

Řezáč M., Černecká L.: Letci bez křídel aneb Hedvábí ve službách aeronautiky 1.

(Živa 2024, 5: 278–289)

Literatura

- 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.
- 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. In: 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.
- 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.
- 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 barley by aerially dispersing spiders (Araneae). *Oecologia*, 100: 386-390.