BIODIVERSITY EXPLORATORIES I System

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general

<u>id</u> 20826 <u>versionID</u> 1.14.10

lineage

datasetid 0 version 1.0.0

title Basic Information of all Experimental Plots (EPs)

<u>language</u> en

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notification

downloadNotification nobody
projectName BExIS (core)
consortia None

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researchObjects

approxNumberOfPlots

 noOfGP
 300

 noOfEP
 300

 noOfMIP
 150

 noOfVIP
 57

habitats grassland

grassland yes forest yes experimentalManipulation no

relativePositionToGround

aboveGround yes belowGround yes

repeatedMeasurement

timeBasedRepetition
numberOfRepetitions 0
plotBasedRepetition
numberOfSubPlots 0

taxa

taxon1 Plants

processesAndServices

processOrService1 None

environmentalDescriptors

environmentalDescriptor1 Soil environmentalDescriptor2 Land Use environmentalDescriptor3 Spatial

bioticDataTypes

bioticDataType1 Multiple Species



methodology Major information to all experimental plots like coordinates, soil types, height introduction above see level, main tree species, ... measurements Experimental plot selection based on inventories of grid plots. Coordinates, soil types, tree information are based on respective survey teams. Elevation, Slope ans Aspect is from dataset with ID 11603. All other information are theory provided by the respective land management teams. Information regarding grid plots can be found in dataset "Coordinates and Inventory Overview of All Grid Plots" with ID 20907. type equipment instruments calibration procedures description acronyms acronymPair1 acronym1 VIP meaning1 very intensive research plots acronymPair2 acronym2 MIP medium intensive research plots meaning2 keywords keyword1 coordinates keyword2 plot center time when format dd.MM.yyyy startDate 01.07.2006 endDate 31.12.2016 dateEntry 2016-12-22 2018-06-07 dateLastModified data 20826_221216_040528_10580_newVersion.xlsx; 20826_260117_100633_20826_onlyALB.xlsx; 20826_270117_105517_20826_onlyALB.xlsx; 20826_270117_043626_20826-Hai-EcoFarming.xlsx; <u>fileName</u> 20826_270117_043942_20826-Hai-EcoFarming.xlsx; 20826_300317_082733_20826.xlsx; 20826_300317_023757_20826hai-newPlot.xlsx; 20826_180518_100712_20826_Basic Information of all Experimental Plots (EPs)_1.12.19.xlsx; 20826_180518_100946_20826_Basic Information of all Experimental Plots (EPs)_1.12.19.xlsx; fileType structuredData manipulations errors validated qualityLevel dataStatus complete location exploratory keyExplo asVariable valueExplo Exploratory keyPlots asVariable valuePlots PlotID srs

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	Landuse	string		either G for grassland or F for forest	0		00 000000000 0 00000000 0 0

1	EP_PlotID	string		formatted as (A H S)E(G W)\d{1,2}	0
2	PlotID	string		formatted as (A H S)1,5]	0
3	Exploratory	string		ALB, HAI or SCH	0
4	Landuse	string		either G for grassland or F for forest	0
5	ActivePlot	string		yes or no	0
6	ActiveSince	date		since when the plot is active; if cell is empty the initial date 01.04.2008 is valid	0
7	CanceledSince	date		since when the plot is canceled; if cell is empty the plot is not canceled; usually a replacement with the same plotid should exists	0
8	Comments	string		more important information	0
9	VIP	string		plot belongs to very intensive plot category; yes or no	0
10	MIP	string		plot belongs to medium intensive plot category; yes or no	0
11	RW	realNumber	m	refers to exact plot center; DHDN3 for ALB; DHDN4 for HAI; DHDN5 for SCH	0
12	HW	realNumber	m	refers to exact plot center; DHDN3 for ALB; DHDN4 for HAI; DHDN5 for SCH	0
13	District_Operator	string		forest district or grassland operator	0
14	LocalName	string		name of a small geographical region	0
15	SoilTypeGerman	string		soil type after Deutsche Bodensystematik	0
16	SoilTypeWRB	string		soil type after World Reference Base for Soil Resources (WRB)	0
17	Elevation	realNumber	m	height above sea level; average over plot area	0
18	Slope	realNumber	degree	grade; average over plot area	0
19	Aspect	realNumber	degree	aspect; circular average over plot area; 360=0==due north	0
20	MainTreeSpecies	string		main tree species on area; acronyms after forest inventory instructions (ID: 15146)	0
21	BiotopeID	string		ID of biotop after list provided by respective federal state authority	0

comment		be archived.	ing dataset "EP_	_aii_expl	oratories" (ID: 10580), w	nich	
comment	-						
dataset3	209	07					
dataset2	151						
dataset1	116						
relatedDatasets							
paper1	Kor Sch EE fund	Fischer M., Bossdorf O., Gockel S., Hänsel F., Hemp A., Hessenmöller D., Korte G., Nieschulze J., Pfeiffer S., Prati D., Renner S., Schöning I., Schumacher U., Wells K., Buscot F., Kalko E. K. V., Linsenmair K.E., Schulze ED., Weisser W.W. (2010): Implementing large-scale and long-term functional biodiversity research: The Biodiversity Exploratories Basic and Applied Ecology 11 (6), 473-485. doi: 10.1016/j.baae.2010.07.009					
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	26	HW_Grid	realNumber	degree	refers to the 100er coordinate of the selection grid; DHDN3 for ALB; DHDN4 for HAI; DHDN5 for SCH	0	
	25	RW_Grid	realNumber	degree	refers to the 100er coordinate of the selection grid; DHDN3 for ALB; DHDN4 for HAI; DHDN5 for SCH	0	Cycle Cycl
	24	EcologicalFarming	string		cultivation under ecological guidelines; yes or no	0	12 15 15 15 15 15 15 15
	23	ConservationType	string		protected area category after BNatSchG; NSG1=Naturschutzgebiet Kernzone 1; NSG2 Naturschutzgebiet; LSG= Landschaftsschutzgebiet; FFH=Flora-Fauna-Habitat	0	No second
	22	BiotopName	string		name of biotop after list provided by respective federal state authority	0	Section in Section 2015 Section