GLOBAL INVASIVE SPECIES DATABASE

FULL ACCOUNT FOR: ***Calliphora vicina***

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'UICN (IUCN French Committee) & IUCN SSC Invasive Species Specialist Group (ISSG)

Review:

Pubblication 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 d�crit les modifications de la composition floristique, de la richesse sp�cifique et de l abondance avant et apr�s l �radication du lapin. L impact de l �radication du lapin et des changements climatiques sont discut�s.

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 d�crit l histoire de l invasion de Kerguelen par 2 insectes exotiques et d�taille leurs impacts potentiels sur une esp�ce de mouche apt�re indig�ne.
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 synth�se sur les invasions biologiques (plantes, invert�br�s et vert�br�s) en antarctique.
Available from: http://www.anta.canterbury.ac.nz/resources/non-native%20species%20in%20the%20antarctic/Talk%202%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]