

***Alopecosa accentuata* and *A. barbipes* (Araneae, Lycosidae)
in Central and Northern Europe**

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The results of a revision of the taxon *Alopecosa accentuata* (Latreille 1817, s. lat.) for Central and Northern Europe were summarized. I had a close look on habitus, genitalia, sexual behaviour and ecology of individuals out of several European populations. Additionally a great amount of collections were reviewed to get an idea of the geographic distribution pattern. The revision included a review of the systematic and faunistic literature dealing with the combination of the names: *Lycosa*—*Tarentula*—*Alopecosa andrenivora*—*accentuata*—*barbipes*.

The main result was that the taxon *Alopecosa accentuata* (Latreille, 1817) has to be split into two species: *Alopecosa accentuata* (s. str.) and *Alopecosa barbipes* (Sundevall, 1832). Both species can be determined by characteristics of their outer appearance, their genitalia and their courtship display. As living individuals the males can be easily recognized. A checklist of characteristics will be presented, that enables secure identification of both species. Both species are classified as "biospecies", being biologically isolated by aspects of their ecology (habitat preferences, year/life cycle). Behavioural isolation of both species was found to act only in one direction: *Alopecosa barbipes*-females did not accept males of *A. accentuata* for copulation. Both species appeared to occur as parapatric species, until recently a sympatric (not syntopic!) occurrence was found near Berlin (Germany).