Person responsible:	Simon Kolb,	Forest	Research	Institute,	Depart.	of Soils a	nd Environme	nt (Simon.	Kolb@forst	.bwl.de)
Name of Sampler										
Region										
Plot ID										
Date of Sampling										
Time of Sampling										
A: Permanent suction	n cup (PSC)									
	, ,									
Pressure of deflation [bar]	Cł	neck first, if	there was pre	essure remaining	in the syste	m (connect the	pump, open the va	live and read or	ut the pressure	gauge).
Amount of soil solution [ml]		nount of soi	I solution in s	ample bottle. Ur	it: milliliter. F	Required accura	cy: 50ml (-> 0, 50,	100, 150,10	000 > 1000)	
Sample filled in bottle										
	ID ab	This field serves mainly for reminder. Fill in the labeling of bottle, in which you fill the sample (e.g. [Region_abbreviation]_[Plot ID]_[60]). Use as [Region_abbreviation] = FN(Finland);RO(Romania);PL(Poland);IT(Italy);SP(Spain);D(Germany). [60] is the abbreviation for (60 cm depth) PERMANENT suction cup. Crucial for database of our laboratory. E.g.: FN_01_60								
Pressure set up after samp	Ne	ew pressure ainly for rem	to which the ninder.	permanent suct	ion cup devi	ce is set up after	sampling, should	always be 0.5/0	0.6 bar. This fie	ld serves
Remarks: Any particular oc	currences e.g. o	damaged s	system/cond	ucted maintain	ance/assun	nption of pollut	ed sample can b	e noted here.		
B: Soil moisture (Dat	a Logger Em	150)								
Checked device identity (no	o=0/yes=1) Op	oen software	e "ECH20 Util	lity" and check if	"Device ider	ntity" (Name and	Site Name) corre	sponds to the P	Plot ID	
Logger read out (no=0/yes	=1) Th	nis field serv	es mainly for	reminder.						
Data file saved at laptop (n	o=0/yes=1) Th	nis field serv	es mainly for	reminder.						

FIELD PROTOCOL FOR WORK PACKAGE T 3.10 FRESHWATER PROVISIONING, WATER QUALITY

FIELD PROTOCOL FOR WORK PACKAGE T 3.10 FRESHWATER PROVISIONING, WATER QUALITY											
Person r	esponsible:	Simon Kol	lb, Forest	Research	Institute,	Depart.	of Soils	and Environme	ent (Simon.	.Kolb@forst	.bwl.de)
Plot ID											

C: Mobile suction cup (MSC)

Sampling point of MSC	Sampling point number from which sample is collected. You find the sampling scheme plan/map in the xis-file on the spreadsheet "Spatial_Sampling_Scheme"						
Pressure of deflation [bar]	See "Pressure of deflation" at A:Permanent suction cup (PSC)						
Amount of soil solution [ml]	Amount of soil solution in sample bottle. Unit: milliliter. Required accuracy: 50ml (-> 0, 50, 100, 150,1000 > 1000)						
Sample filled in bottle	This field serves mainly for reminder. Fill in the labeling of bottle, in which you fill the sample (e.g. [Region_abbreviation]_[Plot ID]_[sampling_point_of_MSC]_[60]). Use as [Region_abbreviation] = FN(Finland);RO(Romania);PL(Poland);IT(Italy); SP(Spain); D(Germany), as [sampling_point_of_MSC] the point of sampling. [60] is the abbreviation for (60 cm depth) PERMANENT suction cup. Crucial for database of our laboratory. E.g.: FN_01_01_60						
Moved MSC to sampling point	New sampling point to which the MSC device is installed according "Spatial_Sampling_Scheme".						
Pressure set up after sampling [bar]	New pressure to which the permanent suction cup device is set up after sampling, should always be 0.5/0.6 bar. Reminder-field.						
Marked previous sampling point (no=0/	yes=1) Previous sampling point should be marked (e.g. by a stick). Crucial for parallel measurements which take place later						

Remarks: Any particular occurrences e.g. damaged system/conducted maintainance/assumption of polluted sample can be noted here.

Time needed for A					
Time needed for B					
Time needed for C					
Time needed for D					

Fill in the duration of sampling for A, B and C

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Person responsible: Simon Kolb, Forest Research Institute, Depart. of Soils and Environment (Simon.Kolb@forst.bwl.de)

D: Deposition sampler Name of Sampler Region Point ID Sampler ID Date of Sampling Time of Sampling Pollution in funnel (no=0/ves=1)You find a hind of pollution in the funnel/bottle (bird excrements), please make notes. Sample used for composite sample (no=0/ves=1)If you cannot find a hind of pollution, the sample can be used for a composite sample. Sample discarded (no=0/yes=1)If you find a hind of pollution, the sample should not be used for a composite sample Amount of Amount of soil solution in every sample bottle. Unit: milliliter. Required accuracy: 10ml water in sampler [ml] Sum of water of all 3 Sum of water of the three sample bottles standing on this sampling point. samplers[ml] Composite This field serves mainly for reminder. Fill in the lableing of bottle, in which you fill the sample (e.g. [Region_abbreviation]_[Point ID]). Use as [Region_abbreviation] = FN(Finland);RO(Romania);PL(Poland);IT(Italy);SP(Spain);D(Germany) and for [Point ID] use Point sample filled ID where you find 3 set up deposition samplers. E.g.: FN 01 in bottle Clean up the sampling bottle and the funnel (and the glass) with distilled water before twisting the bottle and funnel together. Sampler and CAUTION: DON'T TOUCH IN THE FUNNEL, THE GLASS, IN THE BOTTLE (the laboratory will measure the ingredients of rainfall funnel and not the chemical composition of your perspiration) cleaned

Remarks:

FIELD PROTOCOL FOR WORK PACKAGE T 3.10 FRESHWATER PROVISIONING, WATER QUALITY

Person responsible: Simon Kolb, Forest Research Institute, Depart. of Soils and Environment (Simon.Kolb@forst.bwl.de)

E: Meteorological Measurements

CAUTION: sampling scheme instructions will follow after ordering and installing rain gauge samplers