

LISTE DES PUBLICATIONS

Articles publiés dans des revues internationales avec comité de lecture

1. **Engel, C.R.**, E. Billard, M. Voisin, F. Viard (2008) Conservation and polymorphism of mitochondrial intergenic sequences in brown algae. *European Journal of Phycology* 43:195-205.
2. Muhlin, J.F., **C.R. Engel**, R. Stessel, R.A. Weatherbee & S.H. Brawley. (2008) The influence of coastal topography, circulation patterns, and rafting in structuring populations of an intertidal alga. *Molecular Ecology* 17:1198-1210.
3. **Engel, C.R.**, M.-L. Guillemin, A.-M. Jacob, M. Valero & F. Viard. (2008) Isolation of microsatellite loci from the kelp, *Sacchoriza polyschides* (Heterokontophyta, *incertae sedis*). *Molecular Ecology Notes* 8:406-408.
4. Perrin, C., C. Daguin, M. van de Vliet, **C.R. Engel**, G. Pearson & E. Serrão. (2007) Implications of mating system for genetic diversity of sister algal species: *Fucus spiralis* and *Fucus vesiculosus* (Heterokontophyta, Phaeophyceae). *European Journal of Phycology* 42:219-230.
5. **Engel, C.R.**, C. Daguin & E. Serrão (2006) When is a hybrid a hybrid? A reply to Wallace *et al.* *Molecular Ecology* 15:3481-3482.
6. Billard, E., C. Daguin, G. Pearson, E. Serrão, **C.R. Engel** & M. Valero (2005) Genetic isolation between three closely related taxa: *Fucus vesiculosus*, *F. spiralis* and *F. ceranoides*. *Journal of Phycology* 41:900-905.
7. Billard, E., E. Serrão, G. Pearson, **C.R. Engel**, C. Destombe & M. Valero (2005) Analysis of sexual phenotype and prezygotic fertility in natural populations of *Fucus spiralis*, *F. vesiculosus* (Fucaceae, Phaeophyceae) and their putative hybrids. *European Journal of Phycology* 40:397-407.
8. **Engel, C.R.**, C. Daguin & E. Serrão (2005) Specific entities and mating system in hermaphroditic *Fucus spiralis* and its close dioecious relative *F. vesiculosus* (Fucaceae, Phaeophyceae). *Molecular Ecology* 14:2033-2046.
9. Daguin, C., M. Voisin, **C.R. Engel** & F. Viard (2005) Microsatellite isolation and polymorphism in introduced populations of the cultivated seaweed *Undaria pinnatifida* (Phaeophyceae, Laminariales). *Conservation Genetics* 6:647-650.
10. Voisin, M., **C.R. Engel** & F. Viard (2005) Differential shuffling of native genetic diversity across introduced regions in a brown alga: aquaculture vs. maritime traffic effects. *Proceedings of the National Academy of Sciences, USA* 102:5432-5437.
11. **Engel, C.R.**, C. Destombe & M. Valero. (2004) Mating system and gene flow in the red seaweed *Gracilaria gracilis*: Effect of haploid-diploid life history and intertidal rocky shore landscape on fine-scale genetic structure. *Heredity* 92:289-298.
12. **Engel, C.R.**, S. Brawley, K. Edwards. & E. Serrão (2003) Isolation and cross-species amplification of microsatellite loci from the fucoid seaweeds *Fucus vesiculosus*, *F. serratus* and *Ascophyllum nodosum* (Heterokontophyta, Fucaceae). *Molecular Ecology Notes* 3:180-182.
13. Billot, C., **C.R. Engel**, S. Rousvoal, B. Kloareg & M. Valero (2003) Current patterns, habitat discontinuities and population genetic structure: the case of the kelp *Laminaria digitata* in the English Channel. *Marine Ecology-Progress Series* 253:111-121.

14. **Engel, C.R.** & C. Destombe (2002) Reproductive ecology of an intertidal red seaweed, *Gracilaria gracilis*: influence of high and low tides on fertilization success. *Journal of the Marine Biological Association of the UK* 82:189-192.
15. **Engel, C.R.**, M. Valero, Y. Lagadeuc & C. Destombe (2002) Non-random mating in controlled multiple-donor crosses in a red haploid-diploid seaweed, *Gracilaria gracilis*. *European Journal of Phycology* 37:179-190.
16. **Engel, C.R.**, P. Åberg, O. Gaggiotti, C. Destombe & M. Valero (2001) Population dynamics and stage structure in a red haploid-diploid red alga, *Gracilaria gracilis*. *Journal of Ecology* 89:436-450. **Classé 2^{ème} ex æquo pour le prix John L. Harper.**
17. Valero, M., **C.R. Engel**, C. Billot, B. Kloareg & C. Destombe (2001) Concepts and issues of population genetics in phycology. *Cahiers de Biologie Marine* 42:53-62.
18. **Engel, C.R.**, Wattier, C. Destombe & M. Valero (1999) Performance of non-motile male gametes in the sea: analysis of paternity and fertilisation success in a natural population of a red seaweed, *Gracilaria gracilis*. *Proceedings of the Royal Society of London, Biological series* 266:1879-1886.
19. Luo, H., M. Mörchen, **C.R. Engel**, C. Destombe, J.T. Epplen, C. Epplen, P. Saumitou-Laprade & M. Valero (1999) Characterisation of microsatellite markers in the red alga, *Gracilaria gracilis*. *Molecular Ecology* 8:700-702.
20. Wattier, R., **C.R. Engel**, P. Saumitou-Laprade & M. Valero (1998) Short allele dominance as a source of heterozygote deficiency at microsatellite loci: experimental evidence at the dinucleotide locus Gv1CT in *Gracilaria gracilis* (Rhodophyta). *Molecular Ecology* 7:1569-1573.
21. **Engel, C.R.**, R. Wattier, C. Destombe & M. Valero (1997) Dispersal in a haplo-diploid red alga species: genetic structure and gene flow in *Gracilaria gracilis*. *Vie et Milieu-Life and Environment* 47:325-332.

Actes de congrès sans comité de lecture

22. **Engel-Gautier, C.R.** (2010) Retranslating scientific works: The case of Darwin's *Descent of Man* in *Aspects diachroniques du texte de spécialité* (ed D. Banks) pp. 35-51. L'Harmattan, Paris.
23. Valero, M., C. Gliddon, P. Åberg, B. Kloareg, P.A. Sosa, J.L. Olsen, C. Billot, N. Bouza, H. Cabrera, C. Destombe, **C. Engel**, O. Gaggiotti, A. Lindgren & M. Mörchen (1998) Biodiversity and Genetics of Algal Populations (BIOGAP). *Third European Marine Science and Technology conference*, Project synopses, Vol 1: Marine systems:153-167.

Thèses et mémoires

24. Engel-Palmiter, C.R. (2000) Fonctionnement des populations d'une espèce d'algue rouge marine haplo-diploïde : structures et dynamiques démographiques et génétiques chez *Gracilaria gracilis*. Thèse de doctorat, Université de Paris-Sud. 191p. + annexes.
25. Engel, C.R. (1996) Système de reproduction et analyse de paternité chez l'algue rouge haplo-diploïde, *Gracilaria gracilis*. Mémoire de DEA, Université de Paris-Sud. 32p. + annexes.