

## Vetenskapliga publikationer (26)

- Nord, M., Ranlund, Å., Gustafsson, L., Johansson, V., Pärt, T. & Forslund, P. 2019. The effectiveness of area protection to capture coastal bird richness and occurrence in the Swedish archipelago. *Global Ecology and Conservation*, in press
- Ranlund, Å., Hylander, K., Johansson, V., Jonsson, F., Nordin, U. & Gustafsson, L. 2018. Epiphytic lichen responses to environmental change due to clearcutting differ among tree taxa. *Journal of Vegetation Science*, 29: 1065-1074
- Zanatta, F., Vanderpoorten, A., Hedenäs, L., Johansson, V., Patiño, J., Lönnell, N. & Hylander, K. 2018. Under which humidity conditions are moss spores released? A comparison between species with perfect and specialized peristomes. *Ecology and Evolution*, 8: 11484-11491
- Johansson, V., Koffman, A., Hedblom, M., Deboni, G. & Andersson, P. 2018. Estimates of accessible food resources for pollinators in urban landscapes should take landscape friction into account. [Ecosphere, 9: e02486](#)
- Johansson, V., Wikström, C-J. & Hylander, K. 2018. Time-lagged lichen extinction in retained buffer strips 16.5 years after clear-cutting. [Biological Conservation, 225: 53-65](#)
- Snäll T, Johansson V, Jönsson M, Ortiz C, Hammar T, Caruso A, Svensson M, Stendahl J. 2017. Transient trade-off between climate benefit and biodiversity of harvesting stump for bioenergy. *Global Change Biology Bioenergy*, 9: 1751–1763
- Andersson, P., Koffman, A., Sjödin, E. & Johansson, V. 2017. Roads may act as barriers to flying insects: species composition of bees and wasps differs on two sides of a large highway. *Nature Conservation*, 18: 47-59
- Hiron, M., Jonsell, M., Kubart, A., Thor, G., Schroeder, M., Dahlberg, A., Johansson, V., & Ranius, T. 2017. Consequences of bioenergy wood extraction for landscape-level availability of habitat for dead wood-dependent organisms. *Journal of Environmental Management*, 198: 33-42
- Johansson, V., Knape, J. & Franzén, M. 2017. Population dynamics and future persistence of the Clouded Apollo butterfly in southern Scandinavia: The importance of low intensity grazing and creation of habitat patches. [Biological Conservation, 206: 120-131](#)
- Johansson, V., Lönnell, N., Rannik, U., Sundberg, S. & Hylander, K. 2016. Air humidity thresholds trigger active moss spore release to extend dispersal in space and time. [Functional Ecology, 30: 1196-1204](#)
- Johansson, V., Felton, A. & Ranius, T. 2016. Long-term landscape scale effects of bioenergy extraction on dead wood-dependent species. [Forest Ecology and Management, 371: 103-113](#)

- Hallinger, M., Johansson, V., Schmalholz, M., Sjöberg, S. & Ranius, T. 2016. Factors driving tree mortality in retained forest fragments. *Forest Ecology and Management*, 368: 163-172
- Kärvemo, S., Johansson, V., Schroeder, M. & Ranius, T. 2016. Local colonisation-extinction dynamics of a tree-killing bark beetle during a large-scale outbreak. *Ecosphere*, 7: e01257
- Svensson, M., Johansson, V., Dahlberg, A. Frisch, A. Thor, G. & Ranius, T. 2016. The relative importance of stand and dead wood types for wood-dependent lichens in managed boreal forests. *Fungal Ecology*, 20: 166-174
- Ranius, T., Johansson, V., Schroeder, M. & Caruso, A. 2015. Relative importance of habitat characteristics at multiple spatial scales for wood-dependent beetles in boreal forest. *Landscape Ecology*, 23: 513-535
- Lönnell, N., Norros, V., Rannik, U., Sundberg, S., Johansson, V., Ovaskainen, O. & Hylander, K. 2015. Testing a mechanistic dispersal model against a dispersal experiment with a wind-dispersed moss. *Oikos*, 124: 1232-1240
- Johansson, V., Lönnell, N., Sundberg, S. & Hylander, K. 2014. Release thresholds for moss spores: the importance of turbulence and sporophyte length. [Journal of Ecology, 102: 721-729](#)
- Johansson, V., Ranius, T. & Snäll, T. 2014. Development of secondary woodland decreases epiphyte metapopulation sizes in wooded grasslands. [Biological Conservation 172: 49-55](#)
- Franzén, M., Nilsson, S.G., Johansson, V. & Ranius, T. 2013. Population fluctuations and synchrony of grassland butterflies in relation to species traits. *PLoS ONE* 8: e78233
- Johansson, V., Snäll, T. & Ranius, T. 2013. Estimates of connectivity reveal non-equilibrium epiphyte occurrence patterns almost 180 years after habitat decline. [Oecologia 172: 607-615](#)
- Johansson, V., Ranius, T. & Snäll, T. 2013. Epiphyte metapopulation persistence after drastic habitat decline and low tree regeneration: time lags and effects of conservation actions. [Journal of Applied Ecology 50: 414-422](#)
- Johansson, V., Ranius, T. & Snäll, T. 2012. Epiphyte metapopulation dynamics are explained by species traits, connectivity and patch dynamics. [Ecology 93: 235-241](#)
- Ranius, T., Johansson, V. & Fahrig, L. 2011. Predicting spatial occurrence of beetles and pseudoscorpions in hollow oaks in southeastern Sweden. *Biodiversity and Conservation* 20: 2027–2040
- Ranius, T., Johansson, V. & Fahrig, L. 2010. A comparison of patch connectivity measures using data on invertebrates in hollow oaks. *Ecography* 33: 971-978

Johansson, V., Snäll, T., Johansson, P. & Ranius, T. 2010. Detection probability and abundance estimation of epiphytic lichens based on height-limited surveys. [Journal of Vegetation Science 21: 332-341](#)

Johansson, V., Bergman, K. -O., Lättman, H. & Milberg, P. 2009. Tree and site quality preferences of six epiphytic lichens growing on oaks in southeastern Sweden. [Annales Botanici Fennici 46: 496-506](#)

### **Doktorsavhandling**

Johansson, V. 2012. Distribution and persistence of epiphyte metapopulations in dynamic landscapes. Doctoral thesis No. 2012:17, Department of Ecology, Swedish University of Agricultural Sciences, Uppsala

### **Rapporter och populärvetenskapliga publikationer**

Stubbskörd och biologisk mångfald. 2017. Jonsell, M., Dahlberg, A., Johansson, V., Hjältén, J., & Victorsson, J. i *Stubbskörd – hur påverkas klimat och miljö?* (red.) Persson, T., Palmér, C.H. & Lithell, C., Sveriges lantbruksuniversitet (SLU), Uppsala

Ranius, T., Hallinger, M., Schmalholz, M. & Johansson, V. 2016. Risken att lämnade träd dör efter slutavverkning - hur stor är den och vilka är riskfaktorerna? Fakta Skog 6

Johansson, V., Lönnell, N., Sundberg, S. & Hylander, K. 2014. Hur frisläpps mossors sporer? Svensk Botanisk Tidskrift 108(5): 254:259

Johansson, V., Caruso, A. & Snäll, T. 2013. Vedlevande lavarters populationsutveckling i fragmenterade landskap: effekten av olika scenarier av stubbskörd. Slutrapport, Energimyndigheten, projekt nr 35137-1

Johansson, V., Ranius, T. & Snäll, T. 2013. Brist på gamla ekar hotar lavar (Old oaks and lichens). Svensk Botanisk Tidskrift 107(6): 344-349

Ranius, T. & Johansson, V. 2012. Hur stor andel av sällsynta insekters förekomster känner vi till? [Which proportion of the occurrences of rare insects is known?] – Entomologisk Tidskrift 133 (3): 101-104.

Johansson, V. & Svensson, M. 2010. Polylepis trotsar höjderna i Argentina (Polylepis – the world's highest growing tree). Svensk Botanisk Tidskrift 104(5): 316-320

Johansson, V. 2008. Metapopulation dynamics of epiphytes in a landscape of dynamic patches. Introductory Research Essay No 02. Department of Ecology, Swedish University of Agricultural Sciences, Uppsala