

Calliphora vicina 

System: Terrestrial

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Insecta	Diptera	Calliphoridae

Common name

Synonym

Calliphora rufifacies , Macquart, 1851
Musca aucta , Walker, 1852
Calliphora spitzbergensis , Robineau-Desvoidy, 1830
Calliphora monspeliaca , Robineau-Desvoidy, 1830
Calliphora musca , Robineau-Desvoidy, 1830
Calliphora nana , Robineau-Desvoidy, 1830
Musca thuscia , Walker, 1849
Calliphora insidiosa , Robineau-Desvoidy, 1863
Musca erythrocephala , Meigen, 1826

Similar species

Summary

The cosmopolitan fly *Calliphora vicina* has been able to conquer all bioregions, from the tropics to the arctic. Discovered on the Kerguelen Islands in 1978, its establishment is linked to rising temperatures observed since the 1980's. Today, it competes with and threatens a native wingless fly.



[view this species on IUCN Red List](#)

Principal source:

Compiler: Comité français de l'IUCN (IUCN French Committee) & IUCN SSC Invasive Species Specialist Group (ISSG)

Review:

Publication date: 2008-03-14

ALIEN RANGE

[1] FRENCH SOUTHERN TERRITORIES

BIBLIOGRAPHY

4 references found for *Calliphora vicina*

Managment information

General information

Chapuis, J.L., Frenot, Y., & Lebouvier, M. 2004. Recovery of native plant communities after eradication of rabbits from the subantarctic Kerguelen Islands, and influence of climate change. *Biological Conservation*, 117, 167-179.

Summary: Cet article décrit les modifications de la composition floristique, de la richesse spécifique et de l'abondance avant et après l'éradication du lapin. L'impact de l'éradication du lapin et des changements climatiques sont discutés.



GLOBAL INVASIVE SPECIES DATABASE

FULL ACCOUNT FOR: *Calliphora vicina*

Chevrier, M., Vernon, P., & Frenot, Y. 1997. Potential effects of two alien insects on a sub-Antarctic wingless fly in the Kerguelen islands. In Antarctic communities: species, structure and survival. (eds B. Battaglia, J. Valencia & D.W.H. Walton), pp. 424-431. Cambridge University Press.

Summary: Cet article décrit l'histoire de l'invasion de Kerguelen par 2 insectes exotiques et détaille leurs impacts potentiels sur une espèce de mouche aptère indigène.

[Frenot, Y., Chown, S.L., Whinam, J., Selkirk, P., Convey, P., Skotnicki, M., & Bergstrom, D. 2005. Biological invasions in the Antarctic: extent, impacts and implications. *Bio. Rev.* 80, 45-72.](#)

Summary: Article de synthèse sur les invasions biologiques (plantes, invertébrés et vertébrés) en antarctique.

Available from: <http://www.anta.canterbury.ac.nz/resources/non-native%20species%20in%20the%20antarctic/Talk%20%20Frenot.pdf> [Accessed 4 April 2008]

[ITIS \(Integrated Taxonomic Information System\), 2008. Online Database *Calliphora vicina* Robineau-Desvoidy, 1830](#)

Summary: An online database that provides taxonomic information, common names, synonyms and geographical jurisdiction of a species. In addition links are provided to retrieve biological records and collection information from the Global Biodiversity Information Facility (GBIF) Data Portal and bioscience articles from BioOne journals.

Available from: http://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=151555 [Accessed 11 March 2008]