Material suplementar referente a:

Rosenfield, M. F. & Müller, S. C. Ecologia Funcional como ferramenta para planejar e monitorar a restauração ecológica de ecossistemas. *Oecologia australis*.

**Apêndice 1**

**Tabela A1**. Síntese do número de estudos conforme cada categoria abordada nessa revisão.

|  |  |
| --- | --- |
| **Categorias** | **Resultado** |
| Foco do estudo | Monitoramento (59); Teórico/experimental (52); Planejamento e monitoramento (10); Planejamento (7); Banco de dados (1) |
| País | Estados Unidos (36); Brasil (17); Austrália (8); Alemanha e China (7); França (6); demais países (menos de 4 estudos cada) |
| Tipo de ecossistema | Aberto (56); Floresta (47); Aquático (10); Semi-natural (7); Não informado (10) |
| Tipo de descritor funcional | Atributo (76); Grupo (44); Atributo e grupo (9) |
| Característica do descritor | Qualitativo e quantitativo (35); Quantitativo (33); Qualitativo (17) |

**Tabela A2**. Lista de artigos incluídos na revisão sistemática (129 artigos).

| **ID** | **Referência** | **Foco do estudo** | **País** | **Tipo de ecossistema** | **Tipo de descritor funcional** | **Característica do descritor** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | Horvitz, CC; Pascarella, JB; McMann, S; Freedman, A; Hofstetter, RH. 1998. Functional roles of invasive non-indigenous plants in hurricane-affected subtropical hardwood forests. ECOLOGICAL APPLICATIONS 8, 947-974. | monitoramento | EUA | floresta | grupo | qualitativo |
| 2 | Bossuyt, B; Hermy, M. 2000. Restoration of the understorey layer of recent forest bordering ancient forest. APPLIED VEGETATION SCIENCE 3, 43-50. | monitoramento | Bélgica | floresta | grupo | qualitativo |
| 3 | Gondard, H; Sandrine, J; Aronson, J; Lavorel, S. 2003. Plant functional types: a promising tool for management and restoration of degraded lands. APPLIED VEGETATION SCIENCE 6, 223-234. | teórico/ experimental | França e Tunísia | floresta; aberto | atributo | qualitativo |
| 4 | Poschlod, P; Kleyer, M; Jackel, AK; Dannemann, A; Tackenberg, O. 2003. BIOPOP - a database of plant traits and Internet application for nature conservation. FOLIA GEOBOTANICA 38, 263-271. | banco de dados | Alemanha | NA | atributo | quantitativo |
| 5 | Bakker, JD; Wilson, SD. 2004. Using ecological restoration to constrain biological invasion. JOURNAL OF APPLIED ECOLOGY 41, 1058-1064. | planejamento e monitoramento | Canadá | aberto | grupo | qualitativo |
| 6 | Laughlin, DC; Bakker, JD; Stoddard, MT; Daniels, ML; Springer, JD; Gildar, CN; Green, AM; Covington, WW. 2004. Toward reference conditions: wildfire effects on flora in an old-growth ponderosa pine forest. FOREST ECOLOGY AND MANAGEMENT 199, 137-152. | monitoramento | EUA | floresta | grupo | qualitativo |
| 7 | Herault, B; Bouxin, G; Thoen, D. 2004. Comparison of the regeneration patterns of woody species between Norway spruce plantations and deciduous forests on alluvial soils. BELGIAN JOURNAL OF BOTANY 137, 36-46. | monitoramento | Luxemburgo | floresta | grupo | qualitativo |
| 8 | Li, YG; Li, LH; Jiang, GM; Niu, SL; Liu, MZ; Gao, LM; Peng, Y; Jiang, CD. 2004. Traits of chlorophyll fluorescence in 99 plant species from the sparse-elm grassland in Hunshandak Sandland. PHOTOSYNTHETICA 42, 243-249. | planejamento | China | aberto | atributo e grupo | qualitativo e quantitativo |
| 9 | Polley, HW; Derner, JD; Wilsey, BJ. 2005. Patterns of plant species diversity in remnant and restored tallgrass prairies. RESTORATION ECOLOGY 13, 480-487. | monitoramento | EUA | aberto | grupo | qualitativo |
| 10 | Herault, B; Honnay, O; Thoen, D. 2005. Evaluation of the ecological restoration potential of plant communities in Norway spruce plantations using a life-trait based approach. JOURNAL OF APPLIED ECOLOGY 42, 536-545. | monitoramento | Luxemburgo | floresta | grupo | qualitativo |
| 11 | Eler, K; Vidrih, M; Batic, F. 2005. Vegetation characteristics in relation to different management regimes of calcareous grassland: A functional analysis using plant traits. PHYTON-ANNALES REI BOTANICAE 45, 417-426. | teórico/ experimental | Eslovênia | aberto | atributo e grupo | qualitativo e quantitativo |
| 12 | Moore, MM; Casey, CA; Bakker, JD; Springer, JD; Fule, PZ; Covington, WW; Laughlin, DC. 2006. Herbaceous vegetation responses (1992-2004) to restoration treatments in a Ponderosa pine forest. RANGELAND ECOLOGY & MANAGEMENT 59, 135-144. | monitoramento | EUA | floresta | grupo | qualitativo |
| 13 | Piper, JK; Schmidt, ES; Janzen, AJ. 2007. Effects of species richness on resident and target species components in a prairie restoration. RESTORATION ECOLOGY 15, 189-198. | planejamento e monitoramento | EUA | aberto | grupo | qualitativo |
| 14 | Blanke, V; Schulze, B; Gerighausen, U; Kuster, S; Rothe, R; Schulze, H; Sineriz, M. 2007. The power of regeneration: Lessons from a degraded grassland. RESTORATION ECOLOGY 15, 307-311. | monitoramento | Alemanha | aberto | grupo | qualitativo |
| 15 | Dzwonko, Z; Loster, S. 2007. A functional analysis of vegetation dynamics in abandoned and restored limestone grasslands. JOURNAL OF VEGETATION SCIENCE 18, 203-212. | monitoramento | Polônia | aberto | grupo | qualitativo |
| 16 | Peterson, DW; Reich, PB; Wrage, KJ. 2007. Plant functional group responses to fire frequency and tree canopy cover gradients in oak savannas and woodlands. JOURNAL OF VEGETATION SCIENCE 18, 3-12. | monitoramento | EUA | aberto | grupo | qualitativo |
| 17 | Pottier, J; Bedecarrats, A; Marrs, RH. 2009. Analysing the spatial heterogeneity of emergent groups to assess ecological restoration. JOURNAL OF APPLIED ECOLOGY 46, 1248-1257. | teórico/ experimental | França | semi-natural | atributo | qualitativo |
| 18 | Liira, J; Issak, M; Jogar, U; Mandoja, M; Zobel, M. 2009. Restoration management of a floodplain meadow and its cost-effectiveness - the results of a 6-year experiment. ANNALES BOTANICI FENNICI 46, 397-408. | monitoramento | Estônia | aberto | grupo | qualitativo |
| 19 | Rodrigues, RR; Lima, RAF; Gandolfi, S; Nave, AG. 2009. On the restoration of high diversity forests: 30 years of experience in the Brazilian Atlantic Forest. BIOLOGICAL CONSERVATION 142, 1242-1251. | planejamento | Brasil | floresta | grupo | qualitativo |
| 20 | Aubin, I; Ouellette, MH; Legendre, P; Messier, C; Bouchard, A. 2009. Comparison of two plant functional approaches to evaluate natural restoration along an old-field - deciduous forest chronosequence. JOURNAL OF VEGETATION SCIENCE 20, 185-198. | monitoramento | Canadá | floresta | atributo | qualitativo e quantitativo |
| 21 | Gosper, CR; Vivian-Smith, G. 2009. Approaches to Selecting Native Plant Replacements for Fleshy-Fruited Invasive Species. RESTORATION ECOLOGY 17, 196-204. | teórico/ experimental | NA | NA | atributo | qualitativo e quantitativo |
| 22 | Ansley, RJ; Boutton, TW; Mirik, M; Castellano, MJ; Kramp, BA. 2010. Restoration of C-4 grasses with seasonal fires in a C-3/C-4 grassland invaded by Prosopis glandulosa, a fire-resistant shrub. APPLIED VEGETATION SCIENCE 13, 520-530. | monitoramento | EUA | aberto | grupo | qualitativo |
| 23 | Roberts, RE; Clark, DL; Wilson, MV. 2010. Traits, neighbors, and species performance in prairie restoration. APPLIED VEGETATION SCIENCE 13, 270-279. | planejamento e monitoramento | EUA | aberto | atributo e grupo | qualitativo e quantitativo |
| 24 | Matthews, JW; Endress, AG. 2010. Rate of succession in restored wetlands and the role of site context. APPLIED VEGETATION SCIENCE 13, 346-355. | monitoramento | EUA | aquático | grupo | qualitativo |
| 25 | Mahaney, WM. 2010. Plant controls on decomposition rates: the benefits of restoring abandoned agricultural lands with native prairie grasses. PLANT AND SOIL 330, 91-101. | teórico/ experimental | EUA | aberto | atributo | quantitativo |
| 26 | Zhang, XD; Xu, WT; Yang, B; Nie, M; Li, B. 2011. Seed germination traits of two plant functional groups in the saline deltaic ecosystems. JOURNAL OF PLANT ECOLOGY 4, 169-177. | teórico/ experimental | China | NA | grupo | qualitativo |
| 27 | Massad, TJ; Chambers, JQ; Rolim, SG; Jesus, RM; Dyer, LA. 2011. Restoration of Pasture to Forest in Brazil's Mata Atlantica: The Roles of Herbivory, Seedling Defenses, and Plot Design in Reforestation. RESTORATION ECOLOGY 19, 257-267. | teórico/ experimental | Brasil | floresta | grupo | qualitativo |
| 28 | Sandel, B; Corbin, JD; Krupa, M. 2011. Using plant functional traits to guide restoration: A case study in California coastal grassland. ECOSPHERE 2, -. | teórico/ experimental | EUA | aberto | atributo | quantitativo |
| 29 | Pywell, RF; Meek, WR; Loxton, RG; Nowakowski, M; Carvell, C; Woodcock, B. 2011. Ecological restoration on farmland can drive beneficial functional responses in plant and invertebrate communities. AGRICULTURE ECOSYSTEMS & ENVIRONMENT 140, 62-67. | teórico/ experimental | Grã-Bretanha | semi-natural | grupo | qualitativo |
| 30 | Burylo, M; Rey, F; Mathys, N; Dutoit, T. 2012. Plant root traits affecting the resistance of soils to concentrated flow erosion. EARTH SURFACE PROCESSES AND LANDFORMS 37, 1463-1470. | teórico/ experimental | França | aberto | atributo | quantitativo |
| 31 | Brancalion, PHS; Viani, RAG; Aronson, J; Rodrigues, RR; Nave, AG. 2012. Improving Planting Stocks for the Brazilian Atlantic Forest Restoration through Community-Based Seed Harvesting Strategies. RESTORATION ECOLOGY 20, 704-711. | teórico/ experimental | Brasil | floresta | grupo | qualitativo |
| 32 | Clark, DL; Wilson, M; Roberts, R; Dunwiddie, PW; Stanley, A; Kaye, TN. 2012. Plant traits - a tool for restoration?. APPLIED VEGETATION SCIENCE 15, 449-458. | teórico/ experimental | EUA | aberto | atributo | qualitativo e quantitativo |
| 33 | Davies, GM; Bakker, JD; Dettweiler-Robinson, E; Dunwiddie, PW; Hall, SA; Downs, J; Evans, J. 2012. Trajectories of change in sagebrush steppe vegetation communities in relation to multiple wildfires. ECOLOGICAL APPLICATIONS 22, 1562-1577. | monitoramento | EUA | aberto | atributo | qualitativo |
| 34 | Renton, M; Shackelford, N; Standish, RJ. 2012. Habitat restoration will help some functional plant types persist under climate change in fragmented landscapes. GLOBAL CHANGE BIOLOGY 18, 2057-2070. | teórico/ experimental | Austrália | NA | atributo | qualitativo |
| 35 | Aradottir, AL. 2012. Turf transplants for restoration of alpine vegetation: does size matter?. JOURNAL OF APPLIED ECOLOGY 49, 439-446. | monitoramento | Islândia | aberto | grupo | qualitativo |
| 36 | D'Astous, A; Poulin, M; Aubin, I; Rochefort, L. 2013. Using functional diversity as an indicator of restoration success of a cut-over bog. ECOLOGICAL ENGINEERING 61, 519-526. | monitoramento | Canadá | aquático | atributo | qualitativo |
| 37 | Hedberg, P; Saetre, P; Sundberg, S; Rydin, H; Kotowski, W. 2013. A functional trait approach to fen restoration analysis. APPLIED VEGETATION SCIENCE 16, 658-666. | monitoramento | Suécia | aquático | atributo | quantitativo |
| 38 | Suganuma, MS; de Assis, GB; de Melo, ACG; Durigan, G. 2013. REFERENCE ECOSYSTEMS FOR RIPARIAN FOREST RESTORATION: ARE THERE ANY PATTERNS OF BIODIVERSITY, FOREST STRUCTURE AND FUNCTIONAL TRAITS?. REVISTA ARVORE 37, 835-847. | monitoramento | Brasil | floresta | atributo | qualitativo |
| 39 | Erktan, A; Cecillon, L; Roose, E; Frascaria-Lacoste, N; Rey, F. 2013. Morphological diversity of plant barriers does not increase sediment retention in eroded marly gullies under ecological restoration. PLANT AND SOIL 370, 653-669. | teórico/ experimental | França | aquático | atributo | quantitativo |
| 40 | Martinez-Garza, C; Bongers, F; Poorter, L. 2013. Are functional traits good predictors of species performance in restoration plantings in tropical abandoned pastures?. FOREST ECOLOGY AND MANAGEMENT 303, 35-45. | monitoramento | México | floresta | atributo | quantitativo |
| 41 | Ellsworth, LM; Kauffman, JB. 2013. Seedbank responses to spring and fall prescribed fire in mountain big sagebrush ecosystems of differing ecological condition at Lava Beds National Monument, California. JOURNAL OF ARID ENVIRONMENTS 96, 1-8. | monitoramento | EUA | aberto | grupo | qualitativo |
| 42 | Helsen, K; Hermy, M; Honnay, O. 2013. Spatial isolation slows down directional plant functional group assembly in restored semi-natural grasslands. JOURNAL OF APPLIED ECOLOGY 50, 404-413. | monitoramento | Bélgica | aberto | atributo | quantitativo |
| 43 | Liu, XZ; Lu, YX; Yang, ZY; Zhou, YH. 2014. Regeneration and Development of Native Plant Species in Restored Mountain Forests, Hainan Island, China. MOUNTAIN RESEARCH AND DEVELOPMENT 34, 396-404. | monitoramento | China | floresta | grupo | qualitativo |
| 44 | Andrade, BO; Overbeck, GE; Pilger, GE; Hermann, JM; Conradi, T; Boldrini, II; Kollmann, J. 2014. Intraspecific trait variation and allocation strategies of calcareous grassland species: Results from a restoration experiment. BASIC AND APPLIED ECOLOGY 15, 590-598. | monitoramento | Alemanha | aberto | atributo | quantitativo |
| 45 | Johnston, DB; Chapman, PL. 2014. Rough Surface and High-Forb Seed Mix Promote Ecological Restoration of Simulated Well Pads. INVASIVE PLANT SCIENCE AND MANAGEMENT 7, 408-424. | monitoramento | EUA | aberto | grupo | qualitativo |
| 46 | Laughlin, DC. 2014. Applying trait-based models to achieve functional targets for theory-driven ecological restoration. ECOLOGY LETTERS 17, 771-784. | teórico/ experimental | NA | NA | atributo | qualitativo |
| 47 | Suganuma, MS; de Assis, GB; Durigan, G. 2014. Changes in plant species composition and functional traits along the successional trajectory of a restored patch of Atlantic Forest. COMMUNITY ECOLOGY 15, 27-36. | monitoramento | Brasil | floresta | atributo | qualitativo |
| 48 | Knapp, BO; Walker, JL; Wang, GG; Hu, HF; Addington, RN. 2014. Effects of overstory retention, herbicides, and fertilization on sub-canopy vegetation structure and functional group composition in loblolly pine forests restored to longleaf pine. FOREST ECOLOGY AND MANAGEMENT 320, 149-160. | teórico/ experimental | EUA | floresta | grupo | qualitativo |
| 49 | Barnes, AD; Chapman, HM. 2014. Dispersal traits determine passive restoration trajectory of a Nigerian montane forest. ACTA OECOLOGICA-INTERNATIONAL JOURNAL OF ECOLOGY 56, 32-40. | monitoramento | Nigéria | floresta | atributo | qualitativo |
| 50 | Tischew, S; Baasch, A; Grunert, H; Kirmer, A. 2014. How to develop native plant communities in heavily altered ecosystems: examples from large-scale surface mining in Germany. APPLIED VEGETATION SCIENCE 17, 288-301. | monitoramento | Alemanha | aberto | atributo | qualitativo |
| 51 | Pichancourt, JB; Firn, J; Chades, I; Martin, TG. 2014. Growing biodiverse carbon-rich forests. GLOBAL CHANGE BIOLOGY 20, 382-393. | teórico/ experimental | NA | floresta | atributo | quantitativo |
| 52 | Hedberg, P; Kozub, L; Kotowski, W. 2014. Functional diversity analysis helps to identify filters affecting community assembly after fen restoration by top-soil removal and hay transfer. JOURNAL FOR NATURE CONSERVATION 22, 50-58. | monitoramento | Polônia | aquático | atributo | qualitativo e quantitativo |
| 53 | Kimball, S; Lulow, ME; Mooney, KA; Sorenson, QM. 2014. Establishment and Management of Native Functional Groups in Restoration. RESTORATION ECOLOGY 22, 81-88. | planejamento e monitoramento | EUA | aberto | grupo | qualitativo |
| 54 | Garcia, LC; Hobbs, RJ; dos Santos, FAM; Rodrigues, RR. 2014. Flower and Fruit Availability along a Forest Restoration Gradient. BIOTROPICA 46, 114-123. | monitoramento | Brasil | floresta | atributo | qualitativo |
| 55 | Gibson-Roy, P; McLean, C; Delpratt, JC; Moore, G. 2014. Do arbuscular mycorrhizal fungi recolonize revegetated grasslands?. ECOLOGICAL MANAGEMENT & RESTORATION 15, 87-91. | monitoramento | Austrália | aberto | grupo | qualitativo |
| 56 | Mukherjee, JR; Jones, TA; Adler, PB; Monaco, TA. 2015. Contrasting Mechanisms of Recovery from Defoliation in Two Intermountain-Native Bunchgrasses. RANGELAND ECOLOGY & MANAGEMENT 68, 485-493. | planejamento | EUA | aberto | atributo | quantitativo |
| 57 | Strahan, RT; Stoddard, MT; Springer, JD; Huffman, DW. 2015. Increasing weight of evidence that thinning and burning treatments help restore understory plant communities in ponderosa pine forests. FOREST ECOLOGY AND MANAGEMENT 353, 208-220. | monitoramento | EUA | floresta | grupo | qualitativo |
| 58 | Fournier, B; Gillet, F; Le Bayon, RC; Mitchell, EAD; Moretti, M. 2015. Functional responses of multitaxa communities to disturbance and stress gradients in a restored floodplain. JOURNAL OF APPLIED ECOLOGY 52, 1364-1373. | monitoramento | Suiça | aquático | atributo | qualitativo |
| 59 | Uselman, SM; Snyder, KA; Leger, EA; Duke, SE. 2015. Emergence and early survival of early versus late seral species in Great Basin restoration in two different soil types. APPLIED VEGETATION SCIENCE 18, 624-636. | teórico/ experimental | EUA | aberto | grupo | qualitativo |
| 60 | Bochet, E; Garcia-Fayos, P. 2015. Identifying plant traits: A key aspect for species selection in restoration of eroded roadsides in semiarid environments. ECOLOGICAL ENGINEERING 83, 444-451. | planejamento | Espanha | semi-natural | atributo | qualitativo e quantitativo |
| 61 | Ilunga, EIW; Mahy, G; Piqueray, J; Seleck, M; Shutcha, MN; Meerts, P; Faucon, MP. 2015. Plant functional traits as a promising tool for the ecological restoration of degraded tropical metal-rich habitats and revegetation of metal-rich bare soils: A case study in copper vegetation of Katanga, DRC. ECOLOGICAL ENGINEERING 82, 214-221. | planejamento | Congo | aberto | atributo | qualitativo |
| 62 | Zhu, HX; Fu, BJ; Wang, S; Zhu, LH; Zhang, LW; Jiao, L; Wang, C. 2015. Reducing soil erosion by improving community functional diversity in semi-arid grasslands. JOURNAL OF APPLIED ECOLOGY 52, 1063-1072. | planejamento e monitoramento | China | aberto | atributo | NA |
| 63 | Fetcher, N; Agosta, SJ; Moore, JC; Stratford, JA; Steele, MA. 2015. The food web of a severely contaminated site following reclamation with warm season grasses. RESTORATION ECOLOGY 23, 421-429. | monitoramento | EUA | aberto | atributo | qualitativo |
| 64 | Garcia, LC; Cianciaruso, MV; Ribeiro, DB; dos Santos, FAM; Rodrigues, RR. 2015. Flower functional trait responses to restoration time. APPLIED VEGETATION SCIENCE 18, 402-412. | planejamento e monitoramento | Brasil | floresta | atributo | qualitativo e quantitativo |
| 65 | de Melo, ACG; Daronco, C; Re, DS; Durigan, G. 2015. Tree species attributes and facilitation of natural regeneration in heterogeneous planting of riparian vegetation. SCIENTIA FORESTALIS 43, 333-344. | planejamento e monitoramento | Brasil | floresta | grupo | qualitativo |
| 66 | Suganuma, MS; Durigan, G. 2015. Indicators of restoration success in riparian tropical forests using multiple reference ecosystems. RESTORATION ECOLOGY 23, 238-251. | monitoramento | Brasil | floresta | grupo | qualitativo |
| 67 | Gilardelli, F; Sgorbati, S; Armiraglio, S; Citterio, S; Gentili, R. 2015. Ecological Filtering and Plant Traits Variation Across Quarry Geomorphological Surfaces: Implication for Restoration. ENVIRONMENTAL MANAGEMENT 55, 1147-1159. | monitoramento | Itália | semi-natural | atributo e grupo | qualitativo e quantitativo |
| 68 | Schnoor, T; Bruun, HH; Olsson, PA. 2015. Soil Disturbance as a Grassland Restoration Measure-Effects on Plant Species Composition and Plant Functional Traits. PLOS ONE 10, -. | monitoramento | Suécia | aberto | grupo | qualitativo |
| 69 | Cavaille, P; Ducasse, L; Breton, V; Dommanget, F; Tabacchi, E; Evette, A. 2015. Functional and taxonomic plant diversity for riverbank protection works: Bioengineering techniques close to natural banks and beyond hard engineering. JOURNAL OF ENVIRONMENTAL MANAGEMENT 151, 65-75. | monitoramento | França e Suíça | aberto | grupo | qualitativo |
| 70 | Atwater, DZ; James, JJ; Leger, EA. 2015. Seedling root traits strongly influence field survival and performance of a common bunchgrass. BASIC AND APPLIED ECOLOGY 16, 128-140. | teórico/ experimental | EUA | aberto | atributo | qualitativo e quantitativo |
| 71 | Klippel, VH; Pezzopane, JEM; da Silva, GF; Caldeira, MVW; Pimenta, LR; Toledo, JV. 2015. EVALUATION OF FOREST RESTORATION METHODS OF TABLELAND FOREST, ES. REVISTA ARVORE 39, 69-79. | teórico/ experimental | Brasil | floresta | grupo | qualitativo |
| 72 | de Meira, MS; Pereira, IM; Machado, ELM; Mota, SDL; Otoni, TJO. 2015. POTENTIAL SPECIES FOR RECOVERY AREAS SEMIDECIDUOUS FOREST IN IRON EXPLORATION IN THE SERRA ESPINHACO. BIOSCIENCE JOURNAL 31, 283-295. | planejamento | Brasil | floresta | grupo | qualitativo |
| 73 | Strahan, RT; Meador, AJS; Huffman, DW; Laughlin, DC. 2016. Shifts in community-level traits and functional diversity in a mixed conifer forest: a legacy of land-use change. JOURNAL OF APPLIED ECOLOGY 53, 1755-1765. | teórico/ experimental | EUA | floresta | atributo | qualitativo e quantitativo |
| 74 | Guzman-Luna, A; Martinez-Garza, C. 2016. Performance of 15 tropical tree species recruited or transplanted on restoration settings. BOTANICAL SCIENCES 94, 757-773. | planejamento e monitoramento | México | floresta | atributo | quantitativo |
| 75 | Funk, JL; Wolf, AA. 2016. Testing the trait-based community framework: Do functional traits predict competitive outcomes?. ECOLOGY 97, 2206-2211. | teórico/ experimental | EUA | aberto | atributo | qualitativo e quantitativo |
| 76 | Engst, K; Baasch, A; Erfmeier, A; Jandt, U; May, K; Schmiede, R; Bruelheide, H. 2016. Functional community ecology meets restoration ecology: Assessing the restoration success of alluvial floodplain meadows with functional traits. JOURNAL OF APPLIED ECOLOGY 53, 751-764. | monitoramento | Alemanha | aberto | atributo | qualitativo e quantitativo |
| 77 | Rolo, V; Olivier, PI; Guldemond, RAR; van Aarde, RJ. 2016. Validating space-for-time substitution in a new-growth coastal dune forest. APPLIED VEGETATION SCIENCE 19, 235-243. | monitoramento | África do Sul | floresta | atributo | qualitativo e quantitativo |
| 78 | Gothe, E; Timmermann, A; Januschke, K; Baattrup-Pedersen, A. 2016. Structural and functional responses of floodplain vegetation to stream ecosystem restoration. HYDROBIOLOGIA 769, 79-92. | monitoramento | Europa | aquático | grupo | qualitativo |
| 79 | Mischkolz, JM; Schellenberg, MP; Lamb, EG. 2016. Assembling productive communities of native grass and legume species: finding the right mix. APPLIED VEGETATION SCIENCE 19, 111-121. | teórico/ experimental | Canadá | aberto | atributo | quantitativo |
| 80 | Laughlin, DC; Strahan, RT; Huffman, DW; Meador, AJS. 2017. Using trait-based ecology to restore resilient ecosystems: historical conditions and the future of montane forests in western North America. RESTORATION ECOLOGY 25, S135-S146. | teórico/ experimental | EUA | floresta | atributo | quantitativo |
| 81 | Merino-Martin, L; Courtauld, C; Commander, L; Turner, S; Lewandrowski, W; Stevens, J. 2017. Interactions between seed functional traits and burial depth regulate germination and seedling emergence under water stress in species from semi-arid environments. JOURNAL OF ARID ENVIRONMENTS 147, 25-33. | teórico/ experimental | Austrália | aberto | atributo | quantitativo |
| 82 | Boigne, A; Bureau, F; Huste, A; Levesque, S; Delorme, A; Quillet, L; Langlois, E. 2017. Effects of waterlogging levels on Holcus lanatus response traits in different created topsoils. FLORA 234, 106-118. | monitoramento | França | aquático | atributo | quantitativo |
| 83 | Engst, K; Baasch, A; Bruelheide, H. 2017. Predicting the establishment success of introduced target species in grassland restoration by functional traits. ECOLOGY AND EVOLUTION 7, 7442-7453. | monitoramento | Alemanha | aberto | atributo | qualitativo e quantitativo |
| 84 | Cole, I; Prober, S; Lunt, I; Koen, T. 2017. Establishment of native grasses and their impact on exotic annuals in degraded box gum woodlands. AUSTRAL ECOLOGY 42, 632-642. | monitoramento | Austrália | aberto | grupo | qualitativo |
| 85 | Giannini, TC; Giulietti, AM; Harley, RM; Viana, PL; Jaffe, R; Alves, R; Pinto, CE; Mota, NFO; Caldeira, CF; Imperatriz-Fonseca, VL; Furtini, AE; Siqueira, JO. 2017. Selecting plant species for practical restoration of degraded lands using a multiple-trait approach. AUSTRAL ECOLOGY 42, 510-521. | teórico/ experimental | Brasil | floresta | atributo | qualitativo e quantitativo |
| 86 | Laughlin, DC; Strahan, RT; Moore, MM; Fule, PZ; Huffman, DW; Covington, WW. 2017. The hierarchy of predictability in ecological restoration: are vegetation structure and functional diversity more predictable than community composition?. JOURNAL OF APPLIED ECOLOGY 54, 1058-1069. | monitoramento | EUA | floresta | atributo | quantitativo |
| 87 | Zirbel, CR; Bassett, T; Grman, E; Brudvig, LA. 2017. Plant functional traits and environmental conditions shape community assembly and ecosystem functioning during restoration. JOURNAL OF APPLIED ECOLOGY 54, 1070-1079. | monitoramento | EUA | aberto | atributo | qualitativo e quantitativo |
| 88 | Torrez, V; Mergeay, J; De Meester, L; Honnay, O; Helsen, K. 2017. Differential effects of dominant and subordinate plant species on the establishment success of target species in a grassland restoration experiment. APPLIED VEGETATION SCIENCE 20, 363-375. | teórico/ experimental | Bélgica | aberto | atributo | qualitativo e quantitativo |
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