

## *Cylindroiulus latestriatus*

**System:** Terrestrial

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Diplopoda	Julida	Julidae

## Common name

## Synonym

*Allaiulus latestriatus* , (Curtis, 1845)  
*Cylindroiulus frisius oceanicus* , Verhoeff, 1920  
*Cylindroiulus frisius* , (Verhoeff, 1891)  
*Cylindroiulus owenii* , (Bollman, 1887)  
*Cylindroiulus parisiorum miraculus* , (Brolemann & Verhoeff, 1896)  
*Diploiulus hortensis* , (Wood, 1864)  
*Diploiulus latestriatus* , (Curtis, 1845)  
*Diploiulus latistriatus latistriatus* , (Curtis, 1845)  
*Diploiulus luscus* , (Meinert, 1868)  
*Iulus hesperus* , Chamberlin, 1914  
*Iulus luscus* , var. *homalopsis* Latzel, 1886  
*Julus hesperus* , Chamberlin, 1914  
*Julus hortensis* , Wood, 1864  
*Julus latestriatus* , Curtis, 1845  
*Julus luscus* , Meinert, 1868  
*Julus luscus* , var. *homalopsis* Latzel, 1886  
*Julus owenii* , Bollman, 1887  
*Allajulus frisius* , (Verhoeff, 1891)

## Similar species

*Cylindroiulus britannicus*

## Summary

*Cylindroiulus latestriatus* is a detritivore, an important regulator of ecosystem nutrient cycling processes. It's introduction to Gough Island (Tristan Islands, Tristan da Cunha, UK) may cause long-term effects on nutrient cycles by speeding up organic cycling and reducing the production of peat, changing floral and faunal assemblages.



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

## Species Description

*Cylindroiulus latestriatus* is a millipede: Epiproct short and blunt, not protruding beyond margins of paraprocts; latter with 3 marginal setae apiece; gonopods and paraproct setation as shown by Blower (*Records of the Hawaii Biological Survey* 1997).

## Habitat Description

*Cylindroiulus latestriatus* a soil and litter dweller (Holdgate 1965), is found in leaf, moss, fern and tree fern litter; found under moist leaves along roadside (*Records of the Hawaii Biological Survey*, 1997). On Gough Island *C. latestriatus* was never taken above 1000 ft; uplands the soils are much more compact, more mineral, and shallower than those of loose peats of the fern-bush (Holdgate 1965).

## Principal source:

**Compiler:** IUCN SSC Invasive Species Specialist Group

Updates with support from the Overseas Territories Environmental Programme (OTEP) project XOT603, a joint project with the Cayman Islands Government - Department of Environment

**Review:**

**Publication date:** 2010-04-27

## ALIEN RANGE

[4] SAINT HELENA

[4] UNITED STATES

## BIBLIOGRAPHY

9 references found for *Cylindroiulus latestriatus*

### Management information

[IUCN/SSC Invasive Species Specialist Group \(ISSG\), 2010. A Compilation of Information Sources for Conservation Managers.](#)

**Summary:** This compilation of information sources can be sorted on keywords for example: Baits & Lures, Non Target Species, Eradication, Monitoring, Risk Assessment, Weeds, Herbicides etc. This compilation is at present in Excel format, this will be web-enabled as a searchable database shortly. This version of the database has been developed by the IUCN SSC ISSG as part of an Overseas Territories Environmental Programme funded project XOT603 in partnership with the Cayman Islands Government - Department of Environment. The compilation is a work under progress, the ISSG will manage, maintain and enhance the database with current and newly published information, reports, journal articles etc.

### General information

Holdgate, M. W. 1960. The Fauna of the Mid-Atlantic Islands (pp. 550-567). Proceedings of the Royal Society of London. Series B, Biological Sciences, Vol. 152, No. 949, A Discussion on the Biology of the Southern Cold Temperate Zone Published by: The Royal Society

Holdgate, M. W. 1965. The Fauna of the Tristan Da Cunha Islands Philosophical Transactions of the Royal Society of London. Series B, Biological Sciences, Vol. 249, No. 759 (Oct. 7, 1965), pp. 361-402 (article consists of 42 pages)

[ITIS \(Integrated Taxonomic Information System\), 2008. Online Database \*Cylindroiulus latestriatus\* \(Curtis, 1845\)](#)

**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=570190](http://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=570190) [Accessed 20 August 2008]

Jones, A. G., S. L. Chown, P. G. Ryan, N. J. M. Gremmen, K. J. Gaston., 2003. A review of conservation threats on Gough Island: a case study for terrestrial conservation in the Southern Oceans. Biological Conservation 113 (2003) 75-87

[Records of the Hawaii Biological Survey for 1997. Bishop Museum Occasional Papers 56: 70 p. \(1998\). Part 2: Notes1](#)

**Summary:** Available from: <http://hbs.bishopmuseum.org/pdf/op56.pdf> [Accessed 19 January 2009]

[UniProt Taxonomy, 2008. Species \*Cylindroiulus latestriatus\*](#)

**Summary:** Taxonomy

Available from: <http://www.uniprot.org/taxonomy/541048> [Accessed 14 August 2008]

[World Register Of Marine Species \(WoRMS\), 2005. WoRMS taxon detail. \*Cylindroiulus latestriatus\* \(Curtis, 1845\) AphiaID: 151194](#)

**Summary:** Available from: <http://www.marinespecies.org/aphia.php?p=taxdetails&id=151194> [Accessed 25 October 2008]

[ZipcodeZoo.com., 2009. \*Cylindroiulus latestriatus\*](#)

**Summary:** Available from: [http://zipcodezoo.com/Animals/C/Cylindroiulus\\_latestriatus/#Description](http://zipcodezoo.com/Animals/C/Cylindroiulus_latestriatus/#Description) [Accessed 25 October 2008]