

***Pardosa amentata* (Clerck), a well known wolf spider?**

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The paper presents a surprising result from a study on the courtship behaviour of the wolf spider *Pardosa amentata*. The combination of videofilm and simultaneous acoustic record of the courting male wolf spider revealed the fact, that this species obviously produces visual as well as acoustic/vibrational signals in its courtship display. The display is strictly ritualized and therefore is presumed to contain important signals in the sexes' communication.

The display consists mainly of three behavioural elements: (1) vibratory jerks of the opisthosoma, (2) both pedipalps presented in sequence, the palps being emphasized with dense dark hairs, and (3) a long sequence of trill on the substratum with the tips of the forelegs ("leg percussion"). The combination of these three elements is described as one small unit of the display ("verse") that is repeated during the courting walk, leading the male around and near the female. I distinguish between two types of verses: the long vers which contains all three behavioural elements, and the short verse that lack the percussion behaviour with the forelegs (3). The display of some males is measured in detail and the phenomena, judged as display signals are characterized.