**Table 1 -** Ethogram of male courtship behaviours in *Dolomedes minor*.

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|  |  | **Behaviour** | **Description** |
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| Leg vibrations (LV) |  | Leg Raise (LRa) | Raising of one or more of the front legs, straight or slightly bent, for at least one second without performing any specific aerial pattern with the tarsus. Behaviour ends when the leg is lowered and touches the substrate or a specific vibrational pattern is drawn with the tarsus or the whole leg (See Wave and Aerial Tremulation). |
|  | Wave (Wa) | Raising of one or more of the front legs, straight or slightly bent, performing several circular or vertical fluid aerial movements with the whole leg and tarsus. Behaviour ends when the leg has stopped moving for more than one second (see Leg Raise) or is lowered to touch the substrate. |
|  | Aerial Tremulation (ArT) | Raising of one more of the front legs, slightly bent, performing quick and repeated vertical movements, freely in the air or by grabbing a female silk dragline. Behaviour ends when the leg has stopped moving for more than one second (see Leg Raise) or is lowered to touch the substrate. |
|  | Wipe (Wi) | Following Leg Raise, Wave or Aerial Tremulation behaviours, instead of simply touching the substrate, the individual is wiping the substrate with its tarsus, always toward its cephalothorax. |
|  | Quick Tapping (QT) | Extension forward of one or more of the front legs with a quick tapping on the substrate, sometimes performed on female legs when the male is attempting an approach. |
|  | Leg Rubbing (LRu) | While mounting the female, one or more legs are bent and perform quick vertical and repeated movements. Often associated with a repositioning of the male on the female and approaching of the pedipalps toward the female genitalia. |
|  |  | Pedipalp Waving (PW) | Quick vertical and repeated movement of both pedipalps in the air, sometimes while grabbing a female silk dragline. |
|  |  | Body Surge (BS) | Sudden tap of the abdomen on the substrate with contraction of the whole body. Often paired with an abrupt tap of some of the legs on the substrate, especially when they are already raised. |
|  |  | Abdominal Tremulation (AbT) | Repeated quick horizontal vibration of the abdomen without touching the substrate. |
|  |  | Grooming (Gr) | Brushing of the pedipalps, legs and chelicerae together, sometimes only two of them. |
|  |  | Approach (Ap) | Locomotion toward the female accompanied by clear courtship signals. |
|  |  | Retreat (Re) | Quick moving away from the female in response to a clear signal from her such as a vibration, a movement or an attack. Behaviour can be triggered when the male is mounting the female, always leading to the end of Mount behaviour. |
|  |  | Mount (Mo) | Male climbs onto the female’s abdomen. |
|  |  | Pedipalp Insertion (PI) | Extension of one pedipalp toward the genitalia of the female which leads to embolus insertion and successful copulation. |