

Řezáč M., Černecká L.: Letci bez křídel aneb hedvábí ve službách aeronautiky 2.

(Živa 2024, 6: 331–333)

Literatura

- Barth, F.G., Komarek, S., Humphrey, J.A.C. *et al.* 1991. Drop and swing dispersal behavior of a tropical wandering spider: experiments and numerical model. *J Comp Physiol A* **169**, 313–322
<https://doi.org/10.1007/>
- Bell, J. R., Bohan, D. A., Shaw, E. M. & Weyman, G. S. 2005 Ballooning dispersal using silk: world fauna, phylogenies, genetics and models. *Bull. Entomol. Res.* **95**, 1–46. (doi:10.1079/BER2004350).
- Bishop, L., & Riechert, S. E. 1990. Spider colonization of agroecosystems: mode and source. *Environmental entomology*, **19**(6), 1738-1745.
- Blackwall, J. 1827. Observations and experiments made with a view to ascertain the means by which the spiders that produce gossamer effect their aerial excursions. *Transactions of the Linnaean Society of London* **15**:449–459.
- Blandenier, Gilles; Fürst, P. A. Ballooning spiders caught by a suction trap in an agricultural landscape in Switzerland. In: *Proceedings of the 17th European colloquium of arachnology, Edinburgh*. British Arachnological Society Buckinghamshire, 1998. p. 178-186.
- Blandenier, Gilles. Ballooning of spiders (Araneae) in Switzerland: general results from an eleven-year survey. *Arachnology*, 2009, **14**.7: 308-316.
- Bristowe, W.S. 1958. *New Naturalist No. 38 The world of spiders*. Collins, London, 304 pp.
- Clavijo McCormick, A., Arrigo, L., Eggenberger, H. *et al.* 2019. Divergent behavioural responses of gypsy moth (*Lymantria dispar*) caterpillars from three different subspecies to potential host trees. *Sci Rep* **9**, 8953 (2019). <https://doi.org/10.1038/s41598-019-45201-3>
- Coyle, F. A., M. H. Greenstone, A.-L. Hultsch and C. E. Morgan. 1985. Ballooning mygalomorphs: Estimates of the masses of *Sphodros* and *Ummidia* ballooners (Araneae: Atypidae, Ctenizidae). *J.Arachnol.*, **13**:291-296.
- Darwin, C. 1845. *Journal of researches into the natural history and geology of the countries visited during the voyage of H. M. S. Beagle round the world. Under the Command of Capt. Fitz Roy RN (ed) 2nd Edition*. John Murray, New York.
- Duffey, E. 1956. Aerial Dispersal in a Known Spider Population, *J Anim Ecol* vol **25**, p 85.
- Fisher, J. R., Fisher, D. M., Skvarla, M. J., & Dowling, A. P. 2014. Pre-ballooning in *Ummidia* Thorell 1875 (Araneae: Ctenizidae) from the Interior Highlands, USA: second account from the region and review of mygalomorph ballooning. *The Journal of Arachnology*, **42**(3), 318-321.
- Greenstone, M. H., C. E. Morgan and A.-L. Hultsh. 1987. Ballooning spiders in Missouri, USA, and New South Wales, Australia: family and mass distributions. *J. Arachnol.*, **15**:163-170.
- Huber, B. A. 2023. Do pholcid spiders balloon? *Arachnology* **19**(6), 885-887
<https://doi.org/10.13156/ arac.2023.19.6.885>
- Cho, M. 2021. Aerodynamics and the role of the earth's electric field in the spiders' ballooning flight. *Journal of Comparative Physiology A*, **207**(2), 219-236.
- Lister, M. 1678. *Historiae animalium Angliae tres tractatus. Unus de Araneis. Alter de cochleis tum terrestribus tum fluviatilibus. Tertius de cochleis marinis*. Londini, 1678.

- Morley, E. L., & Robert, D. 2018. Electric fields elicit ballooning in spiders. *Current Biology*, 28(14), 2324-2330.
- Prach, F. K. 1860. Život pavouků pravých či předoucích (Araneae). *Živa* 8(2): 92-93.
- Reynolds, A. M., Bohan, D. A., & Bell, J. R. 2006. Ballooning dispersal in arthropod taxa with convergent behaviours: dynamic properties of ballooning silk in turbulent flows. *Biology letters*, 2(3), 371-373.
- Richter, C.J. 1970. Aerial dispersal in relation to habitat in eight wolf spider species (Pardosa, Araneae, Lycosidae). *Oecologia*, 5: 200-214.
- Řezáč, M., & Řezáčová, V. (2019). Mass spring recolonization of agroecosystems by the spider *Oedothorax apicatus* (Linyphiidae: Erigoninae). *Biologia (Bratislava)*, 74(2), 169–172. doi: 10.2478/s11756-018-0159-6
- Sheldon, K. S., Zhao, L., Chuang, A., Panayotova, I. N., Miller, L. A., & Bourouiba, L. 2017. Revisiting the physics of spider ballooning. In *Women in Mathematical Biology: Research Collaboration Workshop, NIMBioS, Knoxville, June 2015* (pp. 163-178). Springer International Publishing.
- Suter, R. B. 1991. Ballooning in spiders: result wind tunnel experiments. *Ethol. Ecol. & Evol* 13-25
- Suter, R. B. 1999. An aerial lottery: the physics of ballooning in a chaotic atmosphere. *Journal of Arachnology*, 281-293.
- Weyman, G. S. 1993. A review of the possible causative factors and significance of ballooning in spiders. *Ethology Ecology & Evolution*, 5(3), 279-291.
- Weyman, G. S., Sunderland, K. D., & Jepson, P. C. 2002. A review of the evolution and mechanisms of ballooning by spiders inhabiting arable farmland. *Ethology Ecology & Evolution*, 14(4), 307-326.
- Weyman, G.S. & P.C. Jepson. 1994. The effect of food supply on the colonisation of barlet by aerially dispersing spiders (Araneae). *Oecologia*, 100: 386-390.