

# Terrestrial Chironomidae (Insecta: Diptera)

A list of paper published by Yannick R. Delettre et al.  
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<http://ecobio.univ-rennes1.fr/Fiches%20perso/YDelettre/terrestrial.htm>

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*All papers, thesis and proceedings listed below are dealing,  
at least partly, with the ecology of terrestrial Chironomidae.*

Also, search the web for papers by **Jan Frouz** (Ceske Budejovice, Czech Republic). Ole Saether (Bergen, Norway) has published several taxonomic revisions of genera including terrestrial non-biting midges (e.g. his revision of the genus *Limnophyes*). Other authors who, usually, don't focus on terrestrial Chironomidae, have published some papers on this subject. Search also for previous studies, especially by **Karl Strenzke**, August Thienemann, Lars Brundin or M. Goetghebuer (this list is not exhaustive).

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**Delettre, Y.R. 2005.** Short-range spatial patterning of terrestrial Chironomidae (Insecta: Diptera) and farmland heterogeneity. *Pedobiologia* **49/1**:15-27.

**Burel, F., Butet, A., Delettre, Y.R., Millàn de la Peña, N. 2004.** Differential response of selected taxa to landscape context and agricultural intensification. *Landscape and Urban Planning* **67** : 195–204.

**Delettre, Y.R., Frenot, Y., Vernon, P. & Chown, S.L. 2003.** First record of *Telmatogeton* sp. (Diptera: Chironomidae) at Heard Island. *Polar Biology* **26** : 423-426.

**Delettre, Y.R. 2001.** An annotated checklist of Chironomidae (Diptera) trapped in Brittany (France) since 1975. *Annales de Limnologie, International Journal of Limnology* **37** : 143-149.

**Burel, F., Butet, A., Delettre, Y.R., Millán, N. & Morand, P. 2001.** Effects of Landscape Context on Biodiversity in Hedgerows. In "Development of European Landscapes". Proceedings IALE European Conference 2001, Tartu, Finland (U. Mander, A. Printsman & H. Palang eds). *Publicationes Instituti Geographici Universitatis Tartuensis* 92 (2): 428-432.

**Delettre, Y.R. 2000.** Larvae of terrestrial Chironomidae (Diptera) colonize the vegetation layer during the rainy season. *Pedobiologia* **44** : 622-626.

**Burel, F., Baudry, J., Delettre, Y.R., Petit, S. & Morvan, N. 2000.** Relating Insect movements to farming systems in dynamic landscapes. In *Interchanges of insects between agricultural and surrounding landscapes*. (B. Ekbom, M. Irwin & Y. Robert, eds). : pp. 5-32. Kluwer Academic Publishers, The Netherlands.

**Burel, F., Butet, A., Clergeau, P., Delettre, Y., Dubs, F., Morvan, N., Paillat, G., Petit, S. & Baudry, J. 1998.** Comparative biodiversity along a gradient of agricultural landscapes. *Acta Oecologica* **19** : 47-60.

- Delettre, Y.R. 1995.** Heathland fires temporarily increase species diversity : an example in terrestrial Chironomidae (Diptera). *Landscape and Urban Planning* **31** : 259-268.
- Delettre, Y.R. 1994.** Fire disturbance of a chironomid (Diptera) community on heathlands. *Journal of Applied Ecology* **31** : 560-570.
- Delettre, Y.R., 1993.** Terrestrial Chironomidae: contribution of local emergence to global aerial flow in heterogeneous environment. *Netherlands Journal of Aquatic Ecology* **26** : 269-271.
- Delettre, Y.R. & Lagerlöf, J. 1992).** Abundance and life-history of terrestrial Chironomidae (Diptera) in four Swedish agricultural cropping systems. *Pedobiologia* **36** : 69-78.
- Delettre, Y.R., Tréhen, P. & Grootaert, P. 1992).** Space heterogeneity, space use and short-range dispersal in Diptera. A case study. *Landscape Ecology* **6** (3) : 175-181.
- Rossaro, B. & Delettre, Y.R. 1992.** Description of *Smittia celtica*, n. sp. (Diptera, Chironomidae). *Annales de la Société Entomologique de France* **28** : 365-370.
- Delettre, Y.R. 1989.** Response of terrestrial chironomid communities to fire: an experimental study on heathlands in Brittany (France) *In* Advances in Chironomidology, Proc. 10th Intl. Symp. Chironomidae, Debrecen (Hungary).- Gy. Dévai (ed.). *Acta Biol. Debr. Oecol. Hung.* **3**: 101-109.
- Delettre, Y.R. 1988.** Flux d'évaporation corporelle et résistance à la dessiccation chez les larves de quelques Chironomidae terrestres (Diptera). *Revue d'Ecologie et de Biologie du Sol*<sup>1</sup> **25** : 129-138.
- Delettre, Y.R. 1988.** Chironomid wing length, dispersal ability and habitat predictability. *Holarctic Ecology*<sup>2</sup> **11** : 166-170.
- Delettre, Y.R. 1986.** La colonisation de biotopes multiples : une alternative à la résistance in situ aux conditions mésologiques défavorables. Cas de *Limnophyes minimus* (Mg.), Diptère Chironomide à larves édaphiques des landes armoricaines. *Revue d'Ecologie et de Biologie du Sol* **23** : 29-38.
- Delettre, Y.R. 1985.** Recherches sur les Chironomides (Diptera) à larves édaphiques : biologie, écologie, mécanismes adaptatifs - Résumé de Thèse. *Bulletin d'Ecologie* **16** : 303-304.
- Delettre, Y.R. 1984.** Recherches sur les Chironomides (Diptera) à larves édaphiques: biologie, écologie, mécanismes adaptatifs. Thèse Doctorat d'état. Université de Rennes I, 310 pp.
- Delettre, Y.R. 1983.** Sur le régime alimentaire de deux chironomides (Diptera) des landes armoricaines. *In* New Trends in Soil Biology, Proceedings of the 8th International Colloquium of Soil Zoology, P. Lebrun, H.M. André, A. De Medts, C. Grégoire-Wibo, G. Wauthy (éditeurs), Université catholique de Louvain, Louvain (Belgique) : 616-617
- Delettre, Y.R. & Cancela da Fonseca, J.P. 1979.** Biologie et écologie de *Limnophyes pusillus* Eaton, 1875, à Kerguelen. II. Etude des populations imaginales et discussion. *Revue d'Ecologie et de Biologie du Sol* **16** : 355-372.
- Delettre, Y.R. 1978.** Biologie et écologie de *Limnophyes pusillus* Eaton, 1875, (Diptera, Chironomidae) à Kerguelen. I. Présentation générale et étude des populations larvaires. *Revue d'Ecologie et de Biologie du Sol* **15** : 475-486.
- Delettre, Y.R. & Bailliot, S. 1977.** Sur la résistance des larves de Chironomidae Orthoclaadiinae à l'assèchement du sol. *Compte Rendus de l'Académie des Sciences Série D.* **284** : 1717-1719.

<sup>1</sup> Currently *European Journal of Soil Biology*

<sup>2</sup> Currently *Echography*

**Delettre, Y.R. & Tréhen, P. 1977.** Introduction à la dynamique des populations de *Limnophyes pusillus* Eaton (Diptera, Chironomidae) dans les sols des Iles Australes Antarctiques Françaises. *Ecol. Bull. Swed. nat. Sci. Res. Council* **25** : 80-89.

**Tréhen, P., Bailliot, S. & Delettre, Y.R. 1977.** Place of Diptera in litters of armorican moorlands. *Ecol. Bull. Swed. nat. Sci. Res. Council* **25** : 524-526.

**Tréhen, P., Bailliot, S. & Delettre, Y.R. (1977)** Caractéristiques spatio-temporelles des émergences de Diptères du sol (Sciaridae, Chironomidae). *Ecol. Bull. Swed. nat. Sci. Res. Council* **25** : 521-523.

**Bailliot, S. & Delettre, Y.R. 1972.** Contribution à l'étude écologique des Diptères à larves édaphiques. Approche méthodologique. D.E.A. Biologie Animale. Université de Rennes I. 73 pp.

