2	?
CEM	Biofilms	37°42'01"N 6°33'29"W	Blue green, <i>Cyanidium</i> (Cya) Dark green, <i>Euglena</i> (Eug) Brown, <i>Pinnularia</i> (Pin)	2.7	11.4	25cm
Kombucha	Cellulose biofilms			2.0-3.0	15.0-20.0	---



Drawn from Aguilera's data (Aguilera et al., 2007)

References:
 Aguilera, A., Souza-Egipsy, V., Gomez, F. Amils, R., 2007. Development and structure of eukaryotic biofilms in an extreme acidic environment, rio tinto (SW, Spain). *Microb Ecol* 53, 294-305. <http://dx.doi.org/10.1007/s00248-006-9092-2>
 Souza-Egipsy, V., Gonzalez-Toril, E., Zettler, E., Amaral-Zettler, L., Aguilera, A. Amils, R., 2008. Prokaryotic community structure in algal photosynthetic biofilms from extreme acidic streams in Rio Tinto (Huelva, Spain). *Int Microbiol* 11, 251-60. <http://dx.doi.org/10.2436/20.1501.01.69>