8 Appendices

Appendix I. The description of the thresholds of the tread condition characteristics used for the assessment of the tread substrates as a proportion of transect width, which are used to describe the trail system as mutually exclusive tread condition categories

Tread Condition Characteristics	Code	Description
Soil	S	All soil types including sand and organic soils, excluding organic litter unless it is highly pulverized and occurs in a thin layer or smaller patches over bare oil.
Litter	L	Surface organic matter including Intact or partially pulverized leaves, needles, or twigs that mostly or entirely cover the tread substrate.
Vegetation	V	Live vegetative cover including herbs, grasses, mosses rooted within the tread boundaries. Ignore vegetation hanging in from the sides.
Rock	R	Naturally-occurring rock (bedrock, boulders, cobble or natural gravel If rock or native gravel is embedded in the tread soil estimate the percentage of each and record.

Mud	M	Seasonal or permanent wet and muddy soils that show imbedded foot or hoof prints from previous or current use (omit from previous previous or current use (omit temporary mud created by a very recent rain)The objective is to include only transect segments that are frequent muddy enough to divert trail users around problem.
Gravel	G	Human-placed (imported) gravel
Roots	RT	Exposed tree or shrub roots
Water	W	Portions of mud-holes with water or water from intercepted
Wood	Wo	Human-placed wood (water bars, bog bridging, cribbing)
Other	O	Specify

Appendix II Trail degradation level model used for qualitative condition class assessment of all trails in the three urban forest study areas; Bohnické a Draháňské valley, Ďáblic Haj and Wild Šárka Urban Forest

Trail Degradation Level Model

Condition Level	Presence of indicator	Description
Class I	Trail width < 5 meters, < 0.15 incision, less than three treads, some exposed soil or muddy spots may be present but most cases rear.	Slightly Damage Trail. The trail is stable and does not demand any regular maintenance
Class II	Trail Width > 1.5 meters. Trail incision is between 0.15 and 0.3. Presence of muddiness and water/running water.	Moderately Damaged trail. This trail segments may show deteriorating condition requires, which may prescribe some management action but not regular.
Class III	Incsion > 0.5 meters .The trail shows one type of impact or several impacts features/indicators. Usually, the trail has a combination of trail width, multiple treads and incision, which are excessive. Presence of exposed rock/bedrock and roots This trail may be affected by landslide.	Highly damaged trail. The trail shows potetential hotspot of impact features and it is significantly impacted. Such trails require extensive and regular maintenance.
Class IV	Significantly damaged basic impact features more than class III. Trail Width > 3meters, incision > 0.5 meters, greater percentage of loose soil. The trail has presence of greater percentage loose soil. Absence of organic layer, excersive exposure of root and rock/bedrock.	Severely damaged trail. The trail may show one or more impact features that are severely damaged to satisfy this category.The basic impact indicators must be compare-

	The trail is very muddy and the outer boundary is trail is highly eroded. Overall trail indicators are excessively damaged.	ed class III. If the basic parameter /indicators show heavily damaged more than class III it satisfies this category. Hence, the trail requires immediate maintenance in order to remove ecological and public threat.

Appendix III qualitative trail Condition Class assessment with some impact indicators (MIC, TW, Muddiness and presence of root together with rock and exposed soil) with reference to trail degradation Level Model in appendix?.

Trail Name	Trail Impact Indicators level			Impact Description	CC category
	Mean MIC	Mean TW	Tread Substrate Problem Level		

| Bohnice Trails | 0.48417[b] | 3.73750[b] | Moderate presence of tread problem such as; exposed root and rock which cause roughness of trail. Presence of horse dung, some presence of exposed soil less than 50%.Absence of other tread problems (muddiness, standing water, and fallen or human placed wood in the transect of trail. see figure……for more detail of the tread substrates | According to the already defined trail degradation level model, this trail segment clearly show deteriorating condition. Slightly damaged, because of the parameters of the mean maximum incision and the picture illustration in figure 1 specifically near the botanical garden of the 1.5 km natural trail . | Condition class II |

Continuation page for Appendix III

| Dablice Trails | 0.22525[a] | 3.46746[a] | Slight presence of tread problem such as;

-Presence of some exposed soil less 5%. which is mostly covered by gravel

-Less than 10% presence of naturally occurring rock, which occupy some proportion of the trail transect and its is visually insignificant | According to the already defined trail degradation level model, this trail quite stable. | Condition class I |

			-Absence of tread problems such as; muddiness, standing water, exposed root and wood. See figure…… for more detail of the tread substrate condition		

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Wild Sarka Trails	0.26729[a]	3.43148[a]	-Moderate presence of tread conditions such as; exposed soil and rock at low level -Absence of tread condition problems such as; muddy spots, running water on trail and exposed root	According to the already defined trail degradation level model, this trail quite stable.	condition class I

Appendix IV: Point Sampling Problem assessment data sheet for all the indicators

Trail Name: Bohnické Blue Trail

Trail Problem Assessment: Potential trail Impact Indicators

SP	IT	ST	TW	MIC (m)				HI(MIC)
P1	2	0	3.5	0.21	0.2	0.23	0.3	0.3
P2	1	0	3.5	0.28	0.22	0.21	0.2	0.28
P3	3	1	3.2	0.3	0.24	0.29	0.21	0.3
P4	1	2	3.2	0.31	0.29	0.3	0.27	0.31
P5	2	0	3.2	0.23	0.24	0.26	0.24	0.26
P6	3	0	3.5	0.28	0.31	0.27	0.26	0.31
P7	2	0	3.3	0.2	0.23	0.2	0.21	0.23
P8	2	1	4.4	0.29	0.3	0.26	0.28	0.3
P9	3	2	3.1	0.24	0.27	0.3	0.5	5
P10	0	0	4.2	0.3	0.03	0.31	0.32	0.32
P11	1	0	4.1	0.3	0.04	0.33	0.34	0.34
P12	0	0	3.5	0.29	0.32	0.31	0.32	0.32
P13	2	0	4.3	0.23	0.22	0.21	0.28	0.28
P14	1	0	4.1	0.32	0.29	0.23	0.23	0.32
P15	0	1	3.2	0.28	0.31	0.33	0.32	0.32

SP	IT	ST	TW	MIC				HI (MIC)
P16	1	0	3.3	0.22	0.21	0.23	0.31	0.31
P17	3	0	4.3	0.23	0.25	0.31	0.32	0.32
P20	1	0	4.3	0.32	0.32	0.31	0.25	0.32
P21	2	0	4.1	0.34	0.32	0.33	0.31	0.34
P22	1	0	4	0.27	0.25	0.32	0.35	0.35
P23	0	0	4	0.26	0.31	0.31	0.33	0.33
P24	2	0	3.4	0.23	0.29	0.28	0.32	0.32
P25	1	0	4	0.31	0.28	0.33	0.36	0.36
P26	0	0	4	0.27	0.31	0.33	0.35	0.35

SP= Sample point   ST= Secondary Trail

TW= Trail Width   MIC= Maximum Incision

IT= Informal trail   HI (MIC) = Highest Maximum Incision

0= Absence of trail indicators (Paved trails)

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Trail Name: Bohnické Natural Trail

Trail Problem Assessment: Potential trail impact indicators

SP	IT	ST	TW	MIC				HI (MIC)
P1	2	0	3.2	0.21	0.2	0.23	0.3	0.3
P2	1	0	3	0.28	0.22	0.21	0.2	0.28
P3	3	1	3.2	0.3	0.24	0.29	0.21	0.3
P4	1	2	3.2	0.31	0.29	0.3	0.27	0.31
P5	2	0	3.4	0.23	0.24	0.26	0.24	0.26
P6	3	0	3.3	0.28	0.31	0.27	0.26	0.31

P7	2	0	4	0.2	0.23	0.2	0.21	0.23
P8	2	1	4	0.29	0.3	0.26	0.28	0.3
P9	3	2	3.1	0.24	0.27	0.3	0.5	5
P10	0	0	4	0.3	0.03	0.31	0.32	0.32
P11	0	0	4	0.41	0.35	0.39	0.38	0.41
P12	1	0	3.5	0.38	0.35	0.4	0.41	0.4
P13	0	1	3.5	0.37	0.39	0.5	0.43	0.5
P14	1	0	3.4	0.34	0.33	0.27	0.42	0.42
P15	2	0	3.3	0.32	0.35	0.34	0.39	0.39
P16	1	0	3.4	0.42	0.39	0.35	0.32	0.42
P17	0	0	4	0.29	0.4	0.39	0.36	0.4
P18	1	0	3.4	0.27	0.23	0.2	0.21	0.27
P19	3	1	4	0.22	0.29	0.2	0.21	0.29
P20	2	0	4	0.32	0.24	0.28	0.33	0.32
P21	0	0	3.3	0.29	0.22	0.22	0.34	0.34
P22	0	0	3.4	0.24	0.26	0.29	0.3	0.34
P23	1	0	3.3	0.32	0.28	0.21	0.26	0.32
P24	3	0	3.2	0.23	0.31	0.28	0.26	0.31
P25	0	0	4	0.21	0.35	0.39	0.25	0.39
P26	0	0	4.1	0.22	0.29	0.33	0.22	0.33
P27	1	0	4	0.32	0.32	0.34	0.29	0.34
P28	0	1	3.5	0.23	0.28	0.32	0.26	0.32
P29	1	0	4.3	0.34	0.32	0.29	0.25	0.34
P30	2	0	4.2	0.31	0.29	0.23	0.45	0.31
P31	0	0	3.5	0.35	0.31	0.22	0.41	0.41
P32	0	0	4	0.24	0.25	0.26	0.26	0.26
P33	1	0	4	0.31	0.34	0.29	0.3	0.34
P34	0	0	3.4	0.23	0.31	0.25	0.22	0.31
P35	1	0	3.5	0.24	0.33	0.32	0.31	0.33

SP	IT	ST	TW	MIC								
P36	0	0	4.2	0.44	0.27	0.26	0.28	0.44

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Trail Name: Ďáblický forest Green Trail

Trail Problem Assessment: Potential trail impact indicators

SP	IT	ST	TW	MIC			HI(MIC)	
P1	0	0	3.1	0.2	0.22	0.21	0.18	0.22
P2	3	0	3.4	0.24	0.15	0.21	0.19	0.24
P3	0	0	3	0.31	0.3	0.2	0.32	0.32
P4	3	1	4	0.23	0.22	0.12	0.2	0.23
P5	6	0	4.5	0.33	0.23	0.24	0.14	0.33
P6	2	0	3	0.21	0.23	0.22	0.24	0.24
P7	0	0	3.1	0.2	0.21	0.24	0.29	0.24
P8	2	0	3.2	0.26	0.24	0.23	0.19	0.26
P9	3	0	3.2	0.23	0.22	0.27	0.31	0.37
P10	2	0	3.2	0.21	0.19	0.23	0.24	0.24
P11	2	1	4.1	0.22	0.22	0.31	0.33	0.33
P12	3	0	3.4	0.23	0.23	0.2	0.21	0.23
P13	4	0	4.3	0.3	0.31	0.24	0.2	0.31
P14	2	0	3.2	0.2	0.22	0.21	0.21	0.22
P15	2	2	3.4	0.23	0.2	0.21	0.2	0.23
P16	0	0	3.5	0.32	0.3	0.22	0.33	0.33
P17	3	0	4	0.24	0.22	0.14	0.2	0.24
P18	2	0	3.4	0.34	0.22	0.24	0.14	0.34
P19	1	0	3.3	0.23	0.23	0.22	0.24	0.24
P20	3	2	3.4	0.23	0.24	0.3	0.24	0.3
P21	5	1	4.1	0.31	0.32	0.24	0.34	0.34

SP	IT	ST	TW	MIC				HI(MIC)
P22	2	0	3.4	0.3	0.3	0.34	0.31	0.34
P23	1	0	3.3	0.24	0.2	0.22	0.2	0.24
P24	4	0	3.3	0.22	0.14	0.23	0.3	0.3
P25	3	1	4.1	0.3	0.33	0.3	0.24	0.33
P26	1	0	3.2	0.34	0.24	0.3	0.24	0.34
P27	2	0	4	0.4	0.34	0.33	0.3	0.4

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Trail Name: Ďáblický forest Yellow Trail

Trail Problem Assessment: Potential trail impact indicators

SP	IT	ST	TW	MIC				HI(MIC)
P1	0	1	2.87	0.2	0.21	0.31	0.21	0.31
P2	2	2	2.7	0.33	0.3	0.23	0.31	0.33
P3	4	1	4.02	0.12	0.2	0.21	0.32	0.32
P4	2	0	4.09	0.22	0.21	0.23	0.3	0.3
P5	2	0	3.2	0.1	0.24	0.13	0.12	0.24
P6	1	0	2.7	0.24	0.32	0.31	0.41	0.41
P7	4	0	3.75	0.14	0.2	0.22	0.23	0.23
P8	2	0	4.6	0.21	0.23	0.22	0.24	0.24
P9	3	1	2.05	0.34	0.2	0.21	0.22	0.34
P10	3	1	2.15	0.24	0.32	0.31	0.3	0.32
P11	0	0	3.4	0.23	0.32	0.35	0.4	0.4
P12	4	0	3.2	0.22	0.22	0.24	0.21	0.24
P13	5	0	3.5	0	0	0	0	0
P14	2	1	3.4	0	0	0	0	0

P15	0	0	3.04	0	0	0	0	0
P16	3	0	4.2	0	0	0	0	0
P17	4	0	3.01	0	0	0	0	0
P18	5	0	3.4	0	0	0	0	0
P19	2	2	3	0	0	0	0	0
P20	0	0	3.5	0	0	0	0	0
P21	0	0	3.3	0	0	0	0	0
P22	1	0	3.4	0	0	0	0	0
P23	4	0	3.3	0	0	0	0	0
P24	3	2	3.4	0	0	0	0	0
P25	2	0	3.4	0	0	0	0	0
P26	2	0	4.3	0.2	0.22	0.32	0.21	0.32
P27	0	0	4	0.33	0.3	0.23	0.31	0.33
P28	3	1	3.4	0.18	0.21	0.21	0.25	0.25
P29	0	0	3.3	0.22	0.21	0.23	0.24	0.24
P30	2	0	4.4	0.21	0.24	0.18	0.22	0.24
P31	3	0	4	0.24	0.25	0.23	0.25	0.25
P32	0	1	3.5	0.23	0.21	0.21	0.2	0.23

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Trail Name: Wild Sarka Red Trail

Trail Problem Assessment: Potential trail Impact Indicators

SP	IT	ST	TW	MIC(m)				HI MIC)
P1	2	0	4	0.17	0.17	0.18	0.14	0.18
P2	1	0	4.3	0.19	0.23	0.25	0.22	0.25
P3	2	0	3.1	0.18	0.19	0.28	0.13	0.28

P4	3	0	2.8	0.19	0.21	0.21	0.24	0.24
P5	1	0	2.9	0.22	0.24	0.24	0.23	0.24
P6	4	0	2.6	0.22	0.23	0.23	0.24	0.24
P7	2	0	3.1	0.23	0.22	0.34	0.29	0.34
P8	3	0	2.7	0.21	0.25	0.31	0.25	0.31
P9	0	0	3.1	0.21	0.24	0.33	0.31	0.33
P10	4	0	3.2	0.2	0.24	0.32	0.24	0.32
P11	2	0	3	0.21	0.2	0.21	0.24	0.24
P12	1	0	3.2	0.22	0.19	0.21	0.31	0.31
P13	2	1	2.8	0.31	0.23	0.22	0.32	0.32
P14	1	0	3.2	0.19	0.19	0.35	0.15	0.35
P15	0	2	3.1	0.23	0.23	0.21	0.24	0.24
P16	2	0	3.4	0.32	0.29	0.31	0.32	0.32
P17	1	0	3	0.21	0.21	0.25	0.22	0.25
P18	0	0	3.5	0.35	0.39	0.28	0.32	0.39
P19	1	0	3.1	0.4	0.36	0.31	0.27	0.4
P20	2	0	3.4	0.39	0.22	0.21	0.22	0.39
P21	0	1	3.7	0.28	0.31	0.23	0.34	0.34
P22	1	0	4.1	0.34	0.28	0.29	0.28	0.34
P23	0	0	4.3	0.3	0.33	0.28	0.31	0.33
P24	0	1	3.9	0.36	0.29	0.31	0.23	0.36
P25	0	1	3.2	0.25	0.23	0.26	0.28	0.28
P26	3	0	3.8	0.32	0.34	0.28	0.34	3.4
P27	0	0	3.6	0.35	0.33	0.22	0.32	0.35
P28	4	0	4.2	0.31	0.35	0.5	0.34	0.5
P29	3	0	4.1	0.36	0.33	0.31	0.4	0.4
P30	1	0	3.2	0.28	0.27	0.21	0.3	0.3
P31	0	1	3.7	0.4	0.41	0.29	0.37	0.41
P32	2	0	3.9	0.41	0.39	0.38	0.38	0.41

P33	1	0	4.2	0.39	0.37	0.37	0.26	0.39
P34	1	0	3.8	0.34	0.26	0.38	0.28	0.38
P34	3	0	3.5	0.36	0.28	0.38	0.26	0.38
P35	0	1	3.3	0.34	0.34	0.36	0.34	0.37
P36	1	0	3.6	0.29	0.26	0.33	0.34	0.39
P37	2	0	4.2	0.31	0.36	0.31	0.37	0.37
P38	1	0	4.2	0.27	0.37	0.34	0.38	0.38
P39	1	0	3.9	0.31	0.39	0.35	0.29	3.9
P40	0	1	3.2	0.31	0.5	0.29	0.25	0.5
P41	2	0	3.8	0.29	0.3	2.8	0.28	0.3
P42	0	0	4	0.31	0.27	0.29	0.33	0.33
P43	1	2	3.9	0.28	0.29	0.31	0.28	0.31
P44	2	1	3.4	0.37	0.35	0.29	0.31	0.37
P45	1	0	3.9	0.35	0.36	0.31	0.31	0.36
P46	2	1	3.7	0.18	0.17	0.18	0.14	0.18
P47	1	0	3.6	0.19	0.23	0.24	0.22	0.24
P48	2	0	3.2	0.18	0.19	0.27	0.17	0.27
P49	3	0	2.9	0.2	0.22	0.21	0.23	0.23
P50	1	0	2.9	0.35	0.24	0.24	0.23	0.24
P51	4	0	2.8	0.22	0.23	0.23	0.24	0.24
P52	2	0	3.1	0.23	0.22	0.34	0.29	0.34
P53	2	0	3.9	0.24	0.24	0.32	0.26	0.32
P54	4	1	3.8	0	0	0	0	0
P56	2	1	2.6	0	0	0	0	0
P57	0	0	3.2	0	0	0	0	0
P58	3	1	4.1	0	0	0	0	0
P59	3	0	3.9	0	0	0	0	0
P60	1	0	3.8	0	0	0	0	0
P61	1	0	3.8	0	0	0	0	0

P62	2	0	3.6	0	0	0	0	0
P63	0	1	3.4	0	0	0	0	0
P64	2	0	3.9	0	0	0	0	0
P64	1	0	3.8	0	0	0	0	0
P65	3	0	4.1	0	0	0	0	0
P66	1	0	4	0	0	0	0	0
P67	2	1	3.9	0	0	0	0	0
P68	1	1	4.2	0	0	0	0	0
P69	0	0	3.6	0.34	0.26	0.35	0.28	0.35
P70	1	0	4.3	0.31	0.28	0.27	0.33	0.33
P71	1	0	3.8	0.22	0.23	0.23	0.25	0.25
P72	0	1	3.9	0.36	0.28	0.32	0.34	0.34
P73	0	1	3.4	0.23	0.21	0.25	0.23	0.25
P74	5	0	3.7	0.34	0.37	0.29	0.31	0.37
P75	0	0	3.7	0.41	0.37	0.34	0.28	0.41
P76	1	0	3.8	0.33	0.26	0.26	0.31	0.39
P77	3	1	4.3	0.39	0.43	0.24	0.32	0.43
P78	2	0	4.2	0.33	0.31	0.29	0.29	0.33
P79	3	1	4.4	0.32	0.34	0.34	0.37	0.37
P80	2	0	4.2	0.34	0.29	0.28	0.29	0.34
P81	1	1	3.8	0.25	0.23	0.31	0.28	0.31
P82	1	0	3.9	0.33	0.35	0.34	0.27	0.35
P83	2	0	4.1	0.36	0.29	0.27	0.27	0.36
P84	3	0	4	0.26	0.31	0.42	0.39	0.42
P86	0	2	4.1	0.29	0.36	0.34	0.29	0.36
P87	1	0	3.9	0.26	0.34	0.28	0.28	0.34
P88	1	2	3.5	0.27	0.36	0.33	0.33	0.36
P89	3	1	4	0.27	0.38	0.26	0.31	0.38
P90	2	0	4.1	0.18	0.31	0.21	0.25	0.31

P91	1	0	3.4	0.22	0.23	0.25	0.21	0.25
P92	4	0	3.6	0.25	0.34	0.28	0.27	0.34
P93	2	0	3.8	0.27	0.29	0.33	0.32	0.33
P94	2	1	4	0.35	0.19	0.25	0.29	0.35
P95	3	1	3.4	0.31	0.36	0.35	0.27	0.35
P96	2	0	3.2	0.32	0.27	0.3	0.26	0.32
P97	2	0	3.8	0.26	0.31	0.23	0.25	0.31
P98	0	1	4.4	0.28	0.37	0.32	0.34	0.37
P100	3	0	3.9	0.23	0.29	0.25	0.23	0.29
P101	2	1	4.3	0.34	0.4	0.29	0.31	0.4
P102	0	2	3.8	0.5	0.37	0.34	0.28	0.5
P103	0	0	3.8	0.33	0.33	0.4	0.31	0.4
P104	4	1	4.2	0.39	0.43	0.26	0.33	0.43
P105	1	0	3.5	0.23	0.34	0.23	0.39	0.39
P106	2	0	3.5	0.29	0.44	0.28	0.23	0.44
P107	0	0	3.4	0.33	0.29	0.29	0.21	0.33
P108	1	2	3.2	0.25	0.32	0.36	0.27	0.36
P109	3	0	3.4	0.27	0.25	0.36	0.24	0.38
P110	2	0	3.4	0.3	0.36	0.27	0.26	0.36
P111	1	0	3.3	0.5	0.44	0.39	0.29	0.5
P112	3	1	3.5	0.4	0.35	0.36	0.38	0.4
P113	6	1	3.1	0.34	0.27	0.32	0.51	0.51
P114	3	0	3.3	0.43	0.3	0.31	0.32	0.43
P115	2	0	3.8	0.29	0.34	0.43	0.38	0.43
P116	3	1	4	0.28	0.34	0.4	0.31	0.4
P117	0	0	4.2	0.35	0.29	0.5	0.43	0.5
P118	4	0	3.6	0.33	0.46	0.28	0.5	0.5
P119	0	0	3.3	0.31	0.29	0.34	0.28	0.34
P120	1	0	3.2	0.19	0.27	0.42	0.34	0.42

P121	0	0	3.2	0.21	0.25	0.37	0.26	0.37
P122	1	1	3.8	0.34	0.43	0.28	0.33	0.43
P123	0	2	3.4	0.3	0.31	0.46	0.29	0.46
P124	3	0	3.2	0.3	0.26	0.36	0.26	0.36
P125	1	0	0.4	0.32	0.27	0.19	0.21	0.32
P126	2	0	3.5	0.22	0.18	0.29	0.25	0.25
P127	1	0	4.3	0.3	0.27	0.31	0.26	0.31
P128	3	0	0.4	0.42	0.28	0.31	0.35	0.42
P129	1	0	3.1	0.4	0.36	0.39	0.28	0.39
P130	0	1	3.8	0.3	0.29	0.31	0.28	0.31
P132	1	2	4.2	0.26	0.3	0.32	0.25	0.26
P133	0	0	4	0.33	0.44	0.29	0.31	0.44
P134	3	0	0.4	0.34	0.29	0.25	0.26	0.34
P135	2	0	0.4	0.3	0.32	0.5	0.34	0.5
P136	2	0	4.4	0.4	0.33	0.29	0.31	0.35
P137	3	1	4.2	0.34	0.4	0.42	0.39	0.42
P138	0	2	3.4	0.3	0.19	0.29	0.32	0.32
P139	1	0	3.4	0.33	0.35	0.32	0.28	0.35
P140	0	1	3.4	0.4	0.43	0.4	0.42	0.43
P141	2	1	3	0.42	0.29	0.24	0.29	0.42
P142	4	0	3	0.5	0.43	0.4	0.28	0.5
P143	2	1	4	0.23	0.2	0.4	0.52	0.52
P144	1	0	3	0.54	0.33	0.34	0.34	0.54
P145	2	0	3.4	0.3	0.28	0.43	0.31	0.4
P146	0	0	3.3	0.22	0.19	0.42	0.22	0.42
P147	1	0	4	0.41	0.33	0.21	0.22	0.41
P148	0	0	3.3	0.3	0.31	0.23	0.4	0.4
P149	2	0	3.4	0.33	0.41	0.28	0.28	0.41
P150	0	0	3.1	0.33	0.33	0.28	0.32	0.33

P151	5	0	4	0.4	0.4	0.31	0.23	0.4
P152	0	1	3.4	0.24	0.24	0.3	0.31	0.31
P153	1	0	4.2	0.33	0.34	0.28	0.34	0.34
P154	4	1	4	0.4	0.33	0.22	0.32	0.4
P155	3	1	4.3	0.33	0.34	0.53	0.34	0.53
P156	4	0	3.3	0.4	0.33	0.34	0.42	0.43
P157	4	0	3.3	0.3	0.32	0.21	0.33	0.3
P158	4	1	3.4	0.4	0.41	0.29	0.37	0.41
P159	3	0	4	0.31	0.42	0.3	0.34	0.42
P160	3	0	3.4	0.4	0.4	0.33	0.26	0.4
P161	4	1	3.5	0.34	0.4	0.38	0.28	0.4
P162	2	1	3.4	0	0	0	0	0

Continuation page for Appendix IV

Trail Name: Wild Sarka Yellow Trail

Trail Problem Assessment: Potential trail Impact Indicators

SP	IT	ST	TW	MIC				HI (MIC
P1	1	0	3.2	0.3	0.34	0.32	0.4	0.4
P2	2	0	3	0.3	0.22	0.23	0.31	0.31
P3	3	0	2.5	0.34	0.41	0.44	0.3	0.44
P4	3	0	3	0.53	0.41	0.39	0.4	0.53
P5	2	0	3.2	0.4	0.36	0.41	0.34	0.41
P6	2	0	3.3	0.33	0.34	0.34	0.3	0.34
P7	3	0	3	0.31	0.32	0.41	0.4	0.41
P8	4	0	3	0.42	0.34	0.31	0.4	0.42
P9	3	0	3.4	0.43	0.44	0.42	0.34	0.44
P10	3	0	2.5	0.34	0.42	0.33	0.41	0.42
P11	2	0	3	0	0	0	0	0
P12	1	0	3	0	0	0	0	0
P13	3	0	3	0	0	0	0	0
P14	2	0	3	0	0	0	0	0
P15	1	0	3.4	0	0	0	0	0
P16	2	0	3	0	0	0	0	0
P17	0	0	3.1	0	0	0	0	0
P18	1	0	3.3	0	0	0	0	0
P19	2	0	3.4	0	0	0	0	0
P20	1	0	3.4	0	0	0	0	0
P21	0	0	3.1	0	0	0	0	0
P22	2	0	3.4	0	0	0	0	0
P23	0	1	3.2	0	0	0	0	0
P24	1	0	3.2	0	0	0	0	0

P25	0	0	3	0	0	0	0	0
P26	1	0	3.4	0	0	0	0	0
P27	2	0	3.3	0	0	0	0	0
P28	0	0	3	0	0	0	0	0
P29	1	0	4	0	0	0	0	0
P30	2	0	3.3	0	0	0	0	0
P31	2	0	3	0	0	0	0	0
P32	1	0	3	0	0	0	0	0
P33	3	0	3	0	0	0	0	0
P34	1	0	3.2	0	0	0	0	0
P35	0	0	3	0	0	0	0	0
P36	0	0	3	0	0	0	0	0
P37	2	1	3.3	0	0	0	0	0
P38	0	0	3.2	0	0	0	0	0
P40	3	0	3	0	0	0	0	0
P41	1	1	3.1	0	0	0	0	0
P42	2	0	3.4	0	0	0	0	0
P43	2	0	3.4	0	0	0	0	0
P44	1	0	3.3	0	0	0	0	0
P45	3	0	3.2	0	0	0	0	0
P46	2	0	3.3	0	0	0	0	0
P47	0	0	3.3	0	0	0	0	0
P48	1	0	3.03	0	0	0	0	0
P49	0	0	3.4	0	0	0	0	0
P50	2	0	3.4	0	0	0	0	0
P51	4	0	3	0	0	0	0	0
P52	2	0	3	0	0	0	0	0
P53	0	0	3.2	0	0	0	0	0
P54	2	0	3.3	0	0	0	0	0

P55	4	0	3.1	0	0	0	0	0
P56	3	0	3	0	0	0	0	0
P57	3	0	3.5	0	0	0	0	0
P58	0	0	3.5	0	0	0	0	0
P59	2	0	3.4	0	0	0	0	0
P60	3	0	3.1	0	0	0	0	0
P61	3	0	3.4	0	0	0	0	0
P62	5	0	3	0	0	0	0	0
P63	4	1	3	0	0	0	0	0
P64	2	0	3.5	0	0	0	0	0
P65	0	0	3	0	0	0	0	0
P66	1	0	3.3	0	0	0	0	0
P67	2	0	3	0	0	0	0	0
P68	3	0	3.5	0	0	0	0	0
P69	1	0	3.1	0	0	0	0	0
P70	0	0	3.3	0	0	0	0	0
P71	2	0	3.4	0	0	0	0	0
P72	3	0	3.2	0	0	0	0	0
P73	4	0	3	0	0	0	0	0
P74	2	0	3.4	0	0	0	0	0
P75	3	0	3.5	0	0	0	0	0
P76	1	0	3.3	0	0	0	0	0

Appendix V: Trail treads Problem Monitoring data Sheet for the Three Study Areas.

Field Assessment Data for Bohnické Trails substrate means as a proportion of transect width used to characterize the typical trail system substrates

SP	S	L	V	R	M	G	RT	W	WD	**MM	*O
2	15	0	0	85	0	0	0	0	0	0	0

2	10	10	0	80	0	0	0	0	0	0	0
2	20	20	0	60	0	0	0	0	0	0	0
2	20	25	0	55	0	0	0	0	0	0	0
2	15	15	0	80	0	0	0	0	0	0	0
2	15	25	0	60	0	0	0	0	0	0	0
2	30	20	0	50	0	0	0	0	0	0	0
2	25	35	0	40	0	0	0	0	0	0	0
2	15	25	0	60	0	0	0	0	0	0	0
2	20	30	0	50	0	0	0	0	0	0	0
2	20	25	0	55	0	0	0	0	0	0	0
2	15	20	0	65	0	0	0	0	0	0	0
2	25	30	0	45	0	0	0	0	0	0	0
2	15	25	0	60	0	0	0	0	0	0	0
2	15	35	0	50	0	0	0	0	0	0	0
2	10	45	10	20	0	0	0	0	0	0	15
2	20	40	0	30	0	0	0	0	0	0	10
2	15	20	5	50	0	0	0	0	0	0	10
2	15	35	10	40	0	0	0	0	0	0	5
2	10	45	0	30	0	0	15	0	0	0	0
2	20	30	10	35	0	0	5	0	0	0	0
2	15	40	5	30	0	0	0	0	0	0	10
2	20	30	10	40	0	5	0	0	0	0	0
2	15	45	25	35	0	5	10	0	0	0	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0

2 = every two sample points for 100m on each trail segment following tread condition characteristics were observed and recorded from 5 to 100%

SP= Sample Point

M= Muddy soil

MM= Man made Materials

S= Soil

G=Human placed gravel

* = Other material eg. Horse manure is specified eg.(paved trails or constructed boardwalks)

L=Lither

RT= Exposed roots

R= Exposed rock

W = Water (standing water)

V= Vegetation

W= Wood

0= Absence of tread conditions

Field Assessment Data for Ďáblický forest trails substrate means as a proportion of transect width used to characterize the typical trail system substrates

SP	S	L	V	R	M	G	RT	W	WD	**MM	*O
2	0	0	20	0	0	80	0	0	0	0	0
2	10	20	0	0	0	20	0	0	0	50	0
2	0	40	10	10	0	40	0	0	0	0	0
2	0	20	0	0	0	0	0	0	0	80	0
2	10	20	0	0	0	10	0	0	0	60	0
2	0	10	0	0	0	0	0	0	0	90	0
2	20	0	5	0	0	80	0	0	0	0	0
2	10	10	0	30	0	50	0	0	0	0	0
2	0	15	0	30	5	50	0	0	0	0	0
2	0	20	5	20	0	55	0	0	0	0	0
2	0	20	0	10	0	70	0	0	0	0	0

2	0	35	0	15	0	50	0	0	0	0	0
2	0	10	15	0	0	75	0	0	0	0	0
2	0	0	10	0	0	90	0	0	0	0	0
2	0	10	0	0		90	0	0	0	0	0

Field Assessment Data for Wild Sarka trails substrate means as a proportion of transect width used to characterize the typical trail system substrates

SP	S	L	V	R	M	G	RT	W	WD	** MM	* O
2	15	70	10	0	0	5	0	0	0	0	0
2	0	10	15	75	0	0	0	0	0	0	0
2	15	25	10	40	0	5	0	0	0	0	0
2	15	0	45	30	0	10	0	0	0	0	0
2	20	0	80	0	0	0	0	0	0	0	0
2	10	0	80	0	5	0	0	0	0	0	0
2	0	20	5	75	0	0	0	0	0	0	0
2	0	10	40	50	0	0	0	0	0	0	0
2	0	15	15	70	0	0	0	0	0	0	0
2	0	20	70	10	0	0	0	0	0	0	0
2	5	5	80	15	0	0	0	0	0	0	0
2	0	10	15	70	0	0	0	0	5	0	0
2	0	10	5	80	0	0	0	0	5	0	0
2	0	5	0	80	0	0	0	0	15	0	0
2	0	70	5	10	0	0	0	0	15	0	0
2	0	80	5	0	0	0	0	0	0	15	0
2	0	80	10	0	0	0	0	15	0	0	0

2	0	90	10	0	0	0	0	0	0	0	0
2	0	40	10	50	0	0	0	0	0	0	0
2	0	100	0	0	0	0	0	0	0	0	0
2	0	80	10	5		0	0	0	5	0	0
2	0	60	25	15	0	0	0	0	0	0	0
2	0	60	15	25	0	0	0	0	0	0	0
2	10	0	0	0	90	0	0	0	0	0	0
2	20	0	0	0	80	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	40	0	0	0	60	0	0	0	0	0	0
2	0	0	0	0	100	0	0	0	0	0	0
2	15	40	0	0	0	0	0	0	0	55	0
2	5	70	15	0	0	0	0	0	0	0	0
2	0	80	0	0	20	0	0	0	0	0	0
2	0	60	20	0	0	0	0	0	20	15	0
2	20	10	0	0	70	0	0	0	0	0	0
2	20	45	30	0	5	0	0	0	0	0	0
2	10	10	0	0	20	0	0	0	0	60	0
2	0	30	0	0	0	0	0	0	0	70	0
2	0	20	40	35	0	0	0	5	0	0	0

2	10	0	0	0	0	90	0	0	0	0	0
2	0	0	0	0	0	70	0	0	0	30	0
2	0	20	40	30	0	10	0	0	0	0	0
2	0	15	10	25	0	0	0	0	0	0	0
2	0	20	15	15	0	25	10	0	0	0	0
2	10	20	0	30	0	15	25	0	0	0	0
2	5	25	35	15	0	0	15	0	5	0	0
2	0	25	30	25	0	10	5	0	0	40	0
2	0	15	25	10	0	0	0	0	0	0	0
2	25	15	20	15	0	10	15	0	5	0	0
2	0	15	35	25	0	10	15	0	5	30	0
2	0	30	25	5	0	15	0	0	0	0	0
2	0	60	15	10	0	15	0	0	0	0	0
2	0	40	30	15	0	5	0	0	0	0	0
2	0	15	25	60	0	0	0	0	0	0	0
2	0	55	40	5	0	0	0	0	0	0	0
2	0	25	65	10	0	0	0	0	0	0	0
2	5	65	25	5	0	0	0	0	0	0	0
2	0	20	15	65	0	0	0	0	0	0	0
2	10	30	20	35	0	0	0	0	0	0	0
2	0	80	15	5	0	0	0	0	0	0	0
2	5	25	55	15	0	0	0	0	0	0	0
2	5	20	50	15	0	10	0	0	0	0	0
2	0	10	20	65	0	5	0	0	0	0	0
2	0	15	25	55	0	0	0	0	5	0	0
2	0	15	10	70	0	5	0	0	0	0	0
2	10	15	35	40	0	0	0	0	0	0	0

2	5	20	10	65	0	0	0	0	0	0	0
2	0	60	20	10	0	0	0	0	10	0	0
2	0	50	30	15	0	5	0	0	0	0	0
2	0	50	30	5	0	0	0	0	5	0	0
2	0	45	50	5	0	0	0	0	5	0	0
2	0	40	60	0	0	0	0	0	15	0	0
2	20	25	35	0	0	20	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	100	0
2	30	0	15	50	0	5	0	0	0	0	0
2	34.5	0	11.5	54	0	0	0	0	0	0	0
2	55.5	0	10	30.5	0	0	0	0	0	0	0
2	54	0	6	35	0	0	0	0	0	0	0
2	50	0	14	36	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0

2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0
2	0	0	0	0	0	0	0	0	0	100	0