

Recent publications (since 2000)

Refereed journals

Griffin, C. T., Chaerani, R. Fallon, D., Reid, A.P. & Downes, M.J. (2000). Occurrence and distribution of the entomopathogenic nematodes *Steinernema* spp. and *Heterorhabditis indica* in Indonesia. *J. Helminthol.* 74, 143-150.

Stack, C.M., Easwaramorthy, S.G., Metha, U.K, Downes, M.J., Griffin, C.T. & Burnell, A.M. (2000). Molecular characterisation of *Heterorhabditis indica* isolates from India, Kenya, Indonesia and Cuba. *Nematology* 2, 477-487.

Griffin, C.T., O'Callaghan, K. & Dix, I. (2001). A self-fertile species of *Steinernema* from Indonesia: further evidence of convergent evolution amongst entomopathogenic nematodes? *Parasitology* 122, 181-186.

Fitters, P.F.L. Griffin, C.T & Dunne, R. (2001). Improved control of *Otiiorhynchus sulcatus* at 9C by cold-stored *Heterorhabditis megidis* UK211. *Biocontrol Science and Technology* 11, 483-492.

Hass, B., Downes, M.J. & Griffin, C.T. (2001). Correlation between survival in water and persistence in soil of ten *Heterorhabditis* spp. isolates. *Nematology* 3, 573-579.

Fitters, P.F.L., Dunne, R. & Griffin, C.T. (2001). Vine weevil control in Ireland with entomopathogenic nematodes: optimal time of application. *Irish Journal of Agricultural and Food Research* 40, 199-213.

Armendáriz, I. Downes, M.J. & Griffin, C.T. (2002). Effect of timber condition on parasitisation of pine weevil (*Hylobius abietis* L.) larvae by entomopathogenic nematodes under laboratory conditions. *Biocontrol Science and Technology* 12, 225-233.

Stock, S.P., Griffin, C.T. & Burnell, A.M. (2002). Morphological characterisation of three isolates of *Heterorhabditis* Poinar, 1976 from the "Irish group" (Nematoda: Rhabditida: Heterorhabditidae) and additional evidence supporting their recognition as a distinct species, *H. downesi* n. sp. *Systematic Parasitology* 51, 95-106.

Dempsey, C. M., Griffin, C.T. (2002). Phased activity in *Heterorhabditis megidis* infective juveniles. *Parasitology* 124, 605-613.

Ryder, J.J & Griffin, C.T. (2002). Density dependent fecundity and infective juvenile production in the entomopathogenic nematode, *Heterorhabditis megidis*. *Parasitology* 125, 83-92.

Hass, B., Downes, M.J. & Griffin, C.T. (2002). Persistence of four *Heterorhabditis* spp. isolates in Soil: role of lipid reserves. *Journal of Nematology*, 34, 151-158.

Enright, M.R., McInerney, J.O. & Griffin, C.T. (2003). Characterization of endospore-forming bacteria associated with entomopathogenic nematodes,

Heterorhabditis spp., and description of *Paenibacillus nematophilus* sp. nov.. *Int. J. Syst. Evol. Microbiol.* 53 435-441.

Dempsey, C. M., Griffin, C.T. (2003) The infectivity and behaviour of exsheathed and ensheathed *Heterorhabditis megidis* infective juveniles. *Nematology* 5,49-53.

Ryder, J.J & Griffin, C.T. (2003) Phased infectivity in *Heterorhabditis megidis*: the effects of infection density in the parental host and filial generation. *International Journal of Parasitology* 33,1013-1018

Enright, M. R. & Griffin, C.T. (2004) Specificity of association between *Paenibacillus* spp. and the insect pathogenic nematodes *Heterorhabditis* spp. *Microbial Ecology*, in press

Stock, S.P., Griffin, C.T and Chaerani, R. (2004) *Steinernema hermaphroditum* n. sp. (Nematoda: Steinernematidae), an entomopathogenic nematode from the Moluccan Islands, Indonesia. *Nematology*, in press.

Book Chapters

Griffin, C.T. (2002) Biological control agents: impact on native biota. In. C. Moriarty and D. A. Murray (ed) *Biological invaders: the impact of exotic species*. Dublin, Royal Irish Academy, pp. 53-62.

Griffin, C.T. Lewis, E. & Boemare, N. (2004) Entomopathogenic nematode biology and behavior. in: Grewal, P., Ehlers, R.-U. & Shapiro-Ilan, D (eds). *Nematodes as Biocontrol agents*. CABI (in press).

Kenis, M., Wegensteiner, R. & Griffin, C.T. (2004) Parasitoids, predators, nematodes and pathogens associated with bark weevil pests in Europe. In: Lieutier, F., Day, K., Battisti, A., Gregoire, J.C & Evans, H. (Eds) *Bark and wood boring insects in living trees in Europe, a synthesis*. Kluwer (in press).