Anne Sverdrup-Thygeson

List of Publications by Year
in descending order

68 papers	3,097 citations	236925 25 h-index	161849 54 g-index
73 all docs	73 docs citations	73 times ranked	2981 citing authors

#	Article	IF	Citations
1	Flattening the curve: approaching complete sampling for diverse beetle communities. Insect Conservation and Diversity, 2022, 15, 157-167.	3.0	10
2	DNA metabarcoding reveals host-specific communities of arthropods residing in fungal fruit bodies. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212622.	2.6	6
3	Functional structure of European forest beetle communities is enhanced by rare species. Biological Conservation, 2022, 267, 109491.	4.1	16
4	Legacies of invertebrate exclusion and tree secondary metabolites control fungal communities in dead wood. Molecular Ecology, 2022, 31, 3241-3253.	3.9	6
5	Disentangling phylogenetic relations and biogeographic history within the Cucujus haematodes species group (Coleoptera: Cucujidae). Molecular Phylogenetics and Evolution, 2022, 173, 107527.	2.7	1
6	Veteran trees have divergent effects on beetle diversity and wood decomposition. PLoS ONE, 2021, 16, e0248756.	2.5	2
7	Introducing the index-based ecological condition assessment framework (IBECA). Ecological Indicators, 2021, 124, 107252.	6.3	15
8	Choosy beetles: How host trees and southern boreal forest naturalness may determine dead wood beetle communities. Forest Ecology and Management, 2021, 487, 119023.	3.2	12
9	What does a threatened saproxylic beetle look like? Modelling extinction risk using a new morphological trait database. Journal of Animal Ecology, 2021, 90, 1934-1947.	2.8	23
10	The contribution of insects to global forest deadwood decomposition. Nature, 2021, 597, 77-81.	27.8	123
11	Moth species richness and diversity decline in a 30-year time series in Norway, irrespective of speciesâ€™ latitudinal range extent and habitat. Journal of Insect Conservation, 2021, 25, 887-896.	1.4	5
12	Traits mediate niches and coâ€occurrences of forest beetles in ways that differ among bioclimatic regions. Journal of Biogeography, 2021, 48, 3145-3157.	3.0	16
13	The handbook for standardized field and laboratory measurements in terrestrial climate change experiments and observational studies (ClimEx). Methods in Ecology and Evolution, 2020, 11, 22-37.	5.2	68
14	Species composition of beetles grouped by host association in hollow oaks reveals management-relevant patterns. Journal of Insect Conservation, 2020, 24, 65-86.	1.4	6
15	Veteran trees are a source of natural enemies. Scientific Reports, 2020, 10, 18485.	3.3	10
16	Sampling beetle communities: Trap design interacts with weather and species traits to bias capture rates. Ecology and Evolution, 2020, 10, 14300-14308.	1.9	9
17	Environmental conditions alter successional trajectories on an ephemeral resource: a field experiment with beetles in dead wood. Oecologia, 2020, 194, 205-219.	2.0	8
18	Setting reference levels and limits for good ecological condition in terrestrial ecosystems â€“ Insights from a case study based on the IBECA approach. Ecological Indicators, 2020, 116, 106492.	6.3	9

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19	Forest fragmentation modifies the composition of bumblebee communities and modulates their trophic and competitive interactions for pollination. Scientific Reports, 2020, 10, 10872.	3.3	17
20	Hollow oaks and beetle functional diversity: Significance of surroundings extends beyond taxonomy. Ecology and Evolution, 2020, 10, 819-831.	1.9	16
21	Near-natural forests harbor richer saproxylic beetle communities than those in intensively managed forests. Forest Ecology and Management, 2020, 466, 118124.	3.2	11
22	Diptera in clear-felling stumps like it dry. Scandinavian Journal of Forest Research, 2019, 34, 673-677.	1.4	2
23	Revealing hidden insectâ€"fungus interactions; moderately specialized, modular and anti-nested detritivore networks. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172833.	2.6	16
24	At which spatial and temporal scales can fungi indicate habitat connectivity?. Ecological Indicators, 2018, 91, 138-148.	6.3	34
25	Stump extraction in the surrounding landscape: Predatory saproxylic beetles are more negatively affected than lower trophic levels. Forest Ecology and Management, 2018, 408, 75-86.	3.2	9
26	Longâ€lasting effects of logging on beetles in hollow oaks. Ecology and Evolution, 2018, 8, 10126-10137.	1.9	5
27	Insect-Fungus Interactions in Dead Wood Systems. Zoological Monographs, 2018, , 377-427.	1.1	45
28	Exclusion of invertebrates influences saprotrophic fungal community and wood decay rate in an experimental field study. Functional Ecology, 2018, 32, 2571-2582.	3.6	25
29	Interactions between body size, abundance, seasonality, and phenology in forest beetles. Ecology and Evolution, 2017, 7, 1091-1100.	1.9	26
30	Habitat connectivity affects specialist species richness more than generalists in veteran trees. Forest Ecology and Management, 2017, 403, 96-102.	3.2	33
31	Wood-inhabiting insects can function as targeted vectors for decomposer fungi. Fungal Ecology, 2017, 29, 76-84.	1.6	47
32	Prediction of biodiversity hotspots in the Anthropocene: The case of veteran oaks. Ecology and Evolution, 2017, 7, 7987-7997.	1.9	7
33	Spatial configuration matters: a test of the habitat amount hypothesis for plants in calcareous grasslands. Landscape Ecology, 2016, 31, 1891-1902.	4.2	34
34	Can airborne laser scanning assist in mapping and monitoring natural forests?. Forest Ecology and Management, 2016, 369, 116-125.	3.2	18
35	Short-term effects of stump harvesting on millipedes and centipedes on coniferous tree stumps. Forest Ecology and Management, 2016, 371, 67-74.	3.2	14
36	Effect of Habitat Size, Quality, and Isolation on Functional Groups of Beetles in Hollow Oaks. Journal of Insect Science, 2016, 16, 26.	1.5	26

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37	Priority effects of early successional insects influence late successional fungi in dead wood. Ecology and Evolution, 2015, 5, 4896-4905.	1.9	32
38	Specialists in ancient trees are more affected by climate than generalists. Ecology and Evolution, 2015, 5, 5632-5641.	1.9	26
39	Trophic levels and habitat specialization of beetles caught on experimentally added aspen wood: Does trap type really matter?. Journal of Insect Conservation, 2015, 19, 163-173.	1.4	11
40	Plant species occurrence in a fragmented grassland landscape: the importance of species traits. Biodiversity and Conservation, 2015, 24, 547-561.	2.6	26
41	Scale-specific responses of saproxylic beetles: combining dead wood surveys with data from satellite imagery. Journal of Insect Conservation, 2015, 19, 1053-1062.	1.4	15
42	Numerical Responses of Saproxylic Beetles to Rapid Increases in Dead Wood Availability following Geometrid Moth Outbreaks in Sub-Arctic Mountain Birch Forest. PLoS ONE, 2014, 9, e99624.	2.5	12
43	Spatial and temporal scales relevant for conservation of dead-wood associated species: current status and perspectives. Biodiversity and Conservation, 2014, 23, 513-535.	2.6	81
44	Reactive forest management can also be proactive for wood-living beetles in hollow oak trees. Biological Conservation, 2014, 180, 75-83.	4.1	30
45	Do conservation measures in forest work? A comparison of three area-based conservation tools for wood-living species in boreal forests. Forest Ecology and Management, 2014, 330, 8-16.	3.2	22
46	Isolation and characterization of ten microsatellite loci for the wood-living and threatened beetle Cucujus cinnaberinus (Coleoptera: Cucujidae). Conservation Genetics Resources, 2014, 6, 641-643.	0.8	4
47	REVIEW: Can retention forestry help conserve biodiversity? A metaâ€analysis. Journal of Applied Ecology, 2014, 51, 1669-1679.	4.0	314
48	Spatial Overlap between Environmental Policy Instruments and Areas of High Conservation Value in Forest. PLoS ONE, 2014, 9, e115001.	2.5	8
49	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
50	Ecological traps and habitat loss, stump extraction and its effects on saproxylic beetles. Forest Ecology and Management, 2013, 290, 22-29.	3.2	24
51	Using mass scaling of movement cost and resource encounter rate to predict animal body sizeâ€"Population density relationships. Theoretical Population Biology, 2013, 86, 23-28.	1.1	7
52	A major shift to the retention approach for forestry can help resolve some global forest sustainability issues. Conservation Letters, 2012, 5, 421-431.	5.7	328
53	Semiâ€field experiments investigating facilitation: arrival order decides the interrelationship between two saproxylic beetle species. Ecological Entomology, 2012, 37, 395-401.	2.2	10
54	Retention Forestry to Maintain Multifunctional Forests: A World Perspective. BioScience, 2012, 62, 633-645.	4.9	633

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55	Predicting hotspots for red-listed species: multivariate regression models for oak-associated beetles. Insect Conservation and Diversity, 2011, 4, 53-59.	3.0	11
56	Stable fly (Stomoxys calcitrans) and house fly (Musca domestica) densities: a comparison of three monitoring methods on pig farms. Journal of Pest Science, 2011, 84, 273-280.	3.7	12
57	Hollow oaks and beetle conservation: the significance of the surroundings. Biodiversity and Conservation, 2010, 19, 837-852.	2.6	59
58	Tree retention as a conservation measure in clear-cut forests of northern Europe: a review of ecological consequences. Scandinavian Journal of Forest Research, 2010, 25, 295-308.	1.4	188
59	Woodland key habitats in northern Europe: concepts, inventory and protection. Scandinavian Journal of Forest Research, 2010, 25, 309-324.	1.4	113
60	Colonization of experimentally arranged resource patches - a case study of fungivorous beetles. Entomologica Fennica, 2010, 21, 139-150.	0.6	1
61	Saproxylic beetles in high stumps and residual downed wood on clear-cuts and in forest edges. Scandinavian Journal of Forest Research, 2009, 24, 403-416.	1.4	28
62	What window traps can tell us: effect of placement, forest openness and beetle reproduction in retention trees. Journal of Insect Conservation, 2009, 13, 183-191.	1.4	59
63	Assessment of species diversity from species abundance distributions at different localities. Oikos, 2008, 117, 738-748.	2.7	24
64	A comparison of biodiversity values in boreal forest regeneration areas before and after forest certification. Scandinavian Journal of Forest Research, 2008, 23, 236-243.	1.4	19
65	Ecological continuity and assumed indicator fungi in boreal forest: the importance of the landscape matrix. Forest Ecology and Management, 2003, 174, 353-363.	3.2	49
66	Key Habitats in the Norwegian Production Forest: A Case Study. Scandinavian Journal of Forest Research, 2002, 17, 166-178.	1.4	29
67	The effect of forest clearcutting in Norway on the community of saproxylic beetles on aspen. Biological Conservation, 2002, 106, 347-357.	4.1	131
68	Fungus-infected trees as islands in boreal forest: Spatial distribution of the fungivorous beetle Bolitophagus reticulatus (Coleoptera, Tenebrionidae). Ecoscience, 1998, 5, 486-493.	1.4	32