

Recent Black Rock Forest Staff Published Articles and Data

The following list includes peer-reviewed and/or data sets published by Black Rock Forest staff members during the current and previous two years. Full articles can be accessed via links at journals or repositories (green, underscored font)

Our full publications list is available here:

<https://www.blackrockforest.org/research/data-and-publications/>

2022

Anderegg WRL, Chegwiddden OS, **Badgley G**, Trugman AT, Cullenward D, Abatzoglou JT, Hicke JA, Freeman J, Hamman JJ (2022) “Future climate risks from stress, insects and fire across US forests” *[Ecology Letters](#)* doi: 10.1111/ele.14018

Broekman MJE, Hilbers JP, Huijbregts MAJ, Mueller T, Ali AH, Andrén H, Altmann J, Aronsson M, Attias N, Bartlam-Brooks HLA, van Beest FM, Belant JL, Beyer DE, Bidner L, Blaum N, Boone RB, Boyce MS, Brown MB, Cagnacci F, Černe R, Chamailé-Jammes S, Dejid N, Dekker J, Desbiez ALJ, Díaz-Muñoz SL, Fennessy J, Fichtel C, Fischer C, Fisher JT, Fischhoff I, Ford AT, Fryxell JM, Gehr B, Goheen JR, Hauptfleisch M, Hewison AJM, Hering R, Heurich M, Isbell LA, Janssen R, Jeltsch F, Kaczensky P, Kappeler PM, Krofel M, **LaPoint SD**, Latham ADM, Linnell JDC, Markham AC, Mattisson J, Medici EP, de Miranda Mourão G, Van Moorter B, Morato RG, Morellet N, Mysterud A, Mwiu S, Odden J, Olson KA, Ornicāns A, Pagon N, Panzacchi M, Persson J, Petroelje T, Rolandsen CM, Roshier D, Rubenstein DI, Saïd S, Salemgareyev AR, Sawyer H, Schmidt NM, Selva N, Sergiel A, Stabach J, Stacy-Dawes J, Stewart FEC, Stiegler J, Strand O, Sundaresan S, Svoboda NJ, Ullmann W, Voigt U, Wall J, Wikelski M, Wilmers CC, Zięba F, Zwijacz-Kozica T, Schipper AM, Tucker MA (2022) “Evaluating expert-based habitat suitability information of terrestrial mammals with GPS-tracking data” *[Global Ecology and Biogeography](#)* doi: 10.1111/geb.13523

Zeng Y, Chen M, Hao D, Damm A, **Badgley G**, Rascher U, Johnson JE, Dechant B, Siegmann B, Ryu Y, Qiu H, Krieger V, Panigada, Celesti M, Miglietta F, Yang X, Bery JA (2022) “Combining near-infrared radiance of vegetation and fluorescence spectroscopy to detect effects of abiotic changes and stress” *[Remote Sensing of Environment](#)* doi: 10.1016/j.rse.2021.112856

Badgley G, Freeman J, Hamman JJ, Haya B, Trugman AT, Anderegg WRL, Cullenward D (2022) “Systematic over-crediting in California’s forest carbon offsets program” *[Global Change Biology](#)* doi: 10.1111/gcb.15943

2021

Cove MV, Kays R, Bontrager H, Bresnan C, Lasky M, Frerichs T, Klann R, Lee Jr TE, Crockett SC, Crupi AP, Weiss KCB, Rowe H, Sprague T, Schipper J, Tellez C, Lepczyk CA, Fantle-Lepczyk JE, **LaPoint SD**, Williamson J, Fisher-Reid MC, King SM, Bebko AJ, Chrysafis P, Jensen AJ, Jachowski DS, Sands J, MacCombie KA, Herrera DJ, van der Merwe M, Knowles TW, Horan III RV, Rentz MS, Brandt LSE, Nagy C, Barton BT, Thompson WC, Maher SP, Darracq AK, Hess G, Parsons AW, Wells B, Roemer GW, Hernandez CJ, Gompper ME, Webb SL, Vanek JP, Lafferty DJR, Bergquist AM, Hubbard T, Forrester T, Clark D, Cincotta C, Favreau J, Facka AN, Halbur M, Hammerich S, Gray M, Rega-Brodsky CC, Durbin C, Flaherty EA, Brooke JM, Coster SS, Lathrop

RG, Russell K, Bogan DA, Cliché R, Shamon H, Hawkins MTR, Marks SB, Lonsinger RC, O'Mara MT, Compton JA, Fowler M, Barthelmess EL, Andy KE, Belant JL, Beyer Jr. DE, Kautz TM, Scognamillo DG, Schalk CM, Leslie MS, Nasrallah MS, Ellison CN, Ruthven C, Fritts S, Tleimat J, Gay M, Whittier CA, Neiswenter SA, Pelletier R, DeGregorio BA, Kuprewicz EK, Davis ML, Dykstra A, Mason DS, Baruzzi C, Lashley MA, Risch DR, Price MR, Allen ML, Whipple LS, Sperry JH, Hagen RH, Mortelliti A, Evans BE, Studts CE, Sirén APK, Kilborn J, Sutherland C, Warren P, Fuller T, Harris NC, Carter NH, Trout E, Zimova M, Giery ST, Iannarilli F, Higdon SD, Revord RS, Hansen CP, Millspaugh JJ, Zorn A, Benson JF, Wehr NH, Solberg JN, Gerber BD, Burr JC, Sevin J, Green AM, Şekercioğlu CH, Pendergast M, Barnick KA, Edelman AJ, Wasdin JR, Romero A, O'Neill BJ, Schmitz N, Alston JM, Kuhn KM, Lesmeister DB, Linnell MA, Appel CL, Rota C, Stenglein JL, Anhalt-Depies C, Nelson C, Long RA, Jaspers KJ, Remine KR, Jordan MJ, Davis D, Hernández-Yáñez H, Zhao JY, McShea WJ (2021) "SNAPSHOT USA 2019: a coordinates national camera trap survey of the United States" *Ecology* doi: 10.1002/ecy.3353

Zeng Y, Hao D, **Badgley G**, Damm A, Rascher U, Ryu Y, Johnson JE, Krieger V, Wu S, Qiu H, Liu Y, Berry JA, Chen M (2021) "Estimating near-infrared reflectance of vegetation from hyperspectral data" *Remote Sensing of Environment* doi: 10.1016/j.rse.2021.112723

Fleming CH, Drescher-Lehman J, Noonan MJ, Akre TSB, Brown DJ, Cochrane MM, Dejid N, DeNicola V, DePerno CS, Dunlop JN, Gould NP, Harrison A-L, Hollins J, Ishii H, Kaneko Y, Kays RW, Killen SS, Koeck B, Lambertucci SA, **LaPoint SD**, Medici EP, Meyburg B-U, Miller TA, Moen RA, Mueller T, Pfeiffer T, Pike KN, Roulin A, Safi K, Séchaud R, Scharf AK, Shephard JM, Stabach JA, Stein K, Tonra CM, Yamazaki K, Fagan WF, Calabrese JM (2021) "A comprehensive framework for handling location error in animal tracking data" *BioRxiv*

2020

Schuster WSF (2020) "Future of Oak Forests experiment: DBH of trees in Black Rock Forest, New York, USA" *Environmental Data Initiative*

Davidson SC, Bohrer G, Gurarie E, **LaPoint SD**, Mahoney PJ, Boelman NT, Eitel JUH, Prugh LR, Vierling LA, Jennewein J, Grier E, Couriot O, Kelly AP, Meddens AJH, Oliver RY, Kays R, Wikelski M, Aarvak T, Ackerman JT, Alves JA, Bayne E, Bedrosian B, Belant JL, Berdahl AM, Berlin AM, Berteaux D, Bêty J, Boiko D, Booms TL, Borg BL, Boutin S, Boyd WS, Brides K, Brown S, Bulyuk VN, Burnham KK, Cabot D, Casazza M, Christie K, Craig EH, Davis, SE, Davison T, Demma D, Desorbo CR, Dixon A, Domenech R, Eichhorn G, Elliot K, Evenson JR, Exo K-M, Ferguson SH, Fieldler W, Fisk A, Fort J, Franke A, Fuller MA, Garthe S, Gauthier G, Gilchrist G, Glazov P, Gray CE, Grémillet D, Griffin L, Hallworth MT, Harrison A-L, Hennin HL, Hipfner JM, Hodson J, Johnson JA, Joly K, Jones K, Katzner TE, Kidd JW, Knight EC, Kockert MN, Kölzsch A, Kruckenberg H, Lagassé BJ, Lai S, Lamarre J-F, Lanctot RB, Larter NC, Latham AD, Latty CJ, Lawler JP, Léandri-Breton D-J, Lee H, Lewis SB, Love OP, Madsen J, Maftai M, Mallory ML, Mangipane B, Markovets MY, Marra PP, McGuire R, McIntyre CL, McKinnon EA, Miller TA, Moonen S, Mu T, Müskens GJDM, Ng J, Nicholson KL, Øien IJ, Overton C, Owen PA, Patterson A, Petersen A, Pokrovsky I, Powell LL, Prieto R, Quillfeldt P, Rausch J, Russell K, Saalfeld ST, Schekkerman H, Schmutz JA, Schwemmer P, Seip DR, Shreading A, Silva MA, Smith BW, Smith F, Smith JP, Snell KRS, Sokolov A, Sokolov V, Solovyeva DV, Sorum MS, Tertitski G, Therrien JF, Thorup K, Tibbitts TL, Tulp I, Uher-Kock BD, van Bemmelen RSA, van Wilgenburg S, von Duyke AL, Watson J, Watts BD, Williams JA, Wilson MT, Wright JR, Yates MA, Yurkowski

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