

C.M. Brasier - Refereed Publications

General

- Brasier, C.M. (1986). Some genetical aspects of necrotrophy with special reference to *Ophiostoma ulmi*. In 'Genetics and Plant Pathogenesis' (P.R. Day and G.J. Jellis, Eds.) pp. 297-310. Blackwells, Oxford.
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- Brasier, C.M. (1993). The genetic system as a fungal taxonomic tool: gene flow, molecular variation and sibling species in the '*Ophiostoma piceae* - *Ophiostoma ulmi*' complex and its taxonomic and ecological significance. In '*Ophiostoma and Ceratocystis: taxonomy, biology and pathology*' (M.J. Wingfield, K. Seifert and J.F. Webber, Eds.) pp. 77-92. American Phytopathological Society, St Paul, Minnesota.
- Brasier, C.M. (1995). Episodic selection as a force in fungal microevolution with special reference to clonal speciation and hybrid introgression. *Canadian Journal of Botany* **73**, 1213-1221
- Brasier, C.M. (1997). Fungal species in practice: Identifying species units in fungi. In '*Species: The Units of Biodiversity*' (eds. M.F. Claridge, H.A. Dahwah & M.R. Wilson) pp. 135-170. Chapman & Hall, London.
- Brasier, C.M. (1998). Fitness, continuous variation and selection in fungal populations: an ecological perspective. In '*The structure of fungal populations*' (J. Worrall, ed.) pp. 289-318. Kluwer Academic Publishers, Boston & New York.
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- Brasier, C.M. (2001). Rapid evolution of introduced plant pathogens via interspecific hybridization. *Bioscience* **51**, 123-133.
- Brasier, C.M. (2002). Evolution of forest pathogens via interspecific hybridization. In *Proc. USDA Interagency Research Forum on Invasive Species, 15-18 January 2002*. (S.L.C. Fosbroke and K.W. Gottschalk eds). Pp. 3-4. USDA.
- Brasier, C.M. (2005). Preventing invasive pathogens: deficiencies in the system. *The Plantsman* (new series) **4**, 54-57.
- Brasier, C.M. (2008). Eva Sansome (1906-2001) – Pioneer in fungal and oomycete cytogenetics. In *Pioneering women in plant pathology* (J. B. Ristaino ed.) pp. 139 -142 . American Phytopathological Society, St Paul, Minnesota.
- Brasier, C.M. (2008). The biosecurity threat to the UK and global environment from international trade in plants. *Plant Pathology* **57**, 792-808.
- Brasier C.M. (2012). Rapid evolution of tree pathogens via episodic selection and horizontal

gene transfer. In Proceedings of the 4th International Workshop on Genetics of Host-Parasite Interactions in Forestry. USDA PSW-GTR General Technical Report **240** 133-142.

Biology of Phytophthora

- Brasier, C.M. (1969). The effect of temperature and light on reproduction in vitro in two tropical species of *Phytophthora*. *Transactions of the British Mycological Society* **52**, 105-113.
- Brasier, C.M. (1969). Formation of oospores in vitro by *Phytophthora palmivora*. *Transactions of the British Mycological Society* **52**, 273-279.
- Brasier, C.M. (1971). Induction of sexual reproduction in single A2 isolates of *Phytophthora* species by *Trichoderma viride*. *Nature, New Biology* **231**, 283.
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Biology of oak declines: organisms, hypotheses, climate change

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Biology of Dutch elm disease

- Gibbs, J.N. & Brasier, C.M. (1973). Correlation between cultural characters and pathogenicity in *Ceratocystis ulmi* from Europe and North America. *Nature* **241**, 381-383.
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