

## Short presentation

Researches and teaches ecology and biodiversity, with special focus on community assembly, with a preference for plants and their associated biota of insects and fungi, and on evidence-based nature conservation.

## Publications

### **Changes in composition and function of soil microbial communities during secondary succession in oldfields on the Tibetan Plateau**

Ma, Hui, Yan, X., Gao, E., Qiu, Y., Sun, X., Wang, S., Wang, Y., Bruun, Hans Henrik, He, Z., Shi, X. & Zhao, Z., 2024, In: *Plant and Soil*. 495, p. 429–443 15 p.

### **A Roundtable on the Skjern River Delta and New Narratives in Nature Restoration: A Swampy and Impenetrable Landscape with Unpredictable Natural Dynamics**

Bruun, Hans Henrik, Ejrnæs, R., Brunbjerg, A. K., Larsen, R. E., Dalgas, G. S. & Carstensen, J. S., 2023, *Critical Coast*. Arkitektens Forlag, 20 p.

### **Aquatic Plants of Northern and Central Europe including Britain and Ireland: Monumental vandplantebog**

Bruun, Hans Henrik, 2023, In: *Urt*. 47, 3, p. 32-33 2 p.

### **Decoupled phylogenetic and functional diversity in European grasslands**

Večeřa, M., Axmanová, I., Chytrý, M., Divíšek, J., Ndiribe, C., Mones, G. V., Čeplová, N., Ačić, S., Bahn, M., Bergamini, A., Boenisch, G., Biurrun, I., Bruun, H. H., Byun, C., Catford, J. A., Cerabolini, B. E. L., Cornelissen, J. H. C., Dengler, J., Jansen, F., Jansen, S. & 17 others, Kattge, J., Kozub, Ł., Kuzemko, A., Minden, V., Mitchell, R. M., Moeslund, J. E., Mori, A. S., Niinemets, Ü., Ruprecht, E., Rusina, S., Šilc, U., Soudzilovskaia, N. A., van Bodegom, P. M., Vassilev, K., Weiher, E., Wright, I. J. & Lososová, Z., 2023, In: *Preslia*. 95, 4, p. 413-445 33 p.

### **Ecological Indicator Values for Europe (EIVE) 1.0**

Dengler, J., Jansen, F., Chusova, O., Hüllbusch, E., Nobis, M. P., Van Meerbeek, K., Axmanová, I., Bruun, H. H., Chytrý, M., Guarino, R., Karrer, G., Moeys, K., Raus, T., Steinbauer, M. J., Tichý, L., Tyler, T., Batsatsashvili, K., Bitá-Nicolae, C., Didukh, Y., Diekmann, M. & 14 others, Englisch, T., Fernández-Pascual, E., Frank, D., Graf, U., Hájek, M., Jelaska, S. D., Jiménez-Alfaro, B., Julve, P., Nakhutsrishvili, G., Ozinga, W. A., Ruprecht, E. K., Šilc, U., Theurillat, J. P. & Gillet, F., 2023, In: *Vegetation Classification and Survey*. 4, p. 7-29 23 p.

### **Erstnachweis von *Jaapiella chelidonii* in Deutschland und von *Mayetiola hellwigi* in Schleswig-Holstein (Diptera: Cecidomyiidae)**

Bruun, Hans Henrik, 2023, In: *Virgo - Mitteilungsblatt des Entomologischen Vereins Mecklenburg*. 26, p. 91-92 2 p.

### **Global beta-diversity of angiosperm trees is shaped by Quaternary climate change**

Xu, W. B., Guo, W. Y., Serra-Diaz, J. M., Schrodtt, F., Eiserhardt, W. L., Enquist, B. J., Maitner, B. S., Merow, C., Violle, C., Anand, M., Belluau, M., Bruun, H. H., Byun, C., Catford, J. A., Cerabolini, B. E. L., Chacón-Madrigal, E., Ciccarelli, D., Cornelissen, J. H. C., Dang-Le, A. T., de Frutos, A. & 39 others, Dias, A. S., Giroldo, A. B., Gutiérrez, A. G., Hattingh, W., He, T., Hietz, P., Hough-Snee, N., Jansen, S., Kattge, J., Komac, B., Kraft, N. J. B., Kramer, K., Lavorel, S., Lusk, C. H., Martin, A. R., Ma, K. P., Mencuccini, M., Michaletz, S. T., Minden, V., Mori, A. S., Niinemets, Ü., Onoda, Y., Onstein, R. E., Peñuelas, J., Pillar, V. D., Pisek, J., Pound, M. J., Robroek, B. J. M., Schamp, B., Slot, M., Sun, M., Sosinski, É. E., Soudzilovskaia, N. A., Thiffault, N., van Bodegom, P. M., van der Plas, F., Zheng, J., Svenning, J. C. & Ordóñez, A., 2023, In: *Science Advances*. 9, 14, 19 p., eadd8553.

### **Grazing by semi-feral cattle and horses supports plant species richness and uniqueness in grasslands**

Bonavent, C., Olsen, K., Ejrnæs, R., Fløjgaard, C., Hansen, M. D. D., Normand, S., Svenning, J. & Bruun, Hans Henrik, 2023, In: *Applied Vegetation Science*. 26, 1, 12 p., e12718.

### **High nutrient loads hinder successful restoration of natural habitats in freshwater wetlands**

Moeslund, J. E., Andersen, D. K., Brunbjerg, A. K., Bruun, Hans Henrik, Fløjgaard, C., McQueen, S. N., Nygaard, B. & Ejrnæs, R., 2023, In: *Restoration Ecology*. 31, 7, 13 p., e13796.

**Integrative taxonomy of Central European *Planetella* (Diptera: Cecidomyiidae) indicates high species diversity, intraspecific variation and low host specificity**

Ševčík, J., Hippa, H., Burdík, N., Sopuch, K., Skuhravá, M. & Bruun, Hans Henrik, 2023, In: Acta Entomologica Musei Nationalis Pragae. 63, 2, p. 413-450 38 p.

**Leaf-level coordination principles propagate to the ecosystem scale**

Gomasca, U., Migliavacca, M., Kattge, J., Nelson, J. A., Niinemets, Ü., Wirth, C., Cescatti, A., Bahn, M., Nair, R., Acosta, A. T. R., Arain, M. A., Beloiu, M., Black, T. A., Bruun, H. H., Bucher, S. F., Buchmann, N., Byun, C., Carrara, A., Conte, A., da Silva, A. C. & 24 others, Duveiller, G., Fares, S., Ibrom, A., Knohl, A., Komac, B., Limousin, J. M., Lusk, C. H., Mahecha, M. D., Martini, D., Minden, V., Montagnani, L., Mori, A. S., Onoda, Y., Peñuelas, J., Perez-Priego, O., Poschlod, P., Powell, T. L., Reich, P. B., Šigut, L., van Bodegom, P. M., Walther, S., Wohlfahrt, G., Wright, I. J. & Reichstein, M., 2023, In: Nature Communications. 14, 1, 11 p., 3948.

**More warm-adapted species in soil seed banks than in herb layer plant communities across Europe**

Auffret, A. G., Vangansbeke, P., De Frenne, P., Auestad, I., Basto, S., Grandin, U., Jacquemyn, H., Jakobsson, A., Kalamees, R., Koch, M. A., Marrs, R., Marteinsdóttir, B., Wagner, M., Bekker, R. M., Bruun, H. H., Decocq, G., Hermy, M., Jankowska-Błaszczuk, M., Milberg, P., Måren, I. E. & 6 others, Pakeman, R. J., Phoenix, G. K., Thompson, K., Van Calster, H., Vandvik, V. & Plue, J., 2023, In: Journal of Ecology. 111, 5, 12 p.

**Rapid and continuing regional decline of butterflies in eastern Denmark 1993-2019**

Bjerregård, E. B., Båstrup-Spohr, Lars, Markussen, Bo & Bruun, Hans Henrik, 2023, In: Biological Conservation. 284, 8 p., 110208.

**Rooting depth and xylem vulnerability are independent woody plant traits jointly selected by aridity, seasonality, and water table depth**

Laughlin, D. C., Siefert, A., Fleri, J. R., Tumber-Dávila, S. J., Hammond, W. M., Sabatini, F. M., Damasceno, G., Aubin, I., Field, R., Hatim, M. Z., Jansen, S., Lenoir, J., Lens, F., McCarthy, J. K., Niinemets, Ü., Phillips, O. L., Attorre, F., Bergeron, Y., Bruun, H. H., Byun, C. & 18 others, Čušterevska, R., Dengler, J., De Sanctis, M., Dolezal, J., Jiménez-Alfaro, B., Hérault, B., Homeier, J., Kattge, J., Meir, P., Mencuccini, M., Noroozi, J., Nowak, A., Peñuelas, J., Schmidt, M., Škvorc, Ž., Sultana, F., Ugarte, R. M. & Bruelheide, H., 2023, In: New Phytologist. 240, 5, 14 p.

**Treated like dirt: Robust forensic and ecological inferences from soil eDNA after challenging sample storage**

Frøslev, Tobias Guldberg, Ejrnæs, R., Hansen, Anders Johannes, Bruun, Hans Henrik, Nielsen, Ida Broman, Ekelund, Flemming, Vestergård, M. & Kjølter, Rasmus, 2023, In: Environmental DNA. 5, 1, p. 158-174 17 p.

**Where are we now with European forest multi-taxon biodiversity and where can we head to?**

Burrascano, S., Chianucci, F., Trentanovi, G., Kepfer-Rojas, S., Sitzia, T., Tinya, F., Doerfler, I., Paillet, Y., Nagel, T. A., Mitic, B., Morillas, L., Munzi, S., Van der Sluis, T., Alterio, E., Balducci, L., de Andrade, R. B., Bouget, C., Giordani, P., Lachat, T., Matosevic, D. & 117 others, Napoleone, F., Nascimbene, J., Paniccia, C., Roth, N., Aszalós, R., Brazaitis, G., Cutini, A., D'Andrea, E., De Smedt, P., Heilmann-Clausen, Jacob, Janssen, P., Kozák, D., Mårell, A., Mikoláš, M., Nordén, B., Matula, R., Schall, P., Svoboda, M., Ujhazyova, M., Vandekerckhove, K., Wohlwend, M., Xystrakis, F., Aleffi, M., Ammer, C., Archaux, F., Asbeck, T., Avtzis, D., Ayasse, M., Bagella, S., Balestrieri, R., Barbati, A., Basile, M., Bergamini, A., Bertini, G., Biscaccianti, A. B., Boch, S., Bölöni, J., Bombi, P., Boscardin, Y., Brunialti, G., Bruun, Hans Henrik, Buscot, F., Byriel, David Bille, Campagnaro, T., Campanaro, A., Chauvat, M., Ciach, M., Čiliak, M., Cistrone, L., Pereira, J. M. C., Daniel, R., De Cinti, B., De Filippo, G., Dekoninck, W., Di Salvatore, U., Dumas, Y., Elek, Z., Ferretti, F., Fotakis, D., Frank, T., Frey, J., Giancola, C., Gomoryová, E., Gosselin, M., Gosselin, F., Gossner, M. M., Götmark, F., Haeler, E., Hansen, A. K., Hertzog, L., Hofmeister, J., Hošek, J., Johannsen, VK, Justesen, Mathias Just, Korboulewsky, N., Kovács, B., Lakatos, F., Landivar, C. M., Lens, L., Lingua, E., Lombardi, F., Máliš, F., Marchino, L., Marozas, V., Matteucci, G., Mattioli, W., Møller, P. F., Müller, J., Németh, C., Ónodi, G., Parisi, F., Perot, T., Perret, S., Persiani, A. M., Portaccio, A., Posillico, M., Preikša, Ž., Rahbek, Carsten, Rappa, N. J., Ravera, S., Romano, A., Samu, F., Scheidegger, C., Schmidt, Inger Kappel, Schwegmann, S., Sicuriello, F., Spinu, A. P., Spyroglou, G., Stillhard, J., Topalidou, E., Tøttrup, Anders P., Ujházy, K., Veres, K., Verheyen, K., Weisser, W. W., Zapponi, L. & Ódor, P., 2023, In: Biological Conservation. 284, 13 p., 110176.

**Naturpligt skal sikre mere og vildere natur i Danmark**

Baaner, Lasse, Bruun, Hans Henrik, Vejre, Henrik, Møller, Peter Rask, Båstrup-Spohr, Lars, Krøijer, Stine, Larsen, K. C., Kjølter, Rasmus, Strange, Niels, Jepsen, Martin Rudbeck & Heilmann-Clausen, Jacob, 3 Jun 2022, Altinet.dk.

### **Lektor til Dansk Skovforening: Nej, skovrejsning er ikke godt for grundvandet**

Bruun, Hans Henrik, 31 May 2022, In: Altinget Miljø.

### **Våd natur kan give væsentlig klimaeffekt – men på lang sigt**

Christiansen, Jesper Riis, Jepsen, Martin Rudbeck, Ambus, Per Lennart, Elberling, Bo, Mueller, Carsten W., Bruun, Sander, Busck, Anne Gravsholt, Jensen, Lars Stoumann, Bruun, Hans Henrik, Krøijer, Stine, Jessen, Nina Toudal, Jessen, Søren & Stisen, S., 25 May 2022, BIO (DM).

### **Lektor: Skovrejsning er værdiløs som klimaløsning**

Bruun, Hans Henrik, 23 May 2022, In: Altinget Miljø.

### **Biologer: Sådan sikrer vi biodiversiteten ved vådlægning af lavbundsjord**

Bruun, Hans Henrik & Sand-Jensen, Kaj, 8 Mar 2022, In: Altinget.

### **Does childhood exposure to biodiverse greenspace reduce the risk of developing asthma?**

Winnicki, M. H., Dunn, R. R., Winther-Jensen, M., Jess, T., Allin, K. H. & Bruun, Hans Henrik, 2022, In: Science of the Total Environment. 850, 11 p., 157853.

### **Fagligt grundlag for naturløfter for Friland oksekød**

Ejrnæs, R. & Bruun, Hans Henrik, 2022, Aarhus Universitet, DCE – Nationalt Center for Miljø og Energi. 17 p. (Fagligt notat fra DCE – Nationalt Center for Miljø og Energi, Vol. 21).

### **High exposure of global tree diversity to human pressure**

Guo, W.-Y., Serra-Diaz, J. M., Schrod, F., Eiserhardt, W. L., Maitner, B. S., Merow, C., Violle, C., Anand, M., Belluau, M., Bruun, H. H., Byun, C., Catford, J. A., Cerabolini, B. E. L., Chacón-Madrigal, E., Ciccarelli, D., Cornelissen, J. H. C., Dang-Le, A. T., de Frutos, A., Dias, A. S., Giroldo, A. B. & 37 others, Guo, K., Gutiérrez, A. G., Hattingh, W., He, T., Hietz, P., Hough-Snee, N., Jansen, S., Kattge, J., Klein, T., Komac, B., Kraft, N. J. B., Kramer, K., Lavorel, S., Lusk, C. H., Martin, A. R., Mencuccini, M., Michaletz, S. T., Minden, V., Mori, A. S., Niinemets, Ü., Onoda, Y., Peñuelas, J., Pillar, V. D., Pisek, J., Robroek, B. J. M., Schamp, B., Slot, M., Sosinski, É. E., Soudzilovskaia, N. A., Thiffault, N., van Bodegom, P., van der Plas, F., Wright, I. J., Xu, W., Zheng, J., Enquist, B. J. & Svenning, J., 2022, In: PNAS. 119, 25, 11 p., e2026733119.

### **Kortlægning af lavbundsjord til naturgenopretning**

Fløjgaard, C., Johansen, O. M., Andersen, D. K., Brunbjerg, A. K., Bruun, Hans Henrik, Groom, G. & Ejrnæs, R., 2022, In: Vand & Jord. 29, 2, p. 58-61 4 p.

### **Nibble, cut, stomp and burn: Biodiversity effects of disturbances in fen grassland**

Fløjgaard, C., Brunbjerg, A. K., Andersen, D. K., Dalby, L., Lehmann, L. J., Bruun, Hans Henrik & Ejrnæs, R., 2022, In: Applied Vegetation Science. 25, 2, 13 p., e12666.

### **Scrub encroachment promotes biodiversity in temperate European wetlands under eutrophic conditions**

Brunbjerg, A. K., Fløjgaard, C., Frøslev, Tobias Guldborg, Andersen, D. K., Bruun, Hans Henrik, Dalby, L., Goldberg, I., Lehmann, L. J., Moeslund, J. E. & Ejrnæs, R., 2022, In: Ecology and Evolution. 12, 11, 19 p., e9445.

### **Simple attributes predict the value of plants as hosts to fungal and arthropod communities**

Bruun, Hans Henrik, Brunbjerg, A. K., Dalby, L., Fløjgaard, C., Frøslev, Tobias Guldborg, Haarder, S., Heilmann-Clausen, Jacob, Høye, T. T., Læssøe, Thomas & Ejrnæs, R., 2022, In: Oikos. 2022, 4, 11 p., e08823.

### **The biodiversity effect of reduced tillage on soil microbiota**

Frøslev, Tobias Guldborg, Nielsen, Ida Broman, Santos, S. S., Barnes, Christopher James, Bruun, Hans Henrik & Ejrnæs, R., 2022, In: Ambio. 51, 4, p. 1022-1033 12 p.

### **Vandløbenes CO<sub>2</sub>-overmætning og biodiversitet**

Sand-Jensen, Kaj, Martinsen, Kenneth Thorø, Kjær, Johan Emil, Sø, Jonas Stage, Baumane, Marta, Kragh, T., Båstrup-Spohr, Lars, Bruun, Hans Henrik & Riis, T., 2022, In: Vand & Jord. 2, p. 44-48

### **Rewilding: Hvor mange store dyr har den danske natur egentlig plads til?**

Ejrnæs, R., Bruun, Hans Henrik & Svenning, J., 19 Aug 2021, In: ForskerZonen.

### **Biologer afviser kritik: Derfor er rewilding en vigtig del af naturgenopretning**

Ejrnæs, R., Bruun, Hans Henrik & Svenning, J., 5 Aug 2021, In: ForskerZonen.

### **Benchmarking plant diversity of Palaearctic grasslands and other open habitats**

Biurrun, I., Pielech, R., Dembicz, I., Gillet, F., Kozub, Ł., Marcenò, C., Reitalu, T., Van Meerbeek, K., Guarino, R., Chytrý, M., Pakeman, R. J., Preislerová, Z., Axmanová, I., Burrascano, S., Bartha, S., Boch, S., Bruun, H. H., Conradi, T., De Frenne, P., Essl, F. & 203 others, Filibeck, G., Hájek, M., Jiménez-Alfaro, B., Kuzemko, A., Molnár, Z., Pärtel, M., Pätzsch, R., Prentice, H. C., Roleček, J., Sutcliffe, L. M. E., Terzi, M., Winkler, M., Wu, J., Ačić, S., Acosta, A. T. R., Afif, E., Akasaka, M., Alatalo, J. M., Aleffi, M., Aleksanyan, A., Ali, A., Apostolova, I., Ashouri, P., Bátori, Z., Baumann, E., Becker, T., Belonovskaya, E., Benito Alonso, J. L., Berastegi, A., Bergamini, A., Bhatta, K. P., Bonini, I., Büchler, M., Budzhak, V., Bueno, Á., Buldrini, F., Campos, J. A., Cancellieri, L., Carboni, M., Ceulemans, T., Chiarucci, A., Chocarro, C., Conti, L., Csergő, A. M., Cykowska-Marzencka, B., Czarniecka-Wiera, M., Czarnocka-Cieciura, M., Czortek, P., Danihelka, J., de Bello, F., Deák, B., Demeter, L., Deng, L., Diekmann, M., Dolezal, J., Dolnik, C., Dřevojan, P., Dupré, C., Ecker, K., Ejtehadi, H., Erschbamer, B., Etayo, J., Etzold, J., Farkas, T., Farzam, M., Fayvush, G., Calzado, M. R. F., Finckh, M., Fjellstad, W., Fotiadis, G., García-Magro, D., García-Mijangos, I., Gavilán, R. G., Germany, M., Ghafari, S., Giusso del Galdo, G. P., Grytnes, J., Güler, B., Gutiérrez-Girón, A., Helm, A., Herrera, M., Hüllbusch, E. M., Ingerpuu, N., Jägerbrand, A. K., Jandt, U., Janišová, M., Jeanneret, P., Jeltsch, F., Jensen, K., Jentsch, A., Kaçki, Z., Kakinuma, K., Kapfer, J., Kargar, M., Kelemen, A., Kiehl, K., Kirschner, P., Koyama, A., Langer, N., Lazzaro, L., Lepš, J., Li, C., Li, F. Y., Liendo, D., Lindborg, R., Löbel, S., Lomba, A., Lososová, Z., Lustyk, P., Luzuriaga, A. L., Ma, W., Maccherini, S., Magnes, M., Malicki, M., Manthey, M., Mardari, C., May, F., Mayrhofer, H., Meier, E. S., Memariani, F., Merunková, K., Michelsen, O., Molero Mesa, J., Moradi, H., Moysiyenko, I., Mugnai, M., Naqinezhad, A., Natcheva, R., Ninot, J. M., Nobis, M., Noroozi, J., Nowak, A., Onipchenko, V., Palpurina, S., Pauli, H., Pedashenko, H., Pedersen, C., Peet, R. K., Pérez-Haase, A., Peters, J., Pipenbaher, N., Pirini, C., Pladevall-Izard, E., Plesková, Z., Potenza, G., Rahmanian, S., Rodríguez-Rojo, M. P., Ronkin, V., Rosati, L., Ruprecht, E., Rusina, S., Sabovljević, M., Sanaei, A., Sánchez, A. M., Santi, F., Savchenko, G., Sebastia, M. T., Shyriaieva, D., Silva, V., Škornik, S., Šmerdová, E., Sonkoly, J., Sperandii, M. G., Staniaszek-Kik, M., Stevens, C., Stifter, S., Suchrow, S., Swacha, G., Świerszcz, S., Talebi, A., Teleki, B., Tichý, L., Tölgyesi, C., Torca, M., Török, P., Tsarevskaya, N., Tsiripidis, I., Turisová, I., Ushimaru, A., Valkó, O., Van Mechelen, C., Vanneste, T., Vasheniak, I., Vassilev, K., Viciani, D., Villar, L., Virtanen, R., Vitasović-Kosić, I., Vojtkó, A., Vynokurov, D., Waldén, E., Wang, Y., Weiser, F., Wen, L., Wesche, K., White, H., Widmer, S., Wolfrum, S., Wróbel, A., Yuan, Z., Zelený, D., Zhao, L. & Dengler, J., 2021, In: Journal of Vegetation Science. 32, 4, 21 p., e13050.

### **Betydningen af byggeriet af "Fælledby" for biodiversiteten på Amager Fælled**

Ejrnæs, R. & Bruun, Hans Henrik, 2021, Kalø: Aarhus Universitet. 7 p. (Fagligt notat; No. 25, Vol. 2021).

### **Buffering effects of soil seed banks on plant community composition in response to land use and climate**

Plue, J., Van Calster, H., Auestad, I., Basto, S., Bekker, R. M., Bruun, H. H., Chevalier, R., Decocq, G., Grandin, U., Hermy, M., Jacquemyn, H., Jakobsson, A., Jankowska-Błaszczuk, M., Kalamees, R., Koch, M. A., Marrs, R. H., Marteinsdóttir, B., Milberg, P., Måren, I. E., Pakeman, R. J. & 5 others, Phoenix, G. K., Thompson, K., Vandvik, V., Wagner, M. & Auffret, A. G., 2021, In: Global Ecology and Biogeography. 30, 1, p. 128-139 12 p.

### **Dimensions of invasiveness: Links between local abundance, geographic range size, and habitat breadth in Europe's alien and native floras**

Fristoe, T. S., Chytrý, M., Dawson, W., Essl, F., Heleno, R., Kreft, H., Maurel, N., Pergl, J., Pyšek, P., Seebens, H., Weigelt, P., Vargas, P., Yang, Q., Attorre, F., Bergmeier, E., Bernhardt-Römermann, M., Biurrun, I., Boch, S., Bonari, G., Botta-Dukát, Z. & 39 others, Bruun, Hans Henrik, Byun, C., Carni, A., Carranza, M. L., Catford, J. A., Cerabolini, B. E. L., Chacón-Madrigal, E., Ciccarelli, D., Cušterevska, R., De Ronde, I., Dengler, J., Golub, V., Haveman, R., Hough-Snee, N., Jandt, U., Jansen, F., Kuzemko, A., Kuzmich, F., Lenoir, J., MacAnovic, A., Marcenò, C., Martin, A. R., Michaletz, S. T., Mori, A. S., Niinemets, Ü., Peterka, T., Pielech, R., Rašomavicius, V., Rusina, S., Dias, A. S., Sibíková, M., Silc, U., Stanisci, A., Jansen, S., Svenning, J., Swacha, G., Van Der Plas, F., Vassilev, K. & Van Kleunen, M., 2021, In: Proceedings of the National Academy of Sciences of the United States of America. 118, 22, 11 p., e2021173118.

### **Drier, darker and more fertile: 140 years of plant habitat change driven by land-use intensification**

Nielsen, T. F., Sand-Jensen, Kaj & Bruun, Hans Henrik, 2021, In: Journal of Vegetation Science. 32, 4, 16 p., e13066.

### **Hvilken natur kan vi få på våde lavbundsjørde?**

Sand-Jensen, Kaj, Baumane, Marta, Båstrup-Spohr, Lars & Bruun, Hans Henrik, 2021, In: *Aktuel Naturvidenskab*. 2021, 6, p. 28-33

### **Museskridt eller tigerspring?**

Bruun, Hans Henrik, 2021, In: *moMentum+*. 19, 1, p. 28-31 4 p.

### **Måling af biodiversitetsindsatser på bedriftsniveau**

Ejrnæs, R. & Bruun, Hans Henrik, 2021, Aarhus: Aarhus Universitet. 16 p. (Fagligt notat; No. 58, Vol. 2021).

### **Towards the extended barcode concept: Generating DNA reference data through genome skimming of danish plants**

Chua, Physilia, Leerhøi, Frederik, Arfaoui, Emilia Marie Rolander, Margaryan, Ashot, Noer, Christina, Richter, S. R., Restrup, M. E., Bruun, Hans Henrik, Hartvig, Ida, Coissac, E., Boessenkool, S., Alsos, I. G. & Bohmann, Kristine, 2021, 38 p. (bioRxiv).

### **Vild natur er løsningen på biodiversitetskrisen**

Ejrnæs, R. & Bruun, Hans Henrik, 2021, In: *Skoven*. 53, 12, p. 29-31

### **What is unmanaged forest and how does it sustain biodiversity in landscapes with a long history of intensive forestry?**

Bruun, Hans Henrik & Heilmann-Clausen, Jacob, 2021, In: *Journal of Applied Ecology*. 58, 9, p. 1813-1816 4 p.

### **Forskere i biodiversitet: Vildere natur er ikke en trussel mod naturen**

Bruun, Hans Henrik, Svenning, J., Rahbek, Carsten, Heilmann-Clausen, Jacob, Hansen, M. D. D. & Ejrnæs, R., 17 Nov 2020, In: *Altinget.dk*.

### **Genopretning af biodiversitet og økosystemer i Danmark: Eksperttalelse**

Barfod, A., Bruun, Hans Henrik, Clausen, P., Dinesen, Lars, Egemose, S., Ejrnæs, R., Fløjgaard, C., Heilmann-Clausen, Jacob, Kragh, T., Petersen, Anders Højgård, Rahbek, Carsten, Roth, E., Raulund-Rasmussen, Karsten, Schou, Jesper Sølvær, Svenning, J. & Søndergaard, M., Jun 2020, Det danske IPBES-samarbejde. 17 p.

### **Notat om klimaeffekt af urørt skov: Sagsnotat**

Højgaard Petersen, A., Johannsen, VK, Rahbek, Carsten, Beier, Claus, Bruun, Hans Henrik, Heilmann-Clausen, Jacob, Vesterdal, Lars, Bentsen, Niclas Scott, Gundersen, Per & Nord-Larsen, Thomas, 27 May 2020, 4 p..

### **Simple attributes predict the importance of plants as hosts to the richness of fungi and arthropods**

Bruun, Hans Henrik, Brunbjerg, A. K., Dalby, L., Fløjgaard, C., Frøslev, Tobias Guldborg, Haarder, S., Heilmann-Clausen, Jacob, Høye, T. T., Læssøe, Thomas & Ejrnæs, R., 18 Apr 2020, *bioRxiv*, 27 p. (bioRxiv).

### **Biologer om "Klimaskoven": Grov forenkling af virkeligheden og misvisende**

Bruun, Hans Henrik & Heilmann-Clausen, Jacob, 9 Mar 2020, In: *JA Aktuelt*.

### **Danske navne til galmyg**

Bruun, Hans Henrik, 2020, In: *Entomologiske Meddelelser*. 88, 1-2, p. 43-49 7 p.

### **Grasslands of Northern Europe and the Baltic States**

Dengler, J., Birge, T., Bruun, Hans Henrik, Rašomavicius, V., Rusina, S. & Sickel, H., 2020, *Encyclopedia of the World's Biomes: Forests - Trees of Life*. DellaSala, D. A. & DiPaolo, D. A. (eds.). Elsevier, Vol. 3. p. 689-702 14 p.

### **Half of the world's tree biodiversity is unprotected and is increasingly threatened by human activities**

Guo, W-Y., Serra-Diaz, J. M., Schrod, F., Eiserhardt, W. L., Maitner, B. S., Merow, C., Violle, C., Anand, M., Belluau, M., Bruun, H. H., Byun, C., Catford, J. A., Cerabolini, B. E. L., Chacón-Madrigal, E., Ciccarelli, D., Cornelissen, J. H. C., Dang-Le, A. T., Frutos, A. D., Dias, A. S., Giroldo, A. B. & 38 others, Guo, K., Gutiérrez, A. G., Hattingh, W., He, T., Hietz, P., Hough-Snee, N., Jansen, S., Kattge, J., Klein, T., Komac, B., Kraft, N., Kramer, K., Lavorel, S., Lusk, C. H., Martin, A. R., Mencuccini, M., Michaletz, S. T., Minden, V., Mori, A. S., Niinemets, Ü., Onoda, Y., Onstein, R. E., Peñuelas, J., Pillar, V. D., Pisek, J., Robroek, B. J. M., Schamp, B., Slot, M., Sosinski, É., Soudzilovskaia, N. A., Thiffault, N., van Bodegom, P., Van Der Plas, F., Wright, I. J., Xu, W., Zheng, J., Enquist, B. J. & Svenning, J., 2020, 42 p. (bioRxiv).

**Latitudinal variation in seed predation correlates with latitudinal variation in seed defensive and nutritional traits in a widespread oak species**

Moreira, X., Abdala-Roberts, L., Bruun, Hans Henrik, Covelo, F., De Frenne, P., Galmán, A., Gaytán, Á., Jaatinen, R., Pulkkinen, P., Ten Hoopen, J. P. J. G., Timmermans, B. G. H., Tack, A. J. M. & Castagneyrol, B., 2020, In: *Annals of Botany*. 125, 6, p. 881-890 10 p.

**Multi-taxon inventory reveals highly consistent biodiversity responses to ecospace variation**

Brunbjerg, A. K., Bruun, Hans Henrik, Dalby, L., Classen, A. T., Fløjgaard, C., Frøslev, Tobias Guldberg, Hansen, O. L. P., Høye, T. T., Moeslund, J. E., Svenning, J. & Ejrnæs, R., 2020, In: *Oikos*. 129, 9, p. 1381-1392 12 p.

**Quality of substrate and forest structure determine macrofungal richness along a gradient of management intensity in beech forests**

Atrona, A., Banelytė, G. G., Læssøe, Thomas, Riis-Hansen, R., Bruun, Hans Henrik, Rahbek, Carsten & Heilmann-Clausen, Jacob, 2020, In: *Forest Ecology and Management*. 478, 12 p., 118512.

**TRY plant trait database - enhanced coverage and open access**

Kjøller, Rasmus & TRY Plant Trait Consortium, T. P. T. C., 2020, In: *Global Change Biology*. 26, 1, p. 119-188

**Biodiversitet: Hvad skal vi med vilde jordbier og andre vilde jordboer?**

Bruun, Hans Henrik, 16 Nov 2019

**Vi brænder de træer, der skulle hente CO2 ud af atmosfæren**

Bruun, Hans Henrik, Ejrnæs, R., Heilmann-Clausen, Jacob & Thomsen, K., Oct 2019

**En tom trussel**

Bruun, Hans Henrik, 10 May 2019, In: *Weekendavisen - Ideer*. p. 19 1 p.

**Ejrnæs og Bruun: Naturstyrelsen mis-forstår biodiversitet i Brombærhelvedet**

Ejrnæs, R. & Bruun, Hans Henrik, 8 Feb 2019, In: *Altinget.dk*. 1 p.

**Biodiversiteten er i tilbagegang – også på statens arealer**

Ejrnæs, R., Svenning, J., Bruun, Hans Henrik, Heilmann-Clausen, Jacob, Rahbek, Carsten & Hansen, M. D. D., 22 Jan 2019, In: *Altinget.dk*. 1 p.

**A systematic survey of regional multi-taxon biodiversity: evaluating strategies and coverage**

Brunbjerg, A. K., Bruun, Hans Henrik, Brøndum, L., Classen, A. T., Dalby, L., Fog, K., Frøslev, Tobias Guldberg, Goldberg, Irina, Hansen, Anders Johannes, Hansen, M. D. D., Høye, T. T., Illum, Anders Alexander, Læssøe, Thomas, Newman, G. S., Skipper, L., Søchting, Ulrik & Ejrnæs, R., 2019, In: *BMC Ecology*. 19, 15 p., 43.

**Biodiversity response to forest structure and management: Comparing species richness, conservation relevant species and functional diversity as metrics in forest conservation: comparing species richness, conservation relevant species and functional diversity as metrics in forest conservation**

Lelli, C., Bruun, Hans Henrik, Chiarucci, A., Donati, D., Frascaroli, F., Fritz, Ö., Goldberg, Irina, Nascimbene, J., Tøttrup, Anders P., Rahbek, Carsten & Heilmann-Clausen, Jacob, 2019, In: *Forest Ecology and Management*. 432, p. 707-717 11 p.

**Can plant traits predict seed dispersal probability via red deer guts, fur, and hooves?**

Petersen, T. K. & Bruun, Hans Henrik, 2019, In: *Ecology and Evolution*. 9, 17, p. 9768-9781 14 p.

**Dataset on reproductive traits of Scandinavian alpine plants**

Bruun, Hans Henrik, 2019, In: *Data in Brief*. 25, 12 p., 104149.

### **Er insekterne ved at forsvinde?**

Bruun, Hans Henrik, 2019, In: *Aktuel Naturvidenskab*. 2019, 3, p. 8-12 5 p.

### **Fortsat insekttab**

Bruun, Hans Henrik, 2019, In: *Aktuel Naturvidenskab*. 2019, 6, p. 16

### **How citizen science boosted primary knowledge on fungal biodiversity in Denmark**

Heilmann-Clausen, Jacob, Bruun, Hans Henrik, Ejrnæs, R., Frøslev, Tobias Guldborg, Læssøe, Thomas & Petersen, J. H., 2019, In: *Biological Conservation*. 237, p. 366-372 7 p.

### **Man against machine: do fungal fruitbodies and eDNA give similar biodiversity assessments across broad environmental gradients?**

Frøslev, Tobias Guldborg, Kjøller, Rasmus, Bruun, Hans Henrik, Ejrnæs, R., Hansen, Anders Johannes, Læssøe, Thomas & Heilmann-Clausen, Jacob, 2019, In: *Biological Conservation*. 233, p. 201-212 12 p.

### **More is less: net gain in species richness, but biotic homogenization over 140 years**

Nielsen, T. F., Sand-Jensen, Kaj, Dornelas, M. & Bruun, Hans Henrik, 2019, In: *Ecology Letters*. 22, 10, p. 1650-1657 8 p.

### **Mycorrhizal features and leaf traits covary at the community level during primary succession**

Jespersen, J. R. P., Johansen, Jesper Liengaard, Maciel Rabelo Pereira, C., Bruun, Hans Henrik, Rosendahl, Søren, Kjøller, Rasmus & Lopez Garcia, A., 2019, In: *Fungal Ecology*. 40, p. 4-11

### **Predicting provenance of forensic soil samples: linking soil to ecological habitats by metabarcoding and supervised classification**

Fløjgaard, C., Frøslev, Tobias Guldborg, Brunbjerg, A. K., Bruun, Hans Henrik, Moeslund, J., Hansen, Anders Johannes & Ejrnæs, R., 2019, In: *PLoS ONE*. 14, 7, 16 p., e0202844.

### **Presence of both Active and Inactive Colonies of Prairie Dogs Contributes to Higher Vegetation Heterogeneity at the Landscape Scale**

Gervin, C. A., Bruun, Hans Henrik, Seipel, T. & Burgess, Neil David, 2019, In: *American Midland Naturalist*. 181, 2, p. 183-194

### **Relationships between plant species richness and soil pH at the level of biome and ecoregion in Brazil**

Crespo-Mendes, N., Laurent, A., Bruun, Hans Henrik & Hauschild, M. Z., 2019, In: *Ecological Indicators*. 98, p. 266-275 10 p.

### **Small forest patches as pollinator habitat: oases in an agricultural desert?**

Proesmans, W., Bonte, D., Smaghe, G., Meeus, I., Decocq, G., Spicher, F., Kolb, A., Lemke, I., Diekmann, M., Bruun, Hans Henrik, Wulf, M., Van Den Berge, S. & Verheyen, K., 2019, In: *Landscape Ecology*. p. 487-501

### **Virkemiddelkatalog for natur: De vigtigste mål i biodiversitetsforvaltningen og deres tilhørende virkemidler**

Ejrnæs, R., Bruun, Hans Henrik, Heilmann-Clausen, Jacob & Strandberg, B., 2019, Aarhus Universitet. 54 p.

### **Biodiversity Monitoring by Plant Proxy is Cheap and Easy: Here's How and Why**

Ejrnæs, R., Brunbjerg, A. K. & Bruun, Hans Henrik, 8 Oct 2018

### **Forskere: Honningproduktion truer de vilde bier**

Ejrnæs, R., Strandberg, B., Strandberg, M. T. & Bruun, Hans Henrik, 12 Sep 2018, In: *Altinget.dk*.

### **Vilde bier i Danmark**

Strandberg, B., Bruun, Hans Henrik & Hansen, M. D. D., 16 May 2018, In: *Kasketot*. 220, p. 18-21 4 p.

### **The Dangers of Being a Small, Oligotrophic and Light Demanding Freshwater Plant across a Spatial and Historical Eutrophication Gradient in Southern Scandinavia**

Sand-Jensen, Kaj, Bruun, Hans Henrik, Nielsen, T. F., Christiansen, D. M., Hartvig, P., Schou, J. C. & Båstrup-Spohr, Lars, 2 Feb 2018, In: *Frontiers in Plant Science*. 9, 14 p., 66.

#### **Hvilke skove bør udlægges til natur?**

Rahbek, Carsten, Højgård Petersen, A., Bladt, J., Bruun, Hans Henrik, Ejrnæs, R. & Heilmann-Clausen, Jacob, 22 Jan 2018, In: *Jyllands-Posten*. p. 19 1 p.

#### **Uniquity: a general metric for biotic uniqueness of sites**

Ejrnæs, R., Frøslev, Tobias, Guldberg, Høye, T. T., Kjølner, Rasmus, Oddershede, A., Brunbjerg, A. K., Hansen, Anders Johannes & Bruun, Hans Henrik, 2018, In: *Biological Conservation*. 225, p. 98-105 8 p.

#### **Anbefalinger vedrørende omstilling og forvaltning af skov til biodiversitetsformål: Udarbejdet for Naturstyrelsen**

Møller, P. F., Heilmann-Clausen, Jacob, Johannsen, VK, Buttenschøn, Rita M., Schmidt, Inger Kappel, Rahbek, Carsten, Bruun, Hans Henrik & Ejrnæs, R., 2018, København: GEUS. 86 p. (Danmarks og Grønlands Geologiske Undersøgelse Rapport; No. 28, Vol. 2018).

#### **Are ungulates in forests concerns or key species for conservation and biodiversity? Reply to Boulanger et al. (DOI: 10.1111/gcb.13899)**

Fløjgaard, C., Bruun, Hans Henrik, Hansen, M. D. D., Heilmann-Clausen, Jacob, Svenning, J. & Ejrnæs, R., 2018, In: *Global Change Biology*. 24, 3, p. 869-871 3 p.

#### **Biowide - Hvad har vi så lært?**

Ejrnæs, R., Høye, T. T., Frøslev, Tobias, Guldberg, Fløjgaard, C. & Bruun, Hans Henrik, 2018, p. 66-70. 5 p.

#### **Faren ved at være en lille nøjsom plante**

Sand-Jensen, Kaj, Schou, J. C., Moeslund, B., Bruun, Hans Henrik & Båstrup-Spohr, Lars, 2018, In: *Aktuel Naturvidenskab*. 4, p. 20-25 6 p.

#### **GrassPlot - a database of multi-scale plant diversity in Palaearctic grasslands**

Dengler, J., Wagner, V., Dembicz, I., García-Mijangos, I., Naqinezhad, A., Boch, S., Chiarucci, A., Conradi, T., Filibeck, G., Guarino, R., Janišová, M., Steinbauer, M. J., Acic, S., Acosta, A. T. R., Akasaka, M., Allers, M. A., Apostolova, I., Axmanová, I., Bakan, B., Baranova, A. & 160 others, Bardy-Durchhalter, M., Bartha, S., Baumann, E., Becker, T., Becker, U., Belonovskaya, E., Bengtsson, K., Alonso, J. L. B., Berastegi, A., Bergamini, A., Bonini, I., Bruun, Hans Henrik, Budzhak, V., Bueno, A., Campos, J. A., Cancellieri, L., Carboni, M., Chocarro, C., Conti, L., Czarniecka-Wiera, M., De Frenne, P., Deák, B., Didukh, Y. P., Diekmann, M., Dolnik, C., Dupré, C., Ecker, K., Ermakov, N., Erschbamer, B., Escudero, A., Etayo, J., Fajmonová, Z., Felde, V. A., Calzado, M. R. F., Finckh, M., Fotiadis, G., Fracchiolla, M., Ganeva, A., García-Magro, D., Gavilán, R. G., Germany, M., Giladi, I., Gillet, F., del Galdo, G. P. G., González, J. M., Grytnes, J. A., Hájek, M., Hájková, P., Helm, A., Herrera, M., Hettenbergerová, E., Hobohm, C., Hüllbusch, E. M., Ingerpuu, N., Jandt, U., Jeltsch, F., Jensen, K., Jentsch, A., Jeschke, M., Jiménez-Alfaro, B., Kacki, Z., Kakinuma, K., Kapfer, J., Kavgaci, A., Kelemen, A., Kiehl, K., Koyama, A., Koyanagi, T. F., Kozub, L., Kuzemko, A., Kyrkjeeide, M. O., Landi, S., Langer, N., Lastrucci, L., Lazzaro, L., Lelli, C., Lepš, J., Löbel, S., Luzuriaga, A. L., Maccherini, S., Magnes, M., Malicki, M., Marcenò, C., Mardari, C., Mauchamp, L., May, F., Michelsen, O., Mesa, J. M., Molnár, Z., Moysiyenko, I. Y., Nakaga, Y. K., Natcheva, R., Noroozi, J., Pakeman, R. J., Palpurina, S., Pärtel, M., Pätsch, R., Pauli, H., Pedashenko, H., Peet, R. K., Pielech, R., Pipenbaher, N., Pirini, C., Plesková, Z., Polyakova, M. A., Prentice, H. C., Reinecke, J., Reitalu, T., Rodríguez-Rojo, M. P., Rolecek, J., Ronkin, V., Rosati, L., Rosén, E., Ruprecht, E., Rusina, S., Sabovljevic, M., Sánchez, A. M., Savchenko, G., Schuhmacher, O., Škornik, S., Sperandii, M. G., Staniaszek-Kik, M., Stevanovic-Dajic, Z., Stock, M., Suchrow, S., Sutcliffe, L. M. E., Swacha, G., Sykes, M., Szabó, A., Talebi, A., Tanase, C., Terzi, M., Tölgyesi, C., Torca, M., Török, P., Tóthmérész, B., Tsarevskaya, N., Tsiripidis, I., Tzonev, R., Ushimaru, A., Valkó, O., van der Maarel, E., Vanneste, T., Vashenyak, I., Vassilev, K., Viciani, D., Villar, L., Virtanen, R., Kosic, I. V., Wang, Y., Weiser, F., Went, J., Wesche, K., White, H., Winkler, M., Zaniewski, P. T., Zhang, H., Ziv, Y., Znamenskiy, S. & Biurrun, I., 2018, In: *Phytocoenologia*. 48, 3, p. 331-347 17 p.

#### **Hidden biodiversity in the Arctic: a study of soil seed banks at Disko Island, Qeqertarsuaq, West Greenland**

Philipp, M., Hansen, K., Monrad, D., Adersen, Henning Emil, Bruun, Hans Henrik & Nordal, I., 2018, In: *Nordic Journal of Botany*. 36, 7, 12 p., e01721.

#### **Historiske forandringer af Danmarks landskab og flora**

Sand-Jensen, Kaj, Schou, J. C., Nielsen, T. F., Moeslund, B., Holm, P., Bruun, Hans Henrik & Båstrup-Spohr, Lars, 2018, In: *URT*. 42, 3, p. 8-13 6 p.



### **Hvilke plantearter giver størst diversitet af svampe og insekter?**

Bruun, Hans Henrik & Ejrnæs, R., 2018, p. 60-61.

### **Karplanter og mosser**

Goldberg, Irina & Bruun, Hans Henrik, 2018, p. 20-23. 4 p.

### **Latitudinal variation in plant chemical defences drives latitudinal patterns of leaf herbivory**

Moreira, X., Castagnyrol, B., Abdala-Roberts, L., Teran, J. C. B. Y., Timmermans, B. G. H., Bruun, Hans Henrik, Covelo, F., Glauser, G., Rasmann, S. & Tack, A. J. M., 2018, In: *Ecography*. 41, 7, p. 1124-1134 11 p.

### **Notas sobre mosquitos de las agallas (Diptera: Cecidomyiidae) en el Sur de España**

Sánchez, Í. & Bruun, Hans Henrik, 2018, In: *Revista de la Sociedad Gaditana de Historia Natural*. 12, p. 89-95 7 p.

### **Status, trusler og bevarelse af vilde bier**

Strandberg, B., Ejrnæs, R., Geldmann, J., Bruun, Hans Henrik & Rahbek, Carsten, 2018, In: *Kasketot*. 220, p. 22-26 5 p.

### **Stay or go - how topographic complexity influences alpine plant population and community responses to climate change**

Graae, B. J., Vandvik, V., Armbruster, W. S., Eiserhardt, W. L., Svenning, J., Hylander, K., Ehrlén, J., Speed, J. D. M., Klanderud, K., Bråthen, K. A., Milbau, A., Opedal, Ø. H., Alsos, I. G., Ejrnæs, R., Bruun, Hans Henrik, Birks, H. J. B., Westergaard, K. B., Birks, H. H. & Lenoir, J., 2018, In: *Perspectives in Plant Ecology, Evolution and Systematics*. 30, p. 41-50 10 p.

### **Vascular plant species richness and bioindication predict multi-taxon species richness**

Brunbjerg, A. K., Bruun, Hans Henrik, Dalby, L., Fløjgaard, C., Frøslev, Tobias Guldborg, Høye, T. T., Goldberg, Irina, Læssøe, Thomas, Hansen, M. D. D., Brøndum, L., Skipper, L., Fog, K. & Ejrnæs, R., 2018, In: *Methods in Ecology and Evolution*. 9, 12, p. 2372-2382

### **Are herbarium mosses reliable indicators of historical nitrogen deposition?**

Nielsen, T. F., Larsen, J. R., Michelsen, Anders & Bruun, Hans Henrik, Dec 2017, In: *Environmental Pollution*. 231, Part 1, p. 1201-1207 7 p.

### **Topforskere: Her er fakta i debatten om bier**

Bruun, Hans Henrik, Ejrnæs, R., Rahbek, Carsten, Svenning, J., Hansen, M. D. D., Strandberg, B. & Geldmann, Jonas, 17 Nov 2017, In: *Altinget Miljø*.

### **Interaction type and intimacy structure networks between forest-dwelling organisms and their host trees**

Mazziotta, A., Vizentin-Bugoni, J., Tøttrup, Anders P., Bruun, Hans Henrik, Fritz, Ö. & Heilmann-Clausen, Jacob, Nov 2017, In: *Basic and Applied Ecology*. 24, p. 86-97 12 p.

### **Recovery of lake vegetation following reduced eutrophication and acidification**

Båstrup-Spohr, Lars, Sand-Jensen, Kaj, Olesen, S. C. H. & Bruun, Hans Henrik, Nov 2017, In: *Freshwater Biology*. 62, 11, p. 1847-1857 11 p.

### **Algorithm for post-clustering curation of DNA amplicon data yields reliable biodiversity estimates**

Frøslev, Tobias Guldborg, Kjøller, Rasmus, Bruun, Hans Henrik, Ejrnæs, R., Brunbjerg, A. K., Pietroni, Carlotta & Hansen, Anders Johannes, 30 Oct 2017, In: *Nature Communications*. 8, 1, 11 p., 1188.

### **Effects of preference heterogeneity among landowners on spatial conservation prioritization**

Nielsen, A. S. E., Strange, Niels, Bruun, Hans Henrik & Jacobsen, Jette Bredahl, Jun 2017, In: *Conservation Biology*. 31, 3, p. 675-685 11 p.

### **Decade-long time delays in nutrient and plant species dynamics during eutrophication and re-oligotrophication of Lake Fure 1900-2015**

Sand-Jensen, Kaj, Bruun, Hans Henrik & Båstrup-Spohr, Lars, May 2017, In: Journal of Ecology. 105, 3, p. 690-700 11 p.

#### **Status og forvaltning af Ensianblåfugl i Nationalpark Thy**

Kelager, Andreas, Bruun, Hans Henrik, Nash, David Richard & Tøttrup, Anders P., 21 Feb 2017, København: Center for Makroøkologi, Evolution og Klima, Københavns Universitet. 79 p.

#### **Ecospace: a unified framework for understanding variation in terrestrial biodiversity**

Brunbjerg, A. K., Bruun, Hans Henrik, Moeslund, J. E., Sadler, J. P., Svenning, J. & Ejrnæs, R., Feb 2017, In: Basic and Applied Ecology. 18, p. 86-94 9 p.

#### **Biologiske anbefalinger om udpegning af skov til biodiversitetsformål på statens arealer: Forskningsbaseret rådgivning fra Københavns og Aarhus Universiteter i forbindelse med regeringens Naturpakke**

Petersen, A. H., Bladt, J., Bruun, Hans Henrik, Ejrnæs, R., Heilmann-Clausen, Jacob & Rahbek, Carsten, 2017, København: Københavns Universitet. 40 p.

#### **First Austrian record of the gall midge *Mayetiola hellwigi* (Diptera: Cecidomyiidae)**

Bruun, Hans Henrik, 2017, In: Entomologica Austriaca. 24, p. 65-66 2 p.

#### **Preference heterogeneity among landowners and spatial conservation prioritization: response to Eyvindson et al. 2017**

Nielsen, A. S. E., Strange, Niels, Bruun, Hans Henrik & Jacobsen, Jette Bredahl, 2017, In: Conservation Biology. 31, 6, p. 1491-1493 3 p.

#### **Status og forvaltning af Ensianblåfugl i Nationalpark Vadehavet**

Kelager, Andreas, Bruun, Hans Henrik, Nash, David Richard & Tøttrup, Anders P., 2017, 82 p.

#### **Dét, jeg ikke ledte efter**

Bruun, Hans Henrik, 15 Dec 2016, In: Ny Jord - Tidsskrift for naturkritik. 2, p. 145-151 7 p.

#### **Feltnoten: Skjoldlusen *Eriococcus devoniensis***

Bruun, Hans Henrik, 15 Dec 2016, In: Ny Jord - Tidsskrift for naturkritik. 2, p. 152 1 p.

#### **Blåhat med entourage**

Bruun, Hans Henrik, 5 Aug 2016, In: Weekendavisen. p. 5 1 p.

#### **Forsker om naturpakken: fagligheden går tabt bag lukkede døre**

Bruun, Hans Henrik, 19 May 2016, In: Altinget Miljø.

#### **Biodiversitet uden Morten Korch**

Bruun, Hans Henrik, 13 May 2016, In: Weekendavisen. p. 12 1 p.

#### **Hvordan bevarer vi bedst biodiversiteten i de danske skove?**

Højgård Petersen, A., Heilmann-Clausen, Jacob, Bruun, Hans Henrik, Lundhede, Thomas, Strange, Niels, Thorsen, Bo Jellesmark & Rahbek, Carsten, May 2016, In: Kaskelot. 2016, 210, p. 16-19 4 p.

#### **Landbrug og skovbrug må vige for naturen**

Bruun, Hans Henrik, 28 Apr 2016, In: Altinget Miljø. 2016

#### **Forskere: landbrugspakken kommer til at koste mere natur, end vi tror**

Bruun, Hans Henrik, Sand-Jensen, Kaj & Borum, Jens, 25 Feb 2016, In: Altinget Miljø.

#### **Skab ny skovnatur: vi står ved en skillevej for naturpolitikken**

Bruun, Hans Henrik, Ejrnæs, R., Hansen, M. D. D., Heilmann-Clausen, Jacob & Svenning, J., 8 Feb 2016, In: Politiken. p. 5 1 p.

### **Prioritering og ambition er ikke det samme**

Ejrnæs, R., Bruun, Hans Henrik & Hansen, M. D. D., 5 Jan 2016, In: Altinget Miljø. 2016

### ***Cheilosia fasciata* (Diptera: Syrphidae) new to Denmark**

Bruun, Hans Henrik & Bygebjerg, R., 2016, In: Entomologisk Tidsskrift. 137, p. 131-135 5 p.

### **Bevarelse af biodiversiteten i de danske skove: en analyse af den nødvendige indsats, og hvad den betyder for skovens andre samfundsgoder**

Højgård Petersen, A., Lundhede, Thomas, Bruun, Hans Henrik, Heilmann-Clausen, Jacob, Thorsen, Bo Jellesmark, Strange, Niels & Rahbek, Carsten, 2016, Center for Makroøkologi, Evolution og Klima, Københavns Universitet. 127 p.

### **Bevarelse af biodiversiteten i de danske skove**

Petersen, A. H., Lundhede, Thomas, Bruun, Hans Henrik, Heilmann-Clausen, Jacob, Thorsen, Bo Jellesmark, Strange, Niels & Rahbek, Carsten, 2016, In: Dansk Ornitologisk Forenings Tidsskrift. 109, p. 186-188 3 p.

### **Botanisk genbesøg i Simested sogn 178 år efter Salomon Drejer**

Bruun, Hans Henrik, 2016, In: URT. 40, 1, p. 29-35 7 p.

### **Citizen science data reveal ecological, historical and evolutionary factors shaping interactions between woody hosts and wood-inhabiting fungi**

Heilmann-Clausen, Jacob, Maruyama, P. K., Bruun, Hans Henrik, Dimitrov, D., Læssøe, Thomas, Frøslev, Tobias Guldberg & Dalsgaard, Bo, 2016, In: New Phytologist. 212, 4, p. 1072-1082 11 p.

### **Colonization of new land by arbuscular mycorrhizal fungi**

Nielsen, Knud Nor, Kjølner, Rasmus, Bruun, Hans Henrik, Schnoor, T. K. & Rosendahl, Søren, 2016, In: Fungal Ecology. 20, p. 22-29 8 p.

### **Dataset on species incidence, species richness and forest characteristics in a Danish protected area**

Mazziotta, A., Heilmann-Clausen, Jacob, Bruun, Hans Henrik, Fritz, Ö., Aude, E. & Tøttrup, Anders P., 2016, In: Data in Brief. 9, p. 895-897 3 p.

### **De danske skoves biodiversitet i tid og rum**

Højgård Petersen, A., Bruun, Hans Henrik, Heilmann-Clausen, Jacob & Rahbek, Carsten, 2016, In: Kaskelot. 210, p. 10-14 5 p.

### **First Fennoscandian record of the gall midge *Janetiella glechomae* Tavares, 1930 (Diptera: Cecidomyiidae)**

Bruun, Hans Henrik & Tornaiainen, J., 2016, In: Sahlbergia. 22, 2, p. 18-19 2 p.

### **Gall midges (Diptera: Cecidomyiidae) new to the Danish fauna**

Haarder, S., Bruun, Hans Henrik, Harris, K. M. & Skuhravá, M., 2016, In: Entomologisk Tidsskrift. 137, p. 79-98 20 p.

### **Landbrugspakken - et risikabelt kvælstofeksperiment?**

Borum, Jens, Sand-Jensen, Kaj & Bruun, Hans Henrik, 2016, In: Aktuel Naturvidenskab. 2016, 3, p. 26-31 6 p.

### **Red-listed species and forest continuity - a multi-taxon approach to conservation in temperate forests**

Flensted, K. K., Bruun, Hans Henrik, Ejrnæs, R., Eskildsen, A., Thomsen, P. F. & Heilmann-Clausen, Jacob, 2016, In: Forest Ecology and Management. 378, p. 144-159 16 p.

### **Resource specialists lead local insect community turnover associated with temperature - analysis of an 18-year full-seasonal record of moths and beetles**

Thomsen, P. F., Jørgensen, P. S., Bruun, Hans Henrik, Pedersen, Jan, Riis-Nielsen, Torben, Jonko, K., Słowińska, I., Rahbek, Carsten & Karsholt, Ole, 2016, In: Journal of Animal Ecology. 85, 1, p. 251-261 11 p.

**Restoring hydrology and old-growth structures in a former production forest: modelling the long-term effects on biodiversity**  
Mazziotta, A., Heilmann-Clausen, Jacob, Bruun, Hans Henrik, Fritz, Ö., Aude, E. & Tøttrup, Anders P., 2016, In: Forest Ecology and Management. 381, p. 125-133 9 p.

**Havørnen og eremitten: Naturen på hovedet**

Bruun, Hans Henrik, 13 Nov 2015, In: Weekendavisen - Ideer. p. 13 1 p.

**Amatørernes legeplads**

Ejrnæs, R. & Bruun, Hans Henrik, 29 Oct 2015, In: Jyllands-Posten. p. 28 1 p.

**Biolog: Venstre fodrer os med en brødløgn**

Bruun, Hans Henrik, 9 Oct 2015, In: Altinget Miljø. 1 p.

**Gode miner til galler og lus**

Bruun, Hans Henrik, 2 Oct 2015, In: Weekendavisen: Ideer. p. 13 1 p.

**Skorem, bruskbæger og bæltekøretøjer**

Bruun, Hans Henrik, 18 Sep 2015, In: Weekendavisen - Ideer. 1 p.

**Kulturkampen om naturen**

Bruun, Hans Henrik, 13 May 2015, In: Altinget Miljø.

**Forskere: Her er fakta om biodiversitet i skovene**

Bruun, Hans Henrik, Ejrnæs, R., Hansen, M. D. D., Heilmann-Clausen, Jacob, Rahbek, Carsten & Svenning, J., 12 May 2015, In: Altinget Miljø.

**Myntesnudebille**

Bruun, Hans Henrik, 27 Mar 2015, In: Weekendavisen. p. 12 1 p.

**Mål for biodiversitet forsvinder i videnshuller**

Bruun, Hans Henrik, 27 Mar 2015, In: Altinget Miljø. 1 p.

**Tvilsom rapport om træer og blade**

Bruun, Hans Henrik, Heilmann-Clausen, Jacob, Ejrnæs, R., Petersen, A. H. & Rahbek, C., 4 Mar 2015, In: Politiken. p. 8 1 p.

**Vi skal lære af Furesøen**

Bruun, Hans Henrik, 6 Feb 2015, In: Altinget Miljø.

**Astragalstængelgalmyg**

Bruun, Hans Henrik, 23 Jan 2015, In: Weekendavisen: Ideer. p. 5 1 p.

**Caught between draught and flooding on Oland's Great Alvar**

Sand-Jensen, Kaj, Båstrup-Spohr, Lars, Andersen, M. R., Christensen, J. P. A., Alnoe, A. B., Jespersen, T. S., Riis, T. & Bruun, Hans Henrik, 2015, In: Svensk Botanisk Tidskrift. 109, 1, 8 p.

**Disjunct populations of European vascular plant species keep the same climatic niches**

Wasof, S., Lenoir, J., Aarrestad, P. A., Alsos, I. G., Armbruster, W. S., Austrheim, G., Bakkestuen, V., Birks, H. J. B., Bråthen, K. A., Broennimann, O., Brunet, J., Bruun, H. H., Dahlberg, C. J., Diekmann, M., Dullinger, S., Dynesius, M., Ejrnæs, R., Gégout, J. C., Graae, B. J., Grytnes, J. A. & 28 others, Guisan, A., Hylander, K., Jónsdóttir, I. S., Kapfer, J., Klanderud, K., Luoto, M., Milbau, A., Moora, M., Nygaard, B., Odland, A., Pauli, H., Ravolainen, V., Reinhardt, S., Sandvik, S. M., Schei, F. H., Speed, J. D. M., Svenning, J. C., Thuiller, W., Tveraabak, L. U., Vandvik, V., Velle, L. G., Virtanen, R., Vittoz, P., Willner, W., Wohlgemuth, T., Zimmermann, N. E., Zobel, M. & Decocq, G., 2015, In: Global

Ecology and Biogeography. 24, 12, p. 1401-1412 12 p.

**Forests: see the trees and the wood**

Bruun, Hans Henrik, Heilmann-Clausen, Jacob & Ejrnæs, R., 2015, In: Nature. 521, 32, p. 32 1 p.

**Forvaltning af rigkær: udgangspunkt i voksesteder for mygblomst**

Andersen, D. K., Ejrnæs, R., Vinther, E., Svendsen, Annita, Bruun, Hans Henrik, Buchwald, E. & Vikstrøm, T., 2015, Aarhus: Aarhus University, DCE – Danish Centre for Environment and Energy. 52 p. (Videnskabelig rapport fra DCE – Nationalt Center for Miljø og Energi; No. 150).

**Fremgang for dødt ved i danske skove – faktum eller ønsketækning?**

Heilmann-Clausen, Jacob, Bruun, Hans Henrik, Ejrnæs, R., Højgård Petersen, A. & Rahbek, Carsten, 2015, In: Skoven. 47, 3, p. 126-130 5 p.

**From soaking wet to bone dry: predicting plant community composition along a steep hydrological gradient**

Båstrup-Spohr, Lars, Sand-Jensen, Kaj, Nicolajsen, S. V. & Bruun, Hans Henrik, 2015, In: Journal of Vegetation Science. 26, 4, p. 619-630 12 p.

**Galmyg i Odsherred – fem års systematisk lokal faunaundersøgelse**

Bruun, Hans Henrik, 2015, In: Flora og Fauna. 121, 1/2, p. 13-23 11 p.

**Galmyg på Bornholm: 24 nye arter fundet**

Haarder, S., Nielsen, K. & Bruun, Hans Henrik, 2015, *Natur på Bornholm 2015*. Top-Jensen, M. (ed.). BugBook Publishing, Vol. 13. p. 28-35 8 p.

**Græsland**

Ejrnæs, R. & Bruun, Hans Henrik, 2015, Naturhistorisk Museum, Aarhus. 35 p. (Natur og Museum; No. 2, Vol. 54).

**Mellan torka och översvämning på Öland**

Sand-Jensen, Kaj, Båstrup-Spohr, Lars, Christensen, J. P. A., Alnøe, A. B., Andersen, M. R., Jespersen, T. S., Riis, T. & Bruun, Hans Henrik, 2015, In: Svensk Botanisk Tidskrift. 109, 1, p. 28–35 8 p.

**Naturtyper i Danmark: Græslandet**

Bruun, Hans Henrik, 2015, *Atlas Flora Danica*. Hartvig, P. & Vestergaard, P. (eds.). København: Gyldendal, Vol. 1. p. 86-93 8 p.

**Skoven på den politiske dagsorden**

Bruun, Hans Henrik, 2015, In: *Aktuel Naturvidenskab*. 2015, 2, p. 2 1 p.

**Soil disturbance as a grassland restoration measure: effects on plant species composition and plant functional traits**

Schnoor, T., Bruun, Hans Henrik & Olsson, P. A., 2015, In: *P L o S One*. 10, 4, 16 p., e0123698.

**The role of demography, intra-species variation, and species distribution models in species' projections under climate change**

Swab, R. M., Regan, H. M., Matthies, D., Becker, U. & Bruun, Hans Henrik, 2015, In: *Ecography*. 38, 3, p. 221-230 10 p.

**An evaluation of seed zone delineation using phenotypic and population genomic data on black alder *Alnus glutinosa***

De Kort, H., Mergeay, J., Mijnsbrugge, K. V., Decocq, G., Maccherini, S., Bruun, Hans Henrik, Honnay, O. & Vandepitte, K., 2014, In: *Journal of Applied Ecology*. 51, 5, p. 1218-1227 10 p.

**Anmeldelse: "I svampenes rige" af Jens H. Petersen (2013)**

Bruun, Hans Henrik, 2014, In: *Flora og Fauna*. 119, p. 98-99 2 p.

**BIOWIDE – et nyt dansk biodiversitetsprojekt**

Goldberg, Irina, Bruun, Hans Henrik & Ejrnæs, R., 2014, In: URT. 38, 2, p. 55-57 3 p.

**Forslag til forvaltning af rigkær i Helnæs Made og Urup Dam på Fyn med særlig hensyn til voksested for mygblomst**

Vinther, E., Svendsen, Annita, Andersen, D. K., Ejrnæs, R. & Bruun, Hans Henrik, 2014, 51 p.. No. NST-4160-00286, Mar 31, 2014.

**Gallimatias: Galmyg sidder under galle af galhveps på egeblad**

Bruun, Hans Henrik, 2014, In: Entomologiske Meddelelser. 82, 2, p. 97-101 5 p.

**Hvad skal der til for at sikre en gunstig bevaringsstatus i Danmarks habitatskove?**

Heilmann-Clausen, Jacob, Nygaard, B., Ejrnæs, R., Damgaard, C. F., Nielsen, K. E. & Bruun, Hans Henrik, 2014, In: Skoven. 46, 3, p. 146-150 5 p.

**Landscape genomics and a common garden trial reveal adaptive differentiation to temperature across Europe in the tree species *Alnus glutinosa***

De Kort, H., Vandepitte, K., Bruun, Hans Henrik, Closset-Kopp, D., Honnay, O. & Mergeay, J., 2014, In: Molecular Ecology. 23, 19, p. 4709-4721 13 p.

**New records of gall midges (Diptera: Cecidomyiidae) from Denmark**

Bruun, Hans Henrik, Haarder, S., Jørgensen, J. & Skuhrová, M., 2014, In: Entomologiske Meddelelser. 82, 1, p. 25-37 13 p.

**Zero tolerance to plagiarism will kill inspiration: a critique for academic meritocracy**

Bruun, Hans Henrik, 2014, In: Ideas in Ecology and Evolution. 7, 1, p. 34-37 4 p.

**Vurdering af bevaringsstatus for skov**

Nygaard, B., Bruun, Hans Henrik, Heilmann-Clausen, Jacob, Damgaard, C., Ejrnæs, R. & Nielsen, K. E., 22 Nov 2013, Aarhus Universitet. 24 p.

**Dieback of European ash (*Fraxinus excelsior*) - Sheer misery or an opportunity for biodiversity? - Reply to Pautasso**

Heilmann-Clausen, Jacob, Bruun, Hans Henrik & Ejrnæs, R., 1 Nov 2013, In: Biological Conservation. 167, p. 450-451 2 p.

**Skoven er mere end bare træer**

Heilmann-Clausen, Jacob, Bruun, Hans Henrik & Ejrnæs, R., 21 Jun 2013, In: Politiken.

**Fem dagsommerfugle forsvundet**

Ejrnæs, R., Heilmann-Clausen, Jacob & Bruun, Hans Henrik, 19 Apr 2013, In: Weekendavisen. 1 p.

**Kronik: Lyt lige til videnskaben**

Bruun, Hans Henrik, Heilmann-Clausen, Jacob & Ejrnæs, R., 5 Apr 2013, In: Weekendavisen. p. 11 1 p.

**Naturstrid. Indsats i vådområder giver bagslag**

Ejrnæs, R., Sand-Jensen, Kaj, Baattrup-Pedersen, A., Bruun, Hans Henrik, Odgaard, B. V. & Rahbek, Carsten, 4 Mar 2013, In: Politiken.

**Evaluering af indsatsen for biodiversiteten i de danske skove 1992 - 2012**

Johannsen, VK, Dippel, T., Friis Møller, P., Heilmann-Clausen, Jacob, Ejrnæs, R., Larsen, Jørgen Bo, Raulund-Rasmussen, Karsten, Kepfer Rojas, Sebastian, Jørgensen, Bruno Bilde, Riis-Nielsen, Torben, Bruun, Hans Henrik, Thomsen, P. F., Eskildsen, A., Fredshavn, J. R., Kjær, Erik Dahl, Nord-Larsen, Thomas, Caspersen, Ole H. & Hansen, G. K., 2013, Institut for Geovidenskab og Naturforvaltning, Københavns Universitet. 89 p.

### **Forskningstraditioner i ferskvand og på landjorden**

Sand-Jensen, Kaj & Bruun, Hans Henrik, 2013, In: Vand & Jord. 20, 3, p. 125-131 7 p.

### **Habitat specialization through germination cueing: a comparative study of herbs from forests and open habitats**

Ten Brink, D., Hendriksma, H. & Bruun, Hans Henrik, 2013, In: Annals of Botany. 111, 2, p. 283-292 10 p.

### **Historisk perspektiv på land- og vandfloraen**

Sand-Jensen, Kaj & Bruun, Hans Henrik, 2013, In: Urt. 37, 3, p. 105-110 6 p.

### **Hvilke planter er hjemmehørende i Danmark?**

Buchwald, E., Wind, P., Bruun, Hans Henrik, Møller, P. F., Ejrnæs, R. & Svart, H. E., 2013, In: Flora og Fauna (Århus). 118, 3-4, p. 73-96 24 p.

### **Local temperatures inferred from plant communities suggest strong spatial buffering of climate warming across Northern Europe**

Lenoir, J., Graae, B., Aarrestad, P., Alsos, I., Armbruster, W., Austrheim, G., Bergendorff, C., Birks, H., Bråthen, K., Brunet, J., Bruun, H. H., Dahlberg, C., Decocq, G., Diekmann, M., Dynesius, M., Ejrnaes, R., Grytnes, J-A., Hylander, K., Klanderud, K., Luoto, M. & 15 others, Milbau, A., Moora, M., Nygaard, B., Odland, A., Ravolainen, V., Reinhardt, S., Sandvik, S., Schei, F., Speed, J., Tveraabak, L., Vandvik, V., Velle, L., Virtanen, R., Zobel, M. & Svenning, J., 2013, In: Global Change Biology. 19, 5, p. 1470-1481 12 p.

### **Multiple introductions and no loss of genetic diversity: invasion history of Japanese Rose, *Rosa rugosa*, in Europe**

Kelager, Andreas, Pedersen, Jes Søe & Bruun, Hans Henrik, 2013, In: Biological Invasions. 15, 5, p. 1125-1141 17 p.

### **Naturnetværket - hvordan skal det se ud?**

Bruun, Hans Henrik, 2013, In: moMentum+. 11, 3, p. 14-17

### **The gall mites *Vasates quadripedes* and *Cecidophyopsis psilaspis* (Acari: Eriophyidae) new to Denmark**

Bruun, Hans Henrik & Soika, G., 2013, In: Entomologiske Meddelelser. 81, 1, p. 21-25 5 p.

### **Videnskabelig tradition - styrke eller hæmsko?**

Sand-Jensen, Kaj & Bruun, Hans Henrik, 2013, In: Aktuel Naturvidenskab. 2013, 5, p. 42-45 4 p.

### **Efter asken**

Ejrnæs, R., Bruun, Hans Henrik & Heilmann-Clausen, Jacob, 16 Nov 2012, In: Weekendavisen. p. 12 1 p.

### **Hvorfor bruge naturpenge på skovrejsning?**

Bruun, Hans Henrik, Heilmann-Clausen, Jacob, Petersen, A. H. & Rahbek, Carsten, 24 Mar 2012, In: Jyllands-Posten. p. 19 1 p.

### **Er der plads til elge i Danmark?**

Bruun, Hans Henrik, 19 Jan 2012

### **Danmarks biodiversitets fremtid: de væsentligste udfordringer og højest prioriterede virkemidler**

Rahbek, Carsten, Agger, P. W., Bruun, Hans Henrik, Ejrnæs, R., Sand-Jensen, Kaj, Strange, Niels & Svenning, J., 2012, *Danmarks natur frem mod 2020: om at stoppe tabet af biologisk mangfoldighed*. Meltofte, H. (ed.). Det Grønne Kontaktudvalg: Danmarks Naturfredningsforening, p. 101-112 12 p.

### **Er god natur demokratisk?**

Bruun, Hans Henrik, Heilmann-Clausen, Jacob, Tøttrup, Anders P. & Rasmussen, B. I., 2012, In: Aktuel Naturvidenskab. 6-2012, p. 2 1 p.

**Nineteen species of gall midges (Diptera: Cecidomyiidae) new to Denmark**

Bruun, Hans Henrik, Jørgensen, J. & Skuhravá, M., 2012, In: Entomologiske Meddelelser. 80, 2, p. 87-98 12 p.

**Råddenskab skaber liv**

Bruun, Hans Henrik, Heilmann-Clausen, Jacob & Ejrnæs, R., 2012, In: Kaskelot. 194, p. 8-11

**Traits related to species persistence and dispersal explain changes in plant communities subjected to habitat loss**

Marini, L., Bruun, Hans Henrik, Heikkinen, R., Helm, A., Honnay, O., Krauss, J., Kühn, I., Lindborg, R., Pärtel, M. & Bommarco, R., 2012, In: Diversity and Distributions. 18, 9, p. 898-908 11 p.

**Ölands växtrikedom håller på att kvävas**

Sand-Jensen, Kaj & Bruun, Hans Henrik, 2012, In: Svensk Botanisk Tidskrift. 106, 3-4, p. 201-203 3 p.

**Også urørt naturskov lagrer CO2**

Bruun, Hans Henrik, 1 Dec 2011

**Den klogeste måde at bruge EU-støtte til natur**

Bruun, Hans Henrik, 22 Nov 2011

***Dasineura odoratae* new to Denmark and new records of the rare *Mayetiola hellwigi*. (Diptera: Cecidomyiidae)**

Bruun, Hans Henrik & Skuhravá, M., 2011, In: Entomologiske Meddelelser. 79, 1, p. 65-67 3 p.

**Oprikelig, vildtvoksende eller invasiv i Danmark – æren og alle de andre.**

Bruun, Hans Henrik, 2011, In: URT. 35, 4, p. 160-164 5 p.

**På fodtur med Kamphøvener år 1835**

Bruun, Hans Henrik, 2011, In: URT. 35, 2, p. 66-73 8 p.

**Seedling stage strategies as a means of habitat specialization in herbaceous plants**

ten Brink, D. & Bruun, Hans Henrik, 2011, In: P L o S One. 6, 7, 9 p.

**Strong microsite control of seedling recruitment in tundra**

Graae, B. J., Ejrnæs, R., Lang, S. I., Meineri, E., Ibarra, P. T. & Bruun, Hans Henrik, 2011, In: Oecologia. 166, 2, p. 565-76 12 p.

**Understory succession in post-agricultural oak plantations: Habitat fragmentation affects forest specialists and generalists differently**

Brunet, J., Valtinat, K., Mayr, M. L., Felton, A., Lindbladh, M. & Bruun, Hans Henrik, 2011, In: Forest Ecology and Management. 262, 9, p. 1863-1871 9 p.

**Lidt om kemisk krigsførelse og anden konkurrence mellem planter**

Bruun, Hans Henrik, 2010, In: URT. 34, 3, p. 89-90 2 p.

**Ontogenetic niche shifts in three *Vaccinium* species on a sub-alpine mountain side**

Auffret, A. G., Meineri, E., Bruun, Hans Henrik, Ejrnæs, R. & Graae, B. J., 2010, In: Plant Ecology and Diversity. 3, 2, p. 131-139 9 p.

**Post-dispersal seed predation of woody forest species limits recolonization of forest plantations on ex-arable land**

Bruun, Hans Henrik, Valtinat, K., Kollmann, J. & Brunet, J., 2010, In: Preslia. 82, 3, p. 345-356 12 p.



**Acidification of sandy grasslands - consequences for plant diversity**

Olsson, P. A., Mårtensson, L. & Bruun, Hans Henrik, 2009, In: Applied Vegetation Science. 12, 3, p. 350-361 11 p.

**Dødt ved og gamle træer: hvor meget og hvor mange i de danske skove?**

Bruun, Hans Henrik, Ejrnæs, R., Heilmann-Clausen, Jacob, Aude, E. & Skovlund Poulsen, R., 2009, In: Jord & Viden. 154, 17, p. 10-13 4 p.

**Land-use history and effects of fragmentation of traditionally managed grasslands in Scandinavia**

Eriksson, O., Cousins, S. A. O. & Bruun, Hans Henrik, 2009, In: Journal of Vegetation Science. 13, 5, p. 743-748 6 p.

**Om flydeevnen hos frugter af ræve-star (*Carex vulpina*) og skovengenes forsvinden i Danmark**

Bruun, Hans Henrik, 2009, In: Flora og Fauna. 114, 3-4, p. 73-76 4 p.

**Enhancement of local species richness in tundra by seed dispersal through guts of muskox and barnacle goose**

Bruun, Hans Henrik, Lundgren, R. & Philipp, M., 2008, In: Oecologia. 155, 1, p. 101-109 9 p.

**Recruitment advantage of large seeds is greater in shaded habitats**

Bruun, Hans Henrik & Brink, D. T., 2008, In: Ecoscience. 15, 4, p. 498-507 9 p.

**Restoration of oak forest: effects of former arable land use on soil chemistry and herb layer vegetation**

Valtinat, K., Bruun, Hans Henrik & Brunet, J., 2008, In: Scand.J.For.Res.. 23, 6, p. 513-521 8 p.

**An allozyme study of sexual and vegetative regeneration in *Hieracium pilosella* L**

Bruun, Hans Henrik, Scheepens, J. F. & Tyler, T., 2007, In: Canadian Journal of Botany. 85, 1, p. 10-15 6 p.

**Limiting factors for seedling emergence and establishment of the invasive non-native *Rosa rugosa* in a coastal dune system**

Kollmann, J., Frederiksen, L., Vestergaard, P. & Bruun, Hans Henrik, 2007, In: Biological Invasions. 9, 1, p. 31-42 12 p.

**A multivariate approach to plant community distribution in the coastal dune zonation of NW Denmark**

Frederiksen, L., Kollmann, J., Vestergaard, P. & Bruun, Hans Henrik, 2006, In: Phytocoenologia. 36, 3, p. 321-342 22 p.

**Community assembly in experimental grassland: suitable environment or timely arrival?**

Ejrnæs, R., Bruun, Hans Henrik & Graae, B. J., 2006, In: Ecology. 87, 5, p. 1225-1233 8 p.

**Community assembly in experimental grasslands: suitable environment or timely arrival?**

Ejrnæs, R., Bruun, Hans Henrik & Graae, B. J., 2006, In: Ekologia. 87(5), p. 1225-1233

**Community-level birth rate: a missing link between ecology, evolution, and diversity**

Bruun, Hans Henrik & Ejrnæs, R., 2006, In: Oikos. 113, 1, p. 185-191 6 p.

**Effects of altitude and topography on species richness of vascular plants, bryophytes and lichens in alpine communities**

Bruun, Hans Henrik, Moen, J., Virtanen, R., Grytnes, J. A., Oksanen, L. & Angerbjörn, A., 2006, In: J.Veg.Sci.. 17, 1, p. 37-46 9 p.

**Local seed rain and seed bank in a species-rich grassland: effects of plant abundance and seed size**

Jakobsson, A., Eriksson, O. & Bruun, Hans Henrik, 2006, In: Can.J.Bot.. 84, 12, p. 1870-1881 11 p.

**Prospects for biocontrol of invasive *Rosa rugosa*: a review**

Bruun, Hans Henrik, 2006, In: BioControl. 51, 2, p. 141-181 41 p.

**Why are small seeds dispersed through animal guts: large numbers or seed size per se?**

Bruun, Hans Henrik & Poschlod, P., 2006, In: *Oikos*. 113, 2, p. 402-411 9 p.

**Working group on dry grasslands in the Nordic and Baltic region - outline of the project and first results for the class Festuco-Brometea**

Dengler, J., Rûsin'a, S., Boch, S., Bruun, Hans Henrik, Diekmann, M., Dierßen, K., Dolnik, C., Dupré, C., Golub, V. B., Grytnes, J. A., Helm, A., Ingerpuu, N., Löbel, S., Pärtel, M., Rašomavičius, V., Tyler, G., Znamenskiy, S. R. & Zobel, M., 2006, In: *Annali di Botanica*, N.S.. 6, p. 73-100 27 p.

***Rosa rugosa* Thunb. ex Murray: Biological Flora of the British Isles No. 239**

Bruun, Hans Henrik, 2005, In: *Journal of Ecology*. 93, 2, p. 441-470 30 p.

**A field test of the relationship between habitat area and population size for five perennial plant species**

Bruun, Hans Henrik, 2005, In: *Web Ecology*. 5, p. 1-5 4 p.

**Biodiversity in temperate European grasslands: origin and conservation: 13th International Occasional Symposium of the European Grassland Federation**

Pärtel, M., Bruun, Hans Henrik & Sammul, M., 2005, In: *Integrating Efficient Grassland Farming and Biodiversity: Proceedings of the 13th International Occasional Symposium of the European Grassland Federation*. 10, p. 1-14 13 p.

**Distinct patterns in alpine vegetation around dens of the Arctic fox**

Bruun, Hans Henrik, Österdahl, S., Moen, J. & Angerbjörn, A., 2005, In: *Ecography*. 28, 1, p. 81-87 6 p.

**An experimental evaluation of the arctic fox (*Alopex lagopus*, Canidae) as a seed disperser**

Graae, B. J., Bruun, Hans Henrik & Pagh, S., 2004, In: *Arctic, Antarctic, and Alpine Research*. 36(4), p. 454-459

**Developing a classifier for the Habitats Directive grassland types in Denmark using species lists for prediction**

Ejrnæs, R., Bruun, Hans Henrik, Aude, E. & Buchwald, E., 2004, In: *Appl.Veg.Sci.* 7, 1, p. 71-80 9 p.

**Environmental correlates of meso-scale plant species richness in the province of Härjedalen, Sweden**

Bruun, Hans Henrik, Moen, J. & Angerbjörn, A., 2003, In: *Biodivers.Conserv.* 12, 10, p. 2025-2041 16 p.

**Nested communities of alpine plants on isolated mountains: relative importance of colonization and extinction**

Bruun, Hans Henrik & Moen, J., 2003, In: *J.Biogeogr.* 30, 2, p. 297-303 6 p.

**Land-use history and effects of fragmentation of traditionally managed grasslands in Scandinavia**

Eriksson, O., Cousins, S. A. O. & Bruun, Hans Henrik, 2002, In: *J.Veg.Sci.* 13, 5, p. 743-748 5 p.

**The Past Impact of Livestock Husbandry on Dispersal of Plant Seeds in the Landscape of Denmark**

Fritzboeger, Bo & Bruun, Hans Henrik, 2002, In: *Ambio*. 31, 5, p. 425-431 7 p.

**Determinants of species richness in patches of grassland and heathland in Himmerland (Denmark)**

Bruun, Hans Henrik, 1 Jan 2001, In: *Nordic Journal of Botany*. 21, 6, p. 607-614 8 p.

**Exudation of low-molecular weight organic acids by germinating seeds of two edaphic ecotypes of *Silene nutans***

Bruun, Hans Henrik, Van Rossum, F. & Ström, L., 2001, In: *Acta Oecologica*. 22, p. 285-291

**Forurening af ruderatflora**

Bruun, Hans Henrik, 2001, In: *URT*. 25, p. 34-34

**On the seed mass-regional abundance relationship: the Eriksson & Jakobsson (1998) model does not apply to Danish grasslands**

Bruun, Hans Henrik, 2001, In: *Journal of Ecology*. 89, p. 300-303

**Plant species richness in grasslands: the relative importance of contemporary environment and land-use history since the Iron Age**

Bruun, Hans Henrik, Fritzbøger, Bo, Rindel, Per Ole & Hansen, Ulla Lund, 2001, In: *Ecography*. 24, p. 569-578

**Classification of dry grassland vegetation in Denmark**

Bruun, Hans Henrik & Ejrnæs, R., 2000, In: *Journal of Vegetation Science*. 11, p. 585-596

**Deficit in community species richness as explained by area and isolation of sites**

Bruun, Hans Henrik, 2000, In: *Diversity and Distributions-a Journal of Biological Invasions and Biodiversity*. 6, 3, p. 129-135

**Gradient analysis of dry grassland vegetation in Denmark**

Ejrnæs, R. & Bruun, Hans Henrik, 2000, In: *Journal of Vegetation Science*. 11, p. 573-584

**Lidt om et guldaldermaleri og et historisk overdrev**

Bruun, Hans Henrik, 2000, In: *URT*. 24, p. 168-171

**Patterns of species richness in patches of dry grassland in an agricultural landscape**

Bruun, Hans Henrik, 2000, In: *Ecography*. 23, p. 641-650

**Patterns of species richness in Grassland patches: effects of spatial patch arrangement and landscape utilisation history**

Bruun, Hans Henrik, 1999, *Museum Tusulanum*. 187 p.

**Overdrev - en beskyttet naturtype**

Bruun, Hans Henrik & Ejrnæs, R., 1998, København: Skov- og Naturstyrelsen. 224 p.

**Vellugtende skabiose (*scabiosa canescens*) - status i 90érne**

Bruun, Hans Henrik, 1997, In: *URT*. 21:1, p. 8

**Prediction of grassland quality for environmental management**

Ejrnæs, R. & Bruun, Hans Henrik, 1995, In: *Journal of Environmental Management*. 43, p. 171-183