

VIII. Red List of Grasshoppers of the Wadden Sea Area*

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INTRODUCTION

The Red List of grasshoppers in the trilateral Wadden Sea area is a preliminary report on the status of this group, and is mainly a list of rare species, some of which are probably naturally rare.

Only typical coastal habitats and those grasshopper species which can be found in those areas were taken into consideration during the compilation of the Red List.

Data source

Denmark: The latest available data on grasshoppers in Denmark originate from 1969. Therefore, the present situation in the Danish part of the Wadden Sea area is fairly unknown.

Germany: Systematic studies on the distribution of grasshoppers along the coastline of Niedersachsen are only available from two areas, the Reiherplate in the river Weser and the „Vorländer“ on the western river bank of the Weser between Rodenkirchen and Nordenham. In Schleswig-Holstein, only very few observations are documented.

The Netherlands: The data that are available from the coastal areas of The Netherlands are derived from a database of the Dutch bureau of the European Invertebrate Survey.

The data material, which was the basis for this list, is extremely incomplete and of a very heterogeneous quality. The exact status of the species is in general not very well known, and due to the lack of detailed data from other areas, the trilateral status reflects mostly the situation in Niedersachsen. The plan to determine threat factors for the different species was abandoned.

* This list forms part of the Report on the RED LISTS OF BIOTOPES, FLORA AND FAUNA OF THE TRILATERAL WADDEN SEA AREA. For basic information concerning, for example, function of these lists, species taken into account, structure of the lists and abbreviations used, see also the general introduction to the Red Lists.

Summary

In typical coastal habitats of the Wadden Sea, 15 species of grasshoppers are threatened in at least one subregion. Of these, 14 species are threatened in the entire area and are therefore placed on the trilateral Red List. The situation in the Danish part of the Wadden Sea could only be taken into consideration in a limited way due to the latest available data in Denmark from 1969. The status of 2 species of grasshoppers in the entire Wadden Sea area is critical, 4 species are endangered, the status of 3 species is vulnerable and of 5 species susceptible.

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RED LIST OF GRASSHOPPERS OF THE WADDEN SEA AREA

CR – Critical:

Chorthippus biguttulus
Decticus verrucivorus

EN – Endangered:

Chorthippus dorsatus
Omocestus rufipes
Tetrix ceperoi
Tetrix subulata

VU – Vulnerable:

Metrioptera brachyptera
Metrioptera roeselii
Omocestus viridulus

SU – Susceptible:

Chorthippus mollis
Chorthippus parallelus
Oedipoda coerulescens
Pholidoptera griseoptera
Platycleis albopunctata

LIST OF THREATENED GRASSHOPPERS OF THE WADDEN SEA AREA

	Red List (trilateral)	Status of threat in subregions of the Wadden Sea Area		
		NL	Nds+SH	DK ¹
<i>Chorthippus biguttulus</i> (Linne, 1758)	CR	CR	SU	-
<i>Chorthippus dorsatus</i> (Zetterstedt, 1821)	EN	-	EN	-
<i>Chorthippus mollis</i> (Charpentier, 1825)	SU	-	SU	-
<i>Chorthippus parallelus</i> (Zetterstedt, 1821)	SU	-	SU	-
<i>Decticus verrucivorus</i> (Linne, 1758)	CR	-	CR	-
<i>Metriopectera brachyptera</i> (Linne, 1761)	VU	-	VU	-
<i>Metriopectera roeselii</i> (Hagenbach, 1822)	VU	-	VU	-
<i>Oedipoda caerulescens</i> (Linne, 1758)	SU	SU	-	-
<i>Omocestus rufipes</i> (Zetterstedt, 1821)	EN	-	EN	-
<i>Omocestus viridulus</i> (Linne, 1758)	VU	VU	SU	*
<i>Platycleis albopunctata</i> (Goeze, 1778)	SU	SU	-	-
<i>Pholidoptera griseoaptera</i> (Degeer, 1773)	SU	-	SU	-
<i>Tetrix ceperoi</i> (Bolivar, 1887)	EN	SU	EN	-
<i>Tetrix subulata</i> (Linne, 1761)	EN	CR	EN	*
<i>Tetrix undulata</i> (Sowerby, 1806)	*	*	SU	*

¹ The only Danish data available originate from 1969.

Status of threat:

EX = Extinct; **CR** = Critical; **EN** = Endangered; **VU** = Vulnerable; **SU** = Susceptible; * = not endangered; ? = status of endangerment is not exactly known; - = species does not occur; -(?) = species probably does not occur; (*) = it is unknown if or if not this species occurs.

For more detailed descriptions see the general introduction to the Red Lists.