

581.95 (571.53)
DOI: 10.26456 188

*

^, J. Pergl, . . . **,

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1126 (12%)

13

100 ^

51 : 36 , 169 266 61 (175)

. 30

: *Acer negundo*, *Amaranthus retroflexus*, *Artemisia sieversiana*, *A. vulgaris*, *Bromopsis inermis*, *Convolvulus arvensis*, *Elytrigia repens*, *Equisetum arvense*, *Euphrasia stricta*, *Kochia scoparia*, *Medicago falcata*, *M. lupulina*, *Odontites vulgaris*, *Polygonum aviculare*, *Poa pratensis*, *Raphanus raphanistrum*, *Sonchus arvensis*, *Vicia cracca*. Bo

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(19-54-26010)

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50%) (Ks >

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« » , (17) (4

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., 2020).

(

(Christen, Matlack, 2006; 2017).

50%
9288
: 1)
; ;
(, 1993; Mureia, 1995; Cadenasso, Piekett, 2001; , 2016; , 2020; Tokhtar et al., 2020); 2)
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; (, 2020).

19% ,
81%.
« » , 1126 (12%
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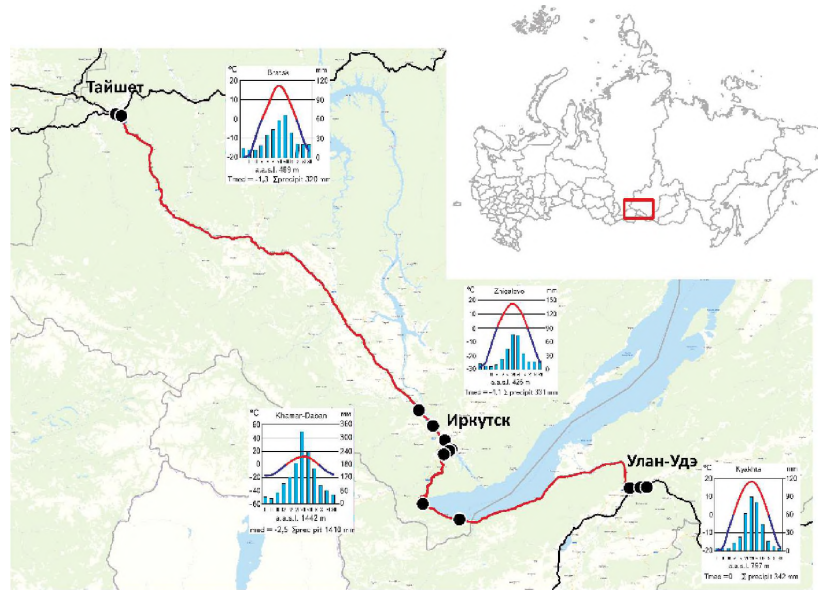
10
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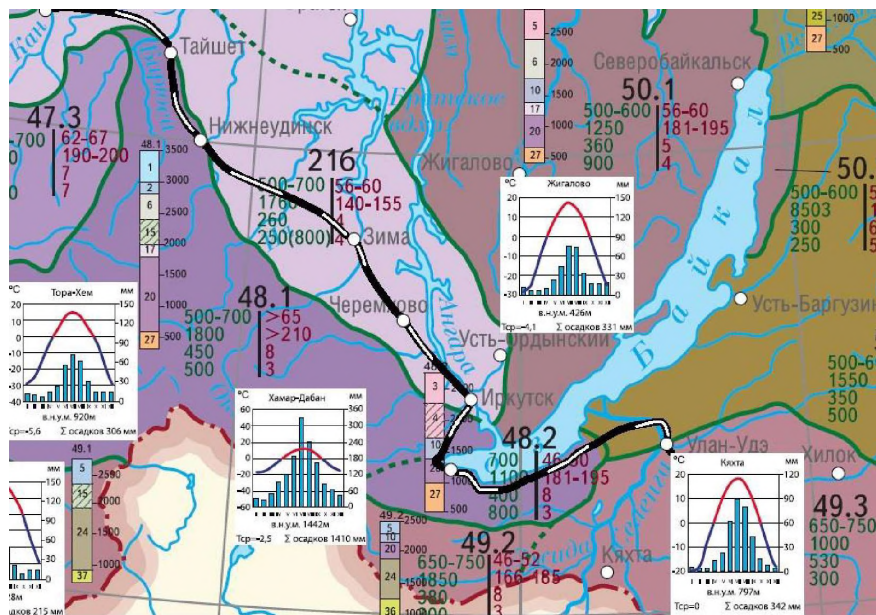
1

			55.941 . . 98.003 . .
()			55.923 . . 98.105 . .
	()		52.729 . . 103.651 . .
			52.551 . . 103.915 . .
			52.388 . . 104.136 . .
			52.283 . . 104.260 . .
			52.269 . . 104.219 . .
			52.228 . . 104.116 . .
		-1	51.659 . . 103.724 . .
()			51.478 . . 104.407 . .
		-	51.840 . . 107.582 . .
()			51.848 . . 107.783 . .
			51.850 . . 107.899 . .

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 (2018, .2).



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Условные обозначения

- ^
- 216 -
- 48.1 -
- 49.3 -

. 2.

(2018)

PAST

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(, 2020)

51

266

(36 , 169

61),

11

2

(175) ^ (115) ^ (108).

- *Aulacomnium palustre*,

Bryum argenteum, *pseudotriquetrum*, *Ceratodon purpureus*, *Funaria hygrometrica*, *Grimmia elatior*, *Mnium stellare*, *Plagiomnium cuspidatum*, *Pleurozium schreberi*, *Rhytidiadelphus triquetrus*, *Sanionia uncinata*.

: *Marschantia*

polymorpha , *Mannia sibirica* -

2

	G	9 h4 (U.S. ;			9 4 (U.S. ;			2 9 4 (U.S. 4
<i>Acer negundo</i> L.***		+	+	+	+	+		+
<i>Betula fusca</i> Pall, ex Georgi						+		
<i>Betula pendula</i> Roth*		+	+		+	+		
<i>Betula pubescens</i> Ehrh. *								+
<i>Caragana arborescens</i> Lam.					+			
<i>Caragana pygmaea</i> (L.) DC.							+	+
<i>Duschekia fruticosa</i> (Rupr.) Pouzar						+		
<i>Hippophae rhamnoides</i> L.***			+		+	+		
<i>Malus baccata</i> (L.) Borkh.					+	+		

<i>Padus avium</i> Mill.***		+	+		+	+			
<i>Picea obovata</i> Ledeb.			+						
<i>Pinus sylvestris</i> L. *		+	+	+	+	+			
<i>Populus suaveolens</i> Fisch.		+	+	+	+	+			+
<i>Populus tremula</i> L. *			+			+			
<i>Rosa acicularis</i> Lindl.		+	+		+				
<i>Ribes nigrum</i> L. *		+	+						
<i>Rubus matsumuranus</i> Fl. Lev. & Vaniot					+	+			
<i>Salix abscondita</i> Laksch.					+	+			
<i>Salix brachypoda</i> (Trautv. & C.A. Mey.) Kom.						+			
<i>Salix caprea</i> L. *			+			+			
<i>Salix dasyclados</i> Wimm.						+			
<i>Salix divaricata</i> Pall.					+				+
<i>Salix jensseensis</i> (F. Schmidt.) Flod.						+			
<i>Salix kochiana</i> Trautv.			+		+				
<i>Salix pseudopentandra</i> (Flod.) Flod			+		+	+			
<i>Salix rhamnifolia</i> Pall.		+	+			+			
<i>Salix rorida</i> Laksch.			+	+	+				+
<i>Salix rosmarinifolia</i> L.						+			
<i>Salix schwerinii</i> E.L. Wolf						+			
<i>Salix triandra</i> L.			+			+			
<i>Salix udensis</i> Trautv. & C.A. Mey.			+			+			
<i>Salix viminalis</i> L.		+	+			+			
<i>Spiraea aquilepifolia</i> Pall.								+	
<i>Spiraea flexuosa</i> Fisch. ex Cambess.					+				
<i>Spiraea media</i> Schmidt					+				
<i>Ulmus pumila</i> L.								+	+
:	0	9	18	4	17	23	0	3	7
<i>Achillea asiatica</i> Serg.		+	+	+	+	+			
<i>Achillea millefolium</i> L.***		+	+	+	+	+			
<i>Achnatherum sibiricum</i> (L.) Keng ex Tzvelev								+	+
<i>Achnatherum splendens</i> (Trin.) Nevski									+
<i>Aconoponon divaricatum</i> (L.)		+				+			

Nakai ex Mori									
<i>A^rimonia pilosa</i> Ledeb. *			+			+			
<i>Agropyron cristatum</i> (L.) Gaertn.								+	+
<i>Agrostis clavata</i> Trin.		+			+	+		+	+
<i>Agrostis trinii</i> Turcz.			+	+	+				
<i>Aizopsis aizoon</i> (L.) Grulich					+	+			
<i>Alchemilla anisopoda</i> Juz.					+	+			
<i>Allium bidentatum</i> Fisch. ex Prokh.									+
<i>Allium ramosum</i> L.								+	+
<i>Allium senescens</i> L.									+
<i>Allium tenuissimum</i> L.								+	
<i>Alopecurus pratensis</i> L.			+			+			
<i>Alyssum lenense</i> Adams								+	
<i>Alyssum obovatum</i> (C.A. Mey.) Turez.								+	
<i>Anemone baicalensis</i> Turez. ex Ledeb.					+				
<i>Anemone dichotoma</i> L.					+				
<i>Aquilegia sibirica</i> Lam.					+	+			
<i>Arctopoa subfastigiata</i> (Trin.) Prob.									+
<i>Artemisia absinthium</i> L. *	+	+	+						
<i>Artemisia ambigua</i> Jord.									+
<i>Artemisia commutata</i> Besser								+	+
<i>Artemisia dracunculus</i> L.		+	+		+			+	+
<i>Artemisia dolosa</i> Kraseh.								+	
<i>Artemisia frigida</i> Willd.								+	+
<i>Artemisia gmelinii</i> Weber ex Steehm.					+				
<i>Artemisia laciniata</i> Willd.									+
<i>Artemisia mongolica</i> (Besser) Fisch. ex Nakai								+	+
<i>Artemisia monostachya</i> Bunge ex Maxim.								+	+
<i>Artemisia sieversiana</i> Willd.***		+	+	+	+	+		+	+
<i>Artemisia vulgaris</i> L.***		+	+	+	+	+		+	+
<i>Athyrium rubripes</i> (Kom.) Kom.					+				
<i>Barbarea vulgaris</i> R. Br.								+	
<i>Bistorta alopecuroides</i> (Turez.						+			

Meissn.)									
<i>Bromopsis inermis</i> (Leys.) Holub *		+	+	+	+	+		+	+
<i>Calamagrostis arundinacea</i> (L.) Roth		+			+	+			
<i>Calamagrostis epigeios</i> (L.) Roth *			+		+	+			
<i>Calamagrostis langsdorffii</i> (Link) Trin.					+				
<i>Calamagrostis obtusata</i> Trin.					+				
<i>Carex duriuscula</i> C.A. Mey.				+				+	+
<i>Carex enervis</i> C.A. Mey.						+			
<i>Carex rostrata</i> Stokes						+			
<i>Centaurea scabiosa</i> L. *			+	+	+	+			
<i>Chamaenerion angustifolium</i> (L.) Scop. *		+	+		+	+			
<i>Cichorium intybus</i> L. *						+			
<i>Cirsium heterophyllum</i> (L.) Hill						+			
<i>Cirsium setosum</i> (Willd.) Besser**		+	+	+	+	+			
<i>Convolvulus arvensis</i> L.***	+	+	+	+	+	+		+	
<i>Convolvulus bicuspidatus</i> Fisch. ex Link								+	
<i>Cardaria draba</i> (L.) Desv.								+	+
<i>Crepis sibirica</i> L.			+		+				
<i>Dactylis glomerata</i> L.***			+		+	+			
<i>Dactylorhiza fuchsii</i> (Draee) So6						+			
<i>Deschampsia cespitosa</i> (L.) P. Beauv.			+		+	+			
<i>Dracocephalum nutans</i> L.	+	+		+	+				
<i>Dryopteris assimilis</i> S. Walker					+				
<i>Elymus mutabilis</i> (Drobow) Tzvelev			+		+	+			
<i>Elymus sibiricus</i> L.	+	+	+	+	+	+		+	
<i>Elytrigia repens</i> (L.) Nevski *		+	+	+	+	+			+
<i>Epilobium latifolium</i> L. *						+			
<i>Equisetum arvense</i> L. *		+	+	+	+				+
<i>Equisetum hyemale</i> L.					+				
<i>Festuca ovina</i> L.					+				
<i>Festuca pratensis</i> Huds. ***		+							
<i>Festuca rubra</i> L. *				+	+				

<i>Fragaria vesca</i> L. *			+		+				
<i>Gagea pauciflora</i> Turcz. ex Ledeb.								+	
<i>Geranium pratense</i> L. *			+		+	+			
<i>Geranium sibiricum</i> L. *	+	+	+	+	+	+			
<i>Geranium vlassovianum</i> Fisch. ex Link					+				
<i>Geum aleppicum</i> Jacq.					+				
<i>Gypsophila altissima</i> L.			+						
<i>Helianthus tuberosus</i> L.***					+				
<i>Hemerocallis minor</i> Mill.			+						
<i>Heteropappus altaicus</i> (Willd.) Novopokr.								+	+
<i>Hieracium umbellatum</i> L. *		+			+				
<i>Hordeum jubatum</i> L. * * *	+			+	+				
<i>Hordeum vulgare</i> L.								+	
<i>Hylotelephium triphyllum</i> (Haw.) Holub			+			+			
<i>Hypericum perforatum</i> L. ***						+			
<i>Iris ruthenica</i> Ker Gawl.			+		+				
<i>Lamium album</i> L.						+			
<i>Lathyrus gmelinii</i> Fritsch						+			
<i>Lathyrus humilis</i> (Ser.) Spreng.						+			
<i>Lathyrus pratensis</i> L. *		+	+		+	+			
<i>Lathyrus tuberosus</i> L.					+				
<i>Leontodon autumnalis</i> L. *						+			
<i>Leonurus villosus</i> Desf. ex D'Urv. *		+	+						
<i>Leucanthemum vulgare</i> Lam. *			+						
<i>Leymus chinensis</i> (Trin.) Tzvelev								+	+
<i>Leymus secalinus</i> (Georgi) Tzvelev							+	+	+
<i>Lilium pilosiusculum</i> (Freyn) Mizez.			+						
<i>Linaria acutiloba</i> Fisch. ex Rchb.	+	+	+	+	+				
<i>Linaria buriatica</i> Turcz. ex Ledeb.								+	
<i>Linaria vulgaris</i> Mill. *		+	+	+	+	+			
<i>Linum perenne</i> L. *							+		
<i>Luzula parviflora</i> (Ehrh.) Desv.						+			
<i>Medicago falcata</i> L.***		+	+	+	+	+		+	+

<i>Milium effusum</i> L.					+				
<i>Papaver nudicaule</i> L.								+	
<i>Phegopteris connectilis</i> (Michx.) Watt					+				
<i>Phleum phleoides</i> (L.) H. Karst.			+			+			
<i>Phlomis tuberosa</i> L.			+		+	+			
<i>Pimpinella saxifraga</i> L.**		+	+	+	+	+			
<i>Plantago lanceolata</i> L.					+				
<i>Plantago major</i> L.***				+					
<i>Plantago media</i> L.		+		+					
<i>Platanthera bifolia</i> (L.) Rich.						+			
<i>Poa angustifolia</i> L.					+				
<i>Poa nemoralis</i> L.				+					
<i>Poa palustris</i> L.			+			+			+
<i>Poa pratensis</i> L.*		+	+	+	+	+			+
<i>Poa supina</i> Schrad.**					+				+
<i>Potentilla acaulis</i> L.								+	
<i>Potentilla anserina</i> L.*		+		+	+				
<i>Potentilla argentea</i> L.*				+	+				
<i>Potentilla bifurca</i> L.		+					+	+	
<i>Potentilla longifolia</i> Willd. ex Schltdl.									+
<i>Potentilla semiglabra</i> Juz.								+	+
<i>Potentilla tanacetifolia</i> Willd. ex Schltdl.								+	
<i>Prunella vulgaris</i> L.						+			
<i>Puccinellia hauptiana</i> V.I. Krecz.	+	+	+	+	+	+			+
<i>Rumex acetosella</i> L.				+					
<i>Rumex crispus</i> L.*		+	+						
<i>Rubus saxatilis</i> L.					+	+			
<i>Sanguisorba officinalis</i> L.		+	+	+	+				+
<i>Scorzonera austriaca</i> Willd.								+	
<i>Scorzonera radiata</i> Fisch. ex Ledeb.		+				+			
<i>Scutellaria scordifolia</i> Fisch. ex Schrank								+	
<i>Serratula centauroides</i> L.									+
<i>Silene nutans</i> L.								+	
<i>Sonchus arvensis</i> L.		+	+	+	+	+		+	+

<i>Slum suave</i> Walter						+			
<i>Solanum kitagawae</i> Schonb.- Tem.									+
<i>Stellaria dahurica</i> Willd. ex Schltdl.								+	
<i>Stellaria dichotoma</i> L.								+	
<i>Stipa capillata</i> L.								+	+
<i>Sisymbrium altissimum</i> L.									+
<i>Tanacetum vulgare</i> L. *				+	+	+			
<i>Taraxacum ceratophorum</i> (Ledeb.) DC.	+	+	+	+	+			+	
<i>Taraxacum dissectum</i> (Ledeb.) Ledeb.					+				
<i>Taraxacum mongolicum</i> Hand.-Mazz.								+	
<i>Taraxacum officinale</i> F.H. Wi [^] , * ^ *		+	+	+	+				
<i>Taraxacum printzii</i> Dablst.				+	+				
<i>Thalictrum minus</i> L.								+	
<i>Thalictrum simplex</i> L.				+				+	+
<i>Thermopsis lanceolata</i> R. Br.								+	+
<i>Trifolium hybridum</i> L.***				+					
<i>Trifolium pratense</i> L.***				+		+			
<i>Trifolium repens</i> L.***					+				
<i>Trollius sp.</i>						+			
<i>Tussilago farfara</i> L. * * *		+			+				
<i>Typha latifolia</i> L.						+			
<i>Typha laxmannii</i> Lepech. *			+			+			
<i>Urtica cannabina</i> L.		+	+					+	
<i>Urtica dioica</i> L. *		+	+		+	+			
<i>Veratrum lobelianum</i> Bemb.						+			
<i>Veronica chamaedrys</i> L. *						+			
<i>Veronica longifolia</i> L.		+			+	+			
<i>Vicia amoena</i> Fisch.		+	+			+			+
<i>Vicia cracca</i> L. *		+	+		+	+			+
<i>Vicia unifuga</i> A. Braun			+			+			
<i>Vincetoxicum sibiricum</i> (L.) Decne.								+	
<i>Viola patrinii</i> Ging.						+			
<i>Viola selkirkii</i> Pursb ex Goldie						+			
<i>Youngia tenuifolia</i> (Willd.) Babe. & Stebbins								+	
:	9	43	53	38	73	68	4	48	42

<i>Amaranthus retroflexus</i> L. ***		+	+	+				+	
<i>Androsace lactiflora</i> Pall.			+						
<i>Androsace maxima</i> L.				+					
<i>Androsace septentrionalis</i> L.			+	+					
<i>Arctium tomentosum</i> Mill.***		+	+	+					
<i>Artemisia annua</i> L.**								+	
<i>Artemisia palustris</i> L.								+	+
<i>Artemisia scoparia</i> Waldst. & Kit.			+	+	+			+	+
<i>Berteroa incana</i> (L.) DC. ***			+						
<i>Camelina sativa</i> (L.) Crantz			+						
<i>Carum carvi</i> L.**			+		+				
<i>Chamaerhodos erecta</i> (L.) Bunge			+	+	+	+			
<i>Chelidonium majus</i> L.*		+	+		+				
<i>Chenopodium album</i> L. *		+			+				
<i>Chenopodium acuminatum</i> (Schur) Schur								+	+
<i>Chenopodium aristatum</i> L.								+	
<i>Chenopodium plaucum</i> L.				+				+	
<i>Chenopodium suecicum</i> Murr		+							
<i>Cosmos bipinnatus</i> Cav.**									+
<i>Crepis tectorum</i> L.**				+					
<i>Descurainia sophia</i> (L.) Webb ex Prantl**									+
<i>Dontostemon integrifolius</i> (L.) C.A. Mey.								+	
<i>Draba nemorosa</i> L.				+	+				
<i>Dracocephalum olchonense</i> Peschkova							+	+	
<i>Euphrasia stricta</i> D. Wolff ex J.F. Lehm. *			+			+			+
<i>Erigeron acris</i> L.	+	+	+	+	+				
<i>Erigeron canadensis</i> L. ***	+	+		+	+				
<i>Erodium cicutarium</i> (L.) L'Her.							+		
<i>Erysimum cheiranthoides</i> L.		+		+					
<i>Fagopyrum esculentum</i> Moench								+	
<i>Fallopia convolvulus</i> (L.) A. L5ve								+	
<i>Galium boreale</i> L. *									+
<i>Galium vaillantii</i> DC.**			+						

<i>Heracleum dissectum</i> Ledeb.					+				
<i>Hypocoum erectum</i> L.								+	
<i>Kitagawia baicalensis</i> (I. Redowsky ex Willd.) Pimenov								+	
<i>Kochia densiflora</i> (Moq.) Aellen								+	+
<i>Kochia scoparia</i> (L.) Schrad.		+		+					+
<i>Lactuca sibirica</i> (L.) Benth. ex Maxim.								+	+
<i>Lappula myosotis</i> Moench		+	+		+				
<i>Lappula squarrosa</i> (Retz.) Dumort. *				+	+				
<i>Lepidium densiflorum</i> Schrad.***								+	+
<i>Lepidium ruderae</i> L. *				+					
<i>Medicago lupulina</i> L.***		+		+				+	+
<i>Melandrium album</i> (Mill.) Garcke		+			+				
<i>Melilotus albus</i> Medikus***		+	+	+	+	+			
<i>Melilotus suaveolens</i> Ledeb.			+	+	+				+
<i>Neopallasia pectinata</i> (Pall.) Poljakov								+	+
<i>Odontites vulgaris</i> Moench ***			+			+			+
<i>Orostachys malacophylla</i> (Pall.) Fisch.								+	
<i>Pastinaca sativa</i> L.***		+	+	+	+	+			
<i>Polygonum aviculare</i> L. *		+	+	+				+	
<i>Raphanus raphanistrum</i> L.*	+			+	+			+	
<i>Rhinanthus angustifolius</i> C.C. Gmel.									+
<i>Salsola collina</i> Pall.								+	+
<i>Senecio viscosus</i> L.***			+						
<i>Senecio vulgaris</i> L.***				+					
<i>Setaria pumila</i> (Poir.) Roem. & Schult. *				+					
<i>Setaria viridis</i> (L.) P. Beauv. *		+						+	+
<i>Sonchus oleraceus</i> L.***		+							
<i>Tragopogon orientalis</i> L.		+		+	+				
	3	18	20	24	17	5	3	23	17

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: *Acer negundo*, *Amaranthus retroflexus*, *Artemisia sieversiana*, *A. vulgaris*, *Bromopsis inermis*, *Convolvulus arvensis*, *Elytrigia repens*, *Equisetum arvense*, *Euphrasia stricta*, *Kochia*

scoparia, Medicago falcata, lupulina. Odontites vulgaris. Polygonum aviculare, Poa pratensis, Raphanus raphanistrum, Sonchus arvensis, Vicia cracca.

Bo (- 12; - 66;
 - 7). (- 107; - 74), (. 2).
 (91) :
), , , (2 3
 .
 (. 3). (Ks
 > 50%)
 ; , , « »,
 .
 3
 ,

	Ks		
-			
/	28%	54%	57%
/	0	19%	25%
/	0	12%	20%

« » - (. 4).

R=0,993639

R=0,89979

100 ^

« »
« »

4

	-1,3	-2,5	0
	320	1409	342
	1760	1100	1000
100 ^	500-700	700	650-750
	115	175	108
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2018) 4 : *Acer negundo*, *Amaranthus retroflexus*,
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- *Acer negundo*, -
Hordeum jubatum, *Tussilago farfara*, *Acer negundo* *Pimpinella saxifraga*.
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2017. (2012) // Hortus Botanicus. . 12. . 77-105.
<https://cyberleninka.ru/article/n/istoricheskaya-flora-zheleznodorozhnoy-zhizni-moskovskogo-megapolisa-v-granitsah-do-2012-goda/viewer>
- 2020.
- 4 (60). . 61-82. //
- « » . 2018. .
 1:7500000. 2- , / . . ,
 (WWF). : <https://wwf.ru/what-we-do/bio/biomy-rossii/>.
2020. : , .576 .
 (-100). 2018 / .
 .688 . , . . : ; ,
 . 2016.
 // . . - . .
 .4. .50-59.
 . 1993. : .
 .17 .
 . 2020.
 170 // . 105 (9). . 854-860.
- Cadenasso M.L., Pickett S.T.A.* 2001. Effect of edge structure on the flux of species into forest interiors // *Conserv. Biol.* V. 15. Is. L P.91-97.
- Christen D., Matlack G.* 2006. The role of roadsides in plant invasions: a demographic approach // *Conserv. Biol.* Vol. 20. Iss. 2. P.385-391. Doi.org/10.1111/j.1523-1739.2006.00315.x.
- Murcia C.* 1995. Edge effects in fragmented forests: implications for conservation // *Trends Ecol. Evol.* V. 10. Is. 2. P 58-62.
- Tokhtar V.K., Vinogradova Yu.K., Zelenkova V.N., Kurskoy A.Yu.* 2020. Can invasive plant species «differentiate» colonized ecotopes? // *Eur. Jour. Bios.* V. 14. Is. 1.P. 2285-2292.

**TRANS-SIBERIAN RAILWAY'S FLORA AND ITS CORRELATION
WITH THE CHARACTERISTICS OF NATURAL BIOMES
IN BAIKAL SIBERIA**

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An inventory of alien and aboriginal plant species was carried out along the Trans-Siberian Railway in the Taishet-Ulan-Ude section, the length of which is 1126 km (12% of the Transsib). A correlation was revealed between the characteristics of biomes and the main floristic indicators. Thirteen railway stations and sections of the railway track located in three natural biomes were investigated. Each site has 100 m[^] plots in three different ecotopes: on the railway track, on the slopes, and at the foot of the railway embankment at the beginning of the right of way. A total of 51 geobotanical descriptions were compiled. 266 species of vascular plants were identified: 36 arboreal, 169 herbaceous polycarpics, and 61 herbaceous monocarpics. The highest number of species (175) grow in the most moisture-rich Taiga South Siberian East Sayan biome. 30 species are found in all three studied biomes, more than half of them were noted by us earlier and in the European section of the Trans-Siberian Railway: *Acer negundo*, *Amaranthus retroflexus*, *Artemisia sieversiana*, *A. vulgaris*, *Bromopsis inermis*, *Convolvulus arvensis*, *Elytrigia repens*, *Equisetrasum arvense*, *Euphrasia arvense*, *Kochia scoparia*, *Medicago falcata*, *M. lupulina*, *Odontites vulgaris*, *Polygonum aviculare*, *Poa pratensis*, *Raphanus raphanistrum*, *Sonchus arvensis*, *Vicia cracca*. In all biomes, the minimum number of species grows directly on the railroad tracks. At the same time, in both Taiga biomes (East Sayan and Sokhondinsky), most species were found on the slopes, and in the Boreal Angarsk subtaiga biome - in the alienation zone. A high similarity of the set of species ($K_s > 50\%$) is observed in the Boreal Angarsk subtaiga biome and the Taiga South Siberian East Sayan biome for the slopes of the railway, which reflects the presence of a "corridor" that allows species, including invasive ones, to settle along the railway. A significant positive correlation was noted between the abundance of "railroad" species and the average annual rainfall, and to a lesser extent, the average annual temperature of the biome. Only one third of the identified "railroad" species are found both in Baikal Siberia and in the European part of Russia, and almost half of them are alien taxa. The number of invasive species on the Transsib decreases significantly from the west (17 species) to the east (4 species). The flora of the Trans-Siberian Railway in Baikal Siberia is more isolated from the natural flora of the Region than in the European part of Russia, since a) there is no correlation between the number of "railroad"

species and the total number of vascular plant species registered in the biome; b) the similarity of the floras of three Siberian biomes was noted not only along the slopes of the roads, but also in the exclusion zone.

Keywords: *Baikal Siberia, natural biomes, flora, invasion, Trans-Siberian Railway, alien plant species.*

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... / ... , ... , J. Pergl, ... ,
... // 2021. 1(61). . 82-
101.