

Checklist of the Collembola: Pictorial key to common surface dwelling species of Collembola from Belgium



This key is still under construction. **Note** that missing figures will be provided as soon as possible. Currently, the key is in the feasibility study phase to find out how to integrate in the checklist in a modular way a key that has been generated with [DELTA](#).

[Frans Janssens](#), Department of Biology, University of Antwerp, Antwerp, B-2020, Belgium
Michel Vuijlsteke, ...

Preamble

This experimental and macrophotographically illustrated key is intended to key out the most common surface dwelling species of Collembola from the region of Ghent, Belgium, based on habitus inspection of alive specimens in the field using at most a magnification of 5 times.

All illustrations courtesy of Michel Vuijlsteke.

Key

- 1(0). Third antennal segment much longer than other segments (fig.1b).
..... 2
Third antennal segment subequal to other segments (fig.1a)
(fig.2)..... *Orchesella cincta*



Fig.1.



Fig.2.

- 2(1). Body more or less uniform in colour..... 3
Body with at least 4 distinct pale transversal bands (fig.3)....
..... *Tomocerus vulgaris*



Fig.3.

3(2). Fourth antennal segment about as long as second antennal segment (fig.4); third antennal segment tapering apically..... Pogonognathellus flavescens
..... Pogonognathellus flavescens
Fourth antennal segment about as long as sum of first and second antennal segment (fig.5); third antennal segment subcylindrical..... Tomocerus minor



Fig.4.



Fig.5.

Differential diagnoses

Orchesella cincta

Third antennal segment subequal to other segments (fig.1a) (fig.2).

Pogonognathellus flavescens

Body more or less uniform in colour. Fourth antennal segment about as long as second antennal segment (fig.4). Third antennal segment much longer than other segments (fig.1b). Third antennal segment tapering apically.

Tomocerus minor

Body more or less uniform in colour. Fourth antennal segment about as long as sum of first and second antennal segment (fig.5). Third antennal segment much longer than other segments (fig.1b). Third antennal segment subcylindrical.

Tomocerus vulgaris

Body with at least 4 distinct pale transversal bands (fig.3). Third antennal segment much longer than other segments (fig.1b).

References
