Your Details

Your Full name	
Your email	
Project Name	
Data Availability	This is a dropdown list with pre populated options, please choose one, then put extra details below
If data is available after a date, please provide the date	
If data availability is other, please provide details	
Feedback	You can add extra feedback here, or in the email to us!
Paper Title	
Journal / Report Source	
Year	
DOI (if applicable)	

Site details	
Site name	*Your identifying site name*
Site location	*State, Country*
Latitude	
Longitude	
Coordinate units	*This refers to the units in which you have provided the lat/long. Choose one: Decimal degrees; Degrees, minutes, seconds; UTM*
UTM Zone	*If the coordinate units are UTM, please provide the UTM zone here. Otherwise, do not edit.*
Reference ecosystem	*What type of historical or undegraded community would have been on the restoration site if it was not degraded?*
Soil properties %Sand	
Soil properties %Silt	
Soil properties %Clay	
Soil description	*Qualitative description of soil type*
Soil depth	*Qualitative description of soil depth*
Average annual temperature	*Please provide in °Celsius*
Average annual preciptiation	*Please provide in mm/year*
Disturbance	*Site disturbance leading to the need for restoration*
Mined resource	*If the disturbance is mining, please provide what was being mined.*
Oil and gas development type	*If the disturbance is oil and gas, type of development on site (e.g. pipeline, well pad, etc.)*
Invasive species	*If species invasion is present on site, the primary species of concern*

Treatment details	
Site	*Your identifying site name or code; should match the "Site_details" worksheet.*
Treatment name	*Your identifying treatment name or code*
Treatment description	*Written description of treatment*
Seeding year	*Year when seeding occurred*
Seeding month	*Month (numeric) when seeding occurrred*
Seeding day	*Day of month when seeding occurred*
Seed application method	*Please choose from: "Hand broadcast"; "Mechanically broadcast"; "Drill"; "Aerial"; "Hydroseed"; "Other"; "None"*
If multiple seed application methods were used, please list them with details here. If 'other', please provide details.	
Growth medium	*Please choose from: "Topsoil"; "Mine waste"; "Mine fines"; "Mine byproduct"; "Gypsum spoil"; "Scoria"; "Other"; "None"*
If multiple growth mediums were used, please list them with details here. If 'other', please provide details.	
Topsoil age	*If topsoil was a growth medium, estimated age in years.*
Irrigation	*Yes or no*
Irrigation details	*If irrigated, how many times? How long after seeding? How much water was applied?*
Weed control	*What kind of weed control was applied? When?*
Nutrient addition	*Yes or no*
Nutrient addition details	*How were the nutrients applied? If chemical, what chemical? In what quantity? When?*
Site grading	*Yes or no*
Seed bed material	*Please choose from: "Biochar"; "Brush"; "Mulch"; "Straw"; "Compost"; "Woodchips"; "Gravel"; "Kelp"; "Organic material"; "Manure"; "Hay"; "Other"; "None"*
If seed bed material is 'other', please provide details.	
Seed bed preparation	*Please choose from: "Tilling"; "Tilling (shallow)"; "Tilling (deep)"; "Scarification"; "Harrowing"; "Raking"; "Pitting"; "Fire"; "Ripping"; "Ripping (shallow)"; "Ripping (deep)"; "Discing"; "Other"; "None"*
If seed bed preparation is 'other', please provide details.	
Erosion control methods	*Please choose from: "Rolling"; "Blanket"; "Cover crop"; "Other"; "None"*
If erosion control method is 'other', please provide details.	
Grazer manipulation	*Please choose from: "Grazer addition"; "Grazer removal"; "Grazing allowed"; "None"*

Shelter used	*Please choose from: "Nurse plant"; "Dead plant material"; "Artificial box"; "None"*
Other restoration treatments	

Seeded species	
Site	*Your identifying site name or code; should match the "Site_details" worksheet. If only one seed mix was applied, please enter "All" or "All but unseeded controls" here*
Treatment	*Your identifying treatment name or code; should match the "Treatment_details" worksheet. If only one seed mix was applied, please enter "All" or "All but unseeded controls" here*
Species code	*Your identifying species code; should match your monitoring results*
Scientific name	*Genus species*
Cultivar	*If cultivar is known, please include here*
Pretreament	*if seed was pre-treated, include here*
Origin	*native or exotic*
Rate	*Seed rate*
Units	*Units of seed rate*
Seed source	*Please choose from: "Commercial grown"; "Wild collected"; "Local supplier"; "Other"*
If seed source is 'other', please provide details.	
Source details	*Where did the seed source originate? This can be in distance from the restoration site, location, or any other relevant information*

Planted species	
Site	*Your identifying site name or code; should match the "Site_details" worksheet. If only one seed mix was applied, please enter "All" or "All but unseeded controls" here*
Treatment	*Your identifying treatment name or code; should match the "Treatment_details" worksheet. If only one seed mix was applied, please enter "All" or "All but unseeded controls" here*
Species code	*Your identifying species code; should match your monitoring results*
Scientific name	*Genus species*
Cultivar	*If cultivar is known, please include here*
Pretreament	*if seed was pre-treated, include here*
Origin	*native or exotic*
Rate	*Seed rate*
Units	*Units of seed rate*
Material source	*Please choose from: "Commercial grown"; "Wild collected"; "Local supplier"; "Other"*
If material source is 'other', please provide details.	
Source details	*Where did the material source originate? This can be in distance from the restoration site, location, or any other relevant information*

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Source details	*Where did the material source originate? This can be in distance from the restoration site, location, or any other relevant information*

Monitoring details	
Method	*Please choose one: "Plot"; "Transect"; "Other". Note that plot is synonymous with quadrat.*
If method is 'other', please provide details.	
Scale	*Please detail spatial scale (area of plot, length of transect, etc.). Include units*
Metric	*Please choose one: "Frequency"; "Density"; "Cover"; "Biomass"; "Other"*
If metric is 'other', please provide details	
Notes	*Please include any other relevant notes here*

Time point details	
Site (optional)	*If monitoring time was split by site, please list the site name or code here. That code should match the "Site details" worksheet*
Treatment (optional)	*If monitoring time was split by treatment please list the site name or code here. That code should match the "Treatment details" worksheet*
Timepoint code (optional)	*If timepoints are identified in the "Monitoring results" workbook as anythig other than the date, please include that identifying code here.*
Day	*Day of monitoring*
Month	*Month of monitoring*
Year	*Year of monitoring*

Monitoring results_opt1	
NOTE: Choose EITHER this option for monitoring results OR the second option for monitoring results ("Monitoring results_opt2" worksheet)	
Treatment name	*Your identifying treatment name or code; should match code in "Treatment details" worksheet*
Block (optional)	*If treatments have multiple blocks or other grouped spatial configuration, list that code here*
Plot	*Plot number (i.e. replicate number, quadrat code, etc.)*
Timepoint	*Monitoring timepoint, either as a date or as a code if the code is detailed in the "Monitoring details" workbook*
Species code	*Should match species code in "Full species list" worksheet*
Value	*Value (density, cover, biomass, etc.)*

Monitoring results_opt2	
NOTE: Choose EITHER this option for monitoring results OR the first option for monitoring results ("Monitoring results_opt1" worksheet)	
NOTE: This is the only worksheet where column names should be modified. Each column should have a header that matches species codes in the "Full species list" worksheet	
Treatment name	Your identifying treatment name or code; should match code in "Treatment details" worksheet
Block (optional)	If treatments have multiple blocks or other grouped spatial configuration, list that code here
Plot	Plot number (i.e. replicate number, quadrat code, etc.)
Timepoint	Monitoring timepoint, either as a date or as a code if the code is detailed in the "Monitoring details" workbook
Species code1	Value (density, cover, biomass, etc.)
Species code2	Value (density, cover, biomass, etc.)
Species code3	Value (density, cover, biomass, etc.)
Species code4	Value (density, cover, biomass, etc.)
ETC......	Value (density, cover, biomass, etc.)