# Mats Jonsell

## List of Publications by Year in descending order



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|---|---|---|---|
| 28 papers | 1,678 citations | 430874 18 h-index | 526287 27 g-index |
| 28 all docs | 28 docs citations | 28 times ranked | 2246 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Substrate requirements of red-listed saproxylic invertebrates in Sweden. Biodiversity and Conservation, 1998, 7, 749-764. | 2.6 | 413 |
| 2 | The database of the <scp>PREDICTS</scp> (Projecting Responses of Ecological Diversity In Changing) Tj ETQq0 0 0 rgBT /Overlock 10 T | 1.9 | 186 |
| 3 | The <scp>PREDICTS</scp> database: a global database of how local terrestrial biodiversity responds to human impacts. Ecology and Evolution, 2014, 4, 4701-4735. | 1.9 | 178 |
| 4 | Diversity of saproxylic beetle species in logging residues in Sweden â€“ Comparisons between tree species and diameters. Biological Conservation, 2007, 138, 89-99. | 4.1 | 114 |
| 5 | Effects of fuelwood harvesting on biodiversityÂâ€” a review focused on the situation in Europe<sup>1</sup>This article is one of a selection of papers from the International Symposium on Dynamics and Ecological Services of Deadwood in Forest Ecosystems.. Canadian Journal of Forest Research, 2012, 42, 1421-1432. | 1.7 | 110 |
| 6 | Felled or standing retained woodâ€”it makes a difference for saproxylic beetles. Forest Ecology and Management, 2003, 175, 425-435. | 3.2 | 107 |
| 7 | Insects in polypore fungi as indicator species: a comparison between forest sites differing in amounts and continuity of dead wood. Forest Ecology and Management, 2002, 157, 101-118. | 3.2 | 89 |
| 8 | Colonization Patterns of Insects Breeding in Wood-Decaying Fungi. Journal of Insect Conservation, 1999, 3, 145-161. | 1.4 | 85 |
| 9 | Saproxylic beetles in high stumps of spruce: Fungal flora important for determining the species composition. Scandinavian Journal of Forest Research, 2005, 20, 54-62. | 1.4 | 65 |
| 10 | The tree species matters: Biodiversity and ecosystem service implications of replacing Scots pine production stands with Norway spruce. Ambio, 2020, 49, 1035-1049. | 5.5 | 44 |
| 11 | Old park trees as habitat for saproxylic beetle species. Biodiversity and Conservation, 2012, 21, 619-642. | 2.6 | 40 |
| 12 | Logs and stumps in clearcuts support similar saproxylic beetle diversity: implications for bioenergy harvest. Silva Fennica, 2011, 45, . | 1.3 | 36 |
| 13 | Proportions of saproxylic beetle populations that utilise clear-cut stumps in a boreal landscape â€“ Biodiversity implications for stump harvest. Forest Ecology and Management, 2014, 334, 313-320. | 3.2 | 35 |
| 14 | Ecological traps and habitat loss, stump extraction and its effects on saproxylic beetles. Forest Ecology and Management, 2013, 290, 22-29. | 3.2 | 24 |
| 15 | Effects of stump extraction on saproxylic beetle diversity in <scp>S</scp>wedish clearâ€cuts. Insect Conservation and Diversity, 2013, 6, 483-493. | 3.0 | 23 |
| 16 | Saproxylic insect fauna in stumps on wet and dry soil: Implications for stump harvest. Forest Ecology and Management, 2013, 290, 15-21. | 3.2 | 21 |
| 17 | Saproxylic beetle assemblages in artificially created highâ€stumps of spruce (Picea abies) and birch (Betula pendula/pubescens) â€“ does the surrounding landscape matter?. Insect Conservation and Diversity, 2009, 2, 284-294. | 3.0 | 20 |
| 18 | Restoration of semi-natural grasslands, a success for phytophagous beetles (Curculionidae). Biodiversity and Conservation, 2016, 25, 3005-3022. | 2.6 | 20 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Consequences of bioenergy wood extraction for landscape-level availability of habitat for dead wood-dependent organisms. Journal of Environmental Management, 2017, 198, 33-42. | 7.8 | 16 |
| 20 | Forest biodiversity and ecosystem services from spruce-birch mixtures: The potential importance of tree spatial arrangement. Environmental Challenges, 2022, 6, 100407. | 4.2 | 12 |
| 21 | Sand pits as habitats for beetles (Coleoptera): does area affect species number and composition?. Biodiversity and Conservation, 2012, 21, 853-874. | 2.6 | 11 |
| 22 | Structure of insect community in the fungusInonotus radiatusin riparian boreal forests. Journal of Natural History, 2016, 50, 1613-1631. | 0.5 | 10 |
| 23 | Overlooked subterranean saproxylic beetle diversity in clear-cut stumps and its implications for stump extraction. Forest Ecology and Management, 2016, 371, 59-66. | 3.2 | 9 |
| 24 | Substrate specificity among Diptera in decaying bioenergy wood: can they be conserved by the same measures as are currently applied to beetles?. Biodiversity and Conservation, 2020, 29, 2623-2662. | 2.6 | 4 |
| 25 | The evolutionary species pool concept does not explain occurrence patterns of dead-wood-dependent organisms: implications for logging residue extraction. Oecologia, 2019, 191, 241-252. | 2.0 | 2 |
| 26 | Diptera in clear-felling stumps like it dry. Scandinavian Journal of Forest Research, 2019, 34, 673-677. | 1.4 | 2 |
| 27 | Can field botany be effectively taught as a distance course? Experiences and reflections from the COVID-19 pandemic. AoB PLANTS, 2022, 14, plab079. | 2.3 | 2 |
| 28 | Do different growth rates of trees cause distinct habitat qualities for saproxylic assemblages?. Oecologia, 2021, 197, 807-816. | 2.0 | 0 |