

Таблица 1 [Table 1]

**Постоянство и проективное покрытие континентальных видов сосудистых растений  
в сообществах северной и средней тайги Европейской России и Урала**  
[Constancy and cover of continental vascular plant species in northern- and middle-boreal subzone  
communities of European Russia and the Urals]

Виды [Species]	Типы сообществ [Community types]																		
	1.1	1.2	1.3	1.4	1.5	2.1	2.2	2.3	2.4	3	4.1	4.2	5	6	10.1	11.1	11.2	11.3	11.4
1. Южный берег губы Чупа, «типичная» северная тайга [Chupa Bay S shore, “typical” northern-boreal belt], 66°N, 33°E; GDD = 281; K = 34,4																			
<i>Calamagrostis langsdorffii</i>	—	—	—	—	—	—	—	—	—	—	5 <sup>+</sup>	5 <sup>+</sup>	42 <sup>1</sup>	—	—	—	—	—	—
<i>Veratrum lobelianum</i>	2 <sup>+</sup>	—	25 <sup>2</sup>	11 <sup>+</sup>	—	—	—	—	—	—	9 <sup>+</sup>	21 <sup>1</sup>	71 <sup>3</sup>	—	—	44 <sup>4</sup>	—	—	—
<i>Actaea erythrocarpa</i>	—	—	25 <sup>2</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Conioselinum tataricum</i>	—	—	13 <sup>+</sup>	—	—	—	—	—	—	—	5 <sup>+</sup>	—	14 <sup>+</sup>	—	—	—	—	—	—
<i>Lonicera pallasii</i> s.l.	—	—	—	—	—	—	—	—	—	—	5 <sup>+</sup>	—	—	—	—	—	—	—	—
<i>n</i> (Σ = 429)	57	16	8	18	76	56	56	0	75	0	22	19	7	3	0	9	0	5	2
2. Окрестности стационара «Сивая Маска», крайнесеверная тайга Полярного Предуралья [Sivaya Maska Permanent Study Area, northernmost-boreal forest belt of the Polar Cis-Urals] 67°N, 63°E; GDD = 245; K = 45,9																			
<i>Calamagrostis langsdorffii</i>	—	—	—	—	14 <sup>+</sup>	—	—	—	—	—	—	100 <sup>8</sup>	—	—	—	—	90 <sup>6</sup>	—	—
<i>Trisetum sibiricum</i>	—	—	—	—	—	—	—	—	—	—	—	56 <sup>1</sup>	—	—	—	—	20 <sup>+</sup>	—	—
<i>Veratrum lobelianum</i>	—	—	—	—	14 <sup>+</sup>	—	—	—	—	—	—	78 <sup>1</sup>	—	—	—	—	60 <sup>1</sup>	—	—
<i>Bistorta major</i>	11 <sup>+</sup>	—	—	1	43 <sup>1</sup>	—	—	—	—	—	—	67 <sup>1</sup>	—	—	—	—	90 <sup>1</sup>	—	—
<i>Delphinium elatum</i>	—	—	—	—	—	—	—	—	—	—	—	56 <sup>+</sup>	—	—	—	—	—	—	—
<i>Aconitum septentrionale</i>	—	—	—	—	—	—	—	—	—	—	—	89 <sup>2</sup>	—	—	—	—	40 <sup>+</sup>	—	—
<i>Ranunculus subborealis</i>	—	—	—	1	—	—	—	—	—	—	—	89 <sup>3</sup>	—	—	—	—	40 <sup>1</sup>	—	—
<i>Thalictrum kemense</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	20 <sup>+</sup>	—	—
<i>Rosa acicularis</i>	56 <sup>1</sup>	—	—	2	33 <sup>1</sup>	—	—	—	—	—	—	56 <sup>2</sup>	—	—	—	—	—	—	—
<i>Angelica decurrens</i>	—	—	—	—	—	—	—	—	—	—	—	33 <sup>+</sup>	—	—	—	—	—	—	—
<i>Valeriana wolgensis</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	40 <sup>+</sup>	—	—
<i>Senecio nemorensis</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	60 <sup>1</sup>	—	—
<i>n</i> (Σ = 50)	9	0	0	1	21	0	0	0	0	0	0	9	0	0	0	0	10	0	0
3. Зеленая зона г. Онега, «типичная» северная тайга [Green belt of the Onega Town, “typical” northern-boreal belt], 63–64°N, 38°E; GDD = 471; K = 37,3																			
<i>Larix sibirica</i> (a + b)	22 <sup>2</sup>	14 <sup>1</sup>	—	—	6 <sup>1</sup>	16 <sup>+</sup>	57 <sup>3</sup>	—	—	—	—	—	—	—	—	—	—	—	—
<i>Calamagrostis langsdorffii</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	13 <sup>2</sup>	—	—	—	—	—
<i>Veratrum lobelianum</i>	—	—	17 <sup>+</sup>	20 <sup>+</sup>	—	—	—	—	—	—	—	—	—	13 <sup>+</sup>	—	—	—	—	—
<i>Aconitum septentrionale</i>	—	14 <sup>+</sup>	50 <sup>1</sup>	20 <sup>+</sup>	—	—	—	—	—	—	—	—	3 <sup>5</sup>	13 <sup>+</sup>	—	—	—	—	—
<i>Atragene sibirica</i>	—	—	17 <sup>+</sup>	20 <sup>+</sup>	—	—	—	—	—	—	—	—	3 <sup>1</sup>	13 <sup>+</sup>	—	—	—	—	—
<i>Ribes spicatum</i> s.l.	—	—	—	—	—	—	—	—	—	—	—	—	1 <sup>+</sup>	13 <sup>+</sup>	—	—	—	—	—
<i>Rosa acicularis</i>	49 <sup>+</sup>	57 <sup>+</sup>	67 <sup>1</sup>	100 <sup>1</sup>	35 <sup>+</sup>	—	17 <sup>+</sup>	—	7 <sup>+</sup>	—	—	—	4 <sup>1</sup>	13 <sup>+</sup>	—	—	—	—	—
<i>Conioselinum tataricum</i>	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—
<i>n</i> (Σ = 231)	45	7	6	5	52	31	35	0	46	0	1	1	4	8	0	0	0	0	0
4. Заповедник «Пинежский» и верховья р. Кулой, «типичная» северная тайга [Pinega Strict Nature Reserve and Kuloi River upper reaches, “typical” northern-boreal belt], 64°N, 43°E; GDD = 451; K = 38,4																			
<i>Rhizomatopteris sudetica</i>	—	—	1 <sup>+</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Diplazium sibiricum</i>	—	—	17 <sup>4</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Larix sibirica</i> (a + b)	15 <sup>1</sup>	49 <sup>4</sup>	29 <sup>2</sup>	—	11 <sup>+</sup>	57 <sup>4</sup>	77 <sup>6</sup>	75 <sup>6</sup>	4 <sup>+</sup>	100 <sup>40</sup>	33 <sup>4</sup>	20 <sup>1</sup>	—	—	—	—	—	—	—
<i>Calamagrostis langsdorffii</i>	—	—	24 <sup>1</sup>	37 <sup>5</sup>	—	—	—	—	—	4 <sup>+</sup>	44 <sup>1</sup>	35 <sup>1</sup>	—	—	—	—	—	58 <sup>13</sup>	4 <sup>46</sup>
<i>C. obtusata</i>	—	—	1 <sup>+</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Elymus mutabilis</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	2 <sup>+</sup>	—	—	—	—	—
<i>Veratrum lobelianum</i>	—	—	48 <sup>1</sup>	50 <sup>1</sup>	1 <sup>+</sup>	—	—	—	—	—	—	40 <sup>1</sup>	—	25 <sup>1</sup>	24 <sup>1</sup>	40 <sup>4</sup>	—	25 <sup>1</sup>	—
<i>Bistorta major</i>	—	—	11 <sup>+</sup>	37 <sup>1</sup>	—	—	—	—	—	—	—	20 <sup>+</sup>	—	6 <sup>+</sup>	—	20 <sup>+</sup>	—	25 <sup>1</sup>	1 <sup>+</sup>
<i>Stellaria bungeana</i>	—	—	14 <sup>+</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Paeonia anomala</i>	—	—	3 <sup>+</sup>	—	—	—	—	—	—	—	—	10 <sup>+</sup>	—	—	—	—	—	8 <sup>+</sup>	—
<i>Actaea erythrocarpa</i>	—	—	9 <sup>+</sup>	—	—	—	—	—	—	9 <sup>+</sup>	—	—	—	—	—	—	—	—	—
<i>Delphinium elatum</i>	—	2 <sup>+</sup>	24 <sup>+</sup>	3 <sup>+</sup>	—	—	—	—	—	20 <sup>+</sup>	17 <sup>+</sup>	35 <sup>+</sup>	—	6 <sup>+</sup>	—	—	—	8 <sup>+</sup>	—
<i>Aconitum septentrionale</i>	—	16 <sup>+</sup>	77 <sup>13</sup>	43 <sup>4</sup>	—	—	—	16 <sup>+</sup>	—	29 <sup>2</sup>	50 <sup>1</sup>	60 <sup>11</sup>	—	19 <sup>1</sup>	2 <sup>+</sup>	60 <sup>1</sup>	2 <sup>70</sup>	58 <sup>9</sup>	—
<i>Atragene sibirica</i>	—	18 <sup>+</sup>	77 <sup>4</sup>	23 <sup>+</sup>	—	16 <sup>+</sup>	—	53 <sup>1</sup>	—	89 <sup>3</sup>	83 <sup>5</sup>	60 <sup>2</sup>	—	13 <sup>1</sup>	—	—	2 <sup>4</sup>	—	—

<i>Ranunculus subborealis</i>	–	2 <sup>+</sup>	33 <sup>+</sup>	67 <sup>3</sup>	1 <sup>+</sup>	–	–	–	–	–	–	25 <sup>+</sup>	–	6 <sup>+</sup>	–	–	1 <sup>1</sup>	33 <sup>2</sup>	–
<i>Thalictrum kemense</i>	–	4 <sup>+</sup>	60 <sup>1</sup>	13 <sup>+</sup>	–	4 <sup>+</sup>	–	25 <sup>+</sup>	–	40 <sup>1</sup>	33 <sup>+</sup>	55 <sup>2</sup>	–	31 <sup>1</sup>	17 <sup>+</sup>	40 <sup>2</sup>	–	42 <sup>2</sup>	–
<i>T. macrophyllum</i>	–	–	8 <sup>+</sup>	3 <sup>+</sup>	–	–	–	3 <sup>+</sup>	–	–	–	10 <sup>+</sup>	–	6 <sup>+</sup>	–	–	–	–	–
<i>Ribes spicatum</i> s.l.	–	–	55 <sup>1</sup>	–	–	–	–	6 <sup>+</sup>	–	9 <sup>+</sup>	17 <sup>1</sup>	55 <sup>1</sup>	–	13 <sup>+</sup>	11 <sup>+</sup>	–	–	–	–
<i>Rosa acicularis</i>	33 <sup>1</sup>	78 <sup>2</sup>	84 <sup>3</sup>	67 <sup>3</sup>	29 <sup>+</sup>	18 <sup>+</sup>	59 <sup>2</sup>	78 <sup>3</sup>	–	82 <sup>2</sup>	67 <sup>6</sup>	65 <sup>1</sup>	–	38 <sup>3</sup>	–	–	–	–	–
<i>Hedysarum alpinum</i>	–	–	–	–	–	–	7 <sup>+</sup>	3 <sup>+</sup>	–	4 <sup>+</sup>	–	–	–	6 <sup>+</sup>	–	–	–	–	–
<i>Viola mauritii</i>	–	–	3 <sup>+</sup>	–	–	–	–	–	–	7 <sup>+</sup>	–	–	–	–	–	–	–	–	–
<i>Pleurospermum uralense</i>	–	–	5 <sup>+</sup>	7 <sup>+</sup>	–	–	–	–	–	2 <sup>+</sup>	–	–	–	–	2 <sup>+</sup>	–	–	–	–
<i>Conioselinum tataricum</i>	–	–	12 <sup>+</sup>	–	–	–	–	–	–	4 <sup>+</sup>	–	–	–	–	3 <sup>+</sup>	–	–	–	–
<i>Cortusa matthioli</i> s.l.	–	–	1 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Lonicera pallasii</i> s.l.	2 <sup>+</sup>	7 <sup>+</sup>	76 <sup>1</sup>	47 <sup>+</sup>	–	15 <sup>+</sup>	2 <sup>+</sup>	38 <sup>+</sup>	–	47 <sup>+</sup>	17 <sup>1</sup>	60 <sup>1</sup>	–	31 <sup>1</sup>	3 <sup>+</sup>	–	–	–	–
<i>Valeriana wolgensis</i>	–	–	39 <sup>+</sup>	3 <sup>+</sup>	–	–	–	6 <sup>+</sup>	–	2 <sup>+</sup>	–	30 <sup>+</sup>	–	19 <sup>+</sup>	8 <sup>+</sup>	–	1 <sup>+</sup>	17 <sup>+</sup>	–
<i>Cacalia hastata</i>	–	–	15 <sup>+</sup>	–	–	–	–	–	–	–	–	5 <sup>+</sup>	–	6 <sup>+</sup>	2 <sup>+</sup>	–	–	–	–
<i>Senecio nemorensis</i>	–	–	17 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	6 <sup>+</sup>	3 <sup>+</sup>	–	–	–	–
<i>Lactuca sibirica</i>	–	–	5 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	3 <sup>+</sup>	–	–	–	–
<i>Crepis sibirica</i>	–	11 <sup>+</sup>	44 <sup>2</sup>	–	–	1 <sup>+</sup>	–	16 <sup>+</sup>	–	22 <sup>1</sup>	50 <sup>1</sup>	25 <sup>+</sup>	–	6 <sup>+</sup>	–	40 <sup>5</sup>	–	33 <sup>1</sup>	–
<i>n</i> (Σ=689)	61	45	115	30	83	61	61	32	28	45	6	20	0	16	63	5	2	12	4
5. Окрестности п. Нижний Одес, «типичная» северная тайга [Nizhniy Odes Stlmnt vicinities, “typical” northern-boreal belt], 64°N, 55°E; GDD = 410; K = 44,1																			
<i>Abies sibirica</i> (a + b)	25 <sup>1</sup>	4 <sup>10</sup>	–	–	27 <sup>1</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Larix sibirica</i> (a + b)	67 <sup>4</sup>	1 <sup>3</sup>	50 <sup>3</sup>	12 <sup>+</sup>	34 <sup>1</sup>	42 <sup>+</sup>	88 <sup>6</sup>	–	13 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–
<i>Calamagrostis langsdorffii</i>	3 <sup>+</sup>	–	100 <sup>6</sup>	94 <sup>14</sup>	4 <sup>1</sup>	–	–	–	1 <sup>+</sup>	–	–	1 <sup>25</sup>	–	–	–	3	–	–	–
<i>C. obtusata</i>	3 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Veratrum lobelianum</i>	–	1 <sup>+</sup>	83 <sup>2</sup>	88 <sup>3</sup>	2 <sup>+</sup>	–	–	–	–	–	–	1 <sup>+</sup>	–	–	–	10	2 <sup>2</sup>	–	–
<i>Bistorta major</i>	–	1 <sup>+</sup>	50 <sup>1</sup>	59 <sup>2</sup>	1 <sup>+</sup>	–	–	–	–	–	–	2 <sup>15</sup>	–	–	–	+	1 <sup>1</sup>	–	–
<i>Aconitum septentrionale</i>	–	–	67 <sup>3</sup>	82 <sup>3</sup>	–	–	–	–	–	–	–	–	–	–	–	+	1 <sup>+</sup>	–	–
<i>Atragea sibirica</i>	–	–	67 <sup>4</sup>	35 <sup>2</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Ranunculus subborealis</i>	3 <sup>+</sup>	2 <sup>+</sup>	83 <sup>2</sup>	100 <sup>4</sup>	1 <sup>+</sup>	–	–	–	–	–	–	1 <sup>5</sup>	–	–	–	+	–	–	–
<i>Thalictrum kemense</i>	–	1 <sup>+</sup>	83 <sup>2</sup>	76 <sup>1</sup>	–	–	–	–	–	–	–	–	–	–	–	3	3 <sup>22</sup>	–	–
<i>Ribes spicatum</i> s.l.	–	–	33 <sup>+</sup>	65 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Rosa acicularis</i>	19 <sup>+</sup>	4 <sup>1</sup>	83 <sup>+</sup>	82 <sup>+</sup>	11 <sup>+</sup>	–	13 <sup>1</sup>	–	–	–	1	1 <sup>+</sup>	–	–	–	–	–	–	–
<i>Pleurospermum uralense</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3 <sup>9</sup>	–	–
<i>Conioselinum tataricum</i>	–	–	17 <sup>+</sup>	41 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	0,5	–	–	–
<i>Lonicera pallasii</i> s.l.	6 <sup>+</sup>	–	100 <sup>4</sup>	94 <sup>2</sup>	–	–	–	–	–	–	–	1 <sup>3</sup>	–	–	–	2	–	–	–
<i>Valeriana wolgensis</i>	–	–	67 <sup>2</sup>	82 <sup>1</sup>	–	–	–	–	–	–	–	1 <sup>1</sup>	–	–	–	3	–	–	–
<i>Senecio nemorensis</i>	–	–	50 <sup>+</sup>	12 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Lactuca sibirica</i>	–	–	–	12 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Crepis sibirica</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1 <sup>+</sup>	–	–
<i>n</i> (Σ=251)	36	4	6	17	85	12	8	0	76	0	1	2	0	0	0	1	3	0	0
6. Заповедник «Кивач», средняя тайга [Kivach Strict Nature Reserve, middle-boreal subzone], 62°N, 33°E; GDD = 484; K = 35,6																			
<i>Diplazium sibiricum</i>	–	–	14 <sup>7</sup>	–	–	–	–	–	–	–	–	–	6 <sup>+</sup>	–	–	–	–	–	–
<i>Calamagrostis langsdorffii</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6 <sup>2</sup>	–
<i>Bistorta major</i>	–	–	–	11 <sup>+</sup>	–	–	–	–	–	–	–	–	6 <sup>+</sup>	–	–	7 <sup>+</sup>	–	6 <sup>+</sup>	–
<i>Actaea erythrocarpa</i>	–	–	21 <sup>1</sup>	–	–	–	–	–	–	–	–	5 <sup>+</sup>	–	–	–	–	–	–	–
<i>Aconitum septentrionale</i>	–	3 <sup>+</sup>	50 <sup>5</sup>	2 <sup>+</sup>	–	–	–	3 <sup>+</sup>	–	–	–	9 <sup>1</sup>	72 <sup>7</sup>	17 <sup>1</sup>	–	29 <sup>2</sup>	–	–	–
<i>Ribes spicatum</i> s.l.	–	3 <sup>+</sup>	7 <sup>+</sup>	5 <sup>+</sup>	–	–	–	3 <sup>+</sup>	–	–	–	–	28 <sup>1</sup>	10 <sup>1</sup>	–	7 <sup>+</sup>	–	44 <sup>3</sup>	–
<i>Rosa acicularis</i>	18 <sup>+</sup>	31 <sup>1</sup>	46 <sup>2</sup>	82 <sup>1</sup>	39 <sup>1</sup>	8 <sup>+</sup>	30 <sup>+</sup>	26 <sup>1</sup>	18 <sup>+</sup>	–	83 <sup>1</sup>	41 <sup>1</sup>	78 <sup>1</sup>	20 <sup>+</sup>	–	14 <sup>+</sup>	–	6 <sup>+</sup>	–
<i>Viola selkirkii</i>	–	6 <sup>+</sup>	14 <sup>+</sup>	–	–	–	–	–	–	–	–	–	39 <sup>1</sup>	7 <sup>+</sup>	–	7 <sup>+</sup>	–	–	–
<i>Conioselinum tataricum</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	2 <sup>+</sup>	–	–	–	–	–
<i>Lonicera pallasii</i> s.l.	5 <sup>+</sup>	3 <sup>+</sup>	21 <sup>+</sup>	27 <sup>+</sup>	–	10 <sup>+</sup>	4 <sup>+</sup>	29 <sup>+</sup>	–	–	–	9 <sup>+</sup>	22 <sup>+</sup>	5 <sup>+</sup>	–	–	–	–	–
<i>Lactuca sibirica</i>	–	–	–	–	–	–	–	–	–	–	–	–	6 <sup>+</sup>	–	–	–	–	6 <sup>+</sup>	–
<i>n</i> (Σ=564)	40	35	28	66	41	49	47	38	80	0	6	22	18	59	0	14	0	18	3
7. Национальный парк «Кенозерский», средняя тайга [Kenozero National Park, middle-boreal subzone], 61°N, 38°E; GDD = 544; K = 38,4																			
<i>Diplazium sibiricum</i>	–	–	1 <sup>+</sup>	2 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Larix sibirica</i> (a + b)	28 <sup>2</sup>	43 <sup>7</sup>	4 <sup>+</sup>	6 <sup>+</sup>	2 <sup>+</sup>	18 <sup>1</sup>	32 <sup>2</sup>	40 <sup>6</sup>	9 <sup>+</sup>	49	25 <sup>3</sup>	3 <sup>+</sup>	4 <sup>+</sup>	–	–	–	–	–	–
<i>Calamagrostis langsdorffii</i>	–	–	4 <sup>+</sup>	4 <sup>1</sup>	–	–	–	–	–	–	–	–	11 <sup>+</sup>	–	–	–	–	–	–

<i>Bistorta major</i>	–	–	1 <sup>+</sup>	43 <sup>1</sup>	2 <sup>+</sup>	–	–	–	5 <sup>+</sup>	–	–	7 <sup>+</sup>	4 <sup>+</sup>	4 <sup>+</sup>	–	25 <sup>+</sup>	1	31 <sup>3</sup>	–
<i>Actaea erythrocarpa</i>	–	–	1 <sup>+</sup>	–	–	–	–	–	–	–	–	–	4 <sup>+</sup>	4 <sup>+</sup>	–	–	–	–	–
<i>Aconitum septentrionale</i>	2 <sup>+</sup>	33 <sup>+</sup>	91 <sup>13</sup>	47 <sup>3</sup>	–	–	–	11 <sup>+</sup>	–	–	16 <sup>+</sup>	34 <sup>4</sup>	86 <sup>11</sup>	32 <sup>3</sup>	–	–	30	11 <sup>+</sup>	–
<i>Atragene sibirica</i>	5 <sup>+</sup>	10 <sup>+</sup>	41 <sup>1</sup>	4 <sup>+</sup>	–	–	–	–	–	–	3 <sup>+</sup>	10 <sup>1</sup>	43 <sup>2</sup>	2 <sup>+</sup>	–	–	–	–	–
<i>Ranunculus subborealis</i>	–	–	23 <sup>+</sup>	33 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Ribes spicatum</i> s.l.	2 <sup>+</sup>	5 <sup>+</sup>	48 <sup>1</sup>	6 <sup>+</sup>	–	–	–	–	–	–	6 <sup>+</sup>	17 <sup>+</sup>	46 <sup>3</sup>	23 <sup>1</sup>	–	–	–	–	–
<i>Rosa acicularis</i>	37 <sup>+</sup>	48 <sup>+</sup>	65 <sup>1</sup>	67 <sup>1</sup>	31 <sup>+</sup>	–	27 <sup>1</sup>	34 <sup>1</sup>	6 <sup>+</sup>	7	31 <sup>1</sup>	21 <sup>+</sup>	57 <sup>1</sup>	11 <sup>+</sup>	17 <sup>+</sup>	8 <sup>+</sup>	–	–	–
<i>Viola selkirkii</i>	2 <sup>+</sup>	–	3 <sup>+</sup>	–	–	–	2 <sup>+</sup>	–	–	–	9 <sup>+</sup>	7 <sup>+</sup>	14 <sup>+</sup>	13 <sup>+</sup>	–	–	–	–	–
<i>Lonicera pallasii</i> s.l.	5 <sup>+</sup>	–	33 <sup>1</sup>	33 <sup>+</sup>	3 <sup>+</sup>	–	4 <sup>+</sup>	9 <sup>+</sup>	2 <sup>+</sup>	–	19 <sup>+</sup>	21 <sup>+</sup>	21 <sup>+</sup>	9 <sup>+</sup>	–	–	–	5 <sup>+</sup>	–
<i>Lactuca sibirica</i>	–	–	1 <sup>+</sup>	–	–	–	–	–	–	–	3 <sup>+</sup>	–	–	–	–	–	–	–	–
<i>Crepis sibirica</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	+	5 <sup>+</sup>	–
n (Σ = 563)	43	21	69	49	42	11	47	35	65	1	32	29	28	53	6	12	1	19	0
8. Среднее течение р. Устья, средняя тайга [Ustya River middle reaches, middle-boreal subzone], 61°N, 43°E; GDD = 595; K = 40,3																			
<i>Diplazium sibiricum</i>	–	–	5 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Abies sibirica</i> (a + b)	19 <sup>+</sup>	48 <sup>1</sup>	86 <sup>3</sup>	33 <sup>1</sup>	31 <sup>1</sup>	–	–	25 <sup>1</sup>	–	–	29 <sup>1</sup>	45 <sup>1</sup>	12	–	–	–	–	–	–
<i>Calamagrostis langsdorffii</i>	–	–	2 <sup>+</sup>	–	3 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>C. obtusata</i>	29 <sup>+</sup>	13 <sup>+</sup>	64 <sup>4</sup>	33 <sup>1</sup>	5 <sup>+</sup>	–	6 <sup>+</sup>	–	3 <sup>+</sup>	–	29 <sup>1</sup>	55 <sup>1</sup>	–	4 <sup>+</sup>	–	–	–	–	–
<i>Trisetum sibiricum</i>	–	–	–	11 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Veratrum lobelianum</i>	–	–	14 <sup>+</sup>	–	1 <sup>+</sup>	–	–	–	–	–	–	9 <sup>+</sup>	–	22 <sup>+</sup>	–	–	–	–	–
<i>Bistorta major</i>	–	–	7 <sup>+</sup>	22 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Stellaria bungeana</i>	–	–	5 <sup>+</sup>	–	–	–	–	–	–	–	–	–	10	4 <sup>1</sup>	–	–	–	–	–
<i>Actaea erythrocarpa</i>	–	5 <sup>+</sup>	19 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Delphinium elatum</i>	–	–	24 <sup>+</sup>	11 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Aconitum septentrionale</i>	5 <sup>+</sup>	13 <sup>+</sup>	95 <sup>14</sup>	33 <sup>1</sup>	–	–	–	–	–	–	29 <sup>+</sup>	82 <sup>6</sup>	15	39 <sup>1</sup>	–	–	–	–	–
<i>Atragene sibirica</i>	14 <sup>+</sup>	25 <sup>+</sup>	67 <sup>1</sup>	33 <sup>+</sup>	–	–	–	13 <sup>+</sup>	–	–	14 <sup>+</sup>	27 <sup>+</sup>	5	–	–	–	–	–	–
<i>Ranunculus subborealis</i>	–	–	40 <sup>+</sup>	33 <sup>+</sup>	–	–	–	–	–	–	–	9 <sup>+</sup>	–	4 <sup>+</sup>	–	–	–	–	–
<i>Thalictrum kemense</i>	–	–	17 <sup>+</sup>	–	–	–	–	–	–	–	–	18 <sup>+</sup>	5	26 <sup>+</sup>	–	2 <sup>2</sup>	–	–	–
<i>T. macrophyllum</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	4 <sup>+</sup>	5 <sup>+</sup>	–	–	–	–
<i>Ribes spicatum</i> s.l.	10 <sup>+</sup>	53 <sup>+</sup>	76 <sup>1</sup>	33 <sup>+</sup>	4 <sup>+</sup>	–	–	19 <sup>+</sup>	–	–	29 <sup>+</sup>	36 <sup>+</sup>	5	35 <sup>+</sup>	–	–	–	–	–
<i>Rosa acicularis</i>	62 <sup>+</sup>	45 <sup>+</sup>	67 <sup>1</sup>	56 <sup>+</sup>	28 <sup>+</sup>	50 <sup>+</sup>	63 <sup>1</sup>	81 <sup>1</sup>	5 <sup>+</sup>	–	43 <sup>+</sup>	36 <sup>+</sup>	+	9 <sup>1</sup>	–	–	–	–	–
<i>Viola selkirkii</i>	10 <sup>+</sup>	33 <sup>+</sup>	29 <sup>+</sup>	–	–	–	–	–	–	–	–	36 <sup>+</sup>	–	9 <sup>+</sup>	–	–	–	–	–
<i>Pleurospermum uralense</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	9 <sup>+</sup>	–	–	–	–	–
<i>Conioselinum tataricum</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	5 <sup>+</sup>	–	–	–	–
<i>Lonicera pallasii</i> s.l.	38 <sup>+</sup>	28 <sup>+</sup>	48 <sup>+</sup>	56 <sup>+</sup>	8 <sup>+</sup>	–	9 <sup>+</sup>	44 <sup>+</sup>	–	–	57 <sup>+</sup>	36 <sup>+</sup>	0,5	–	–	–	–	–	1 <sup>+</sup>
<i>Valeriana wolgensis</i>	–	–	12 <sup>+</sup>	–	–	–	–	–	–	–	–	–	+	9 <sup>+</sup>	11 <sup>+</sup>	–	–	–	–
<i>Cacalia hastata</i>	–	–	10 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	26 <sup>1</sup>	–	–	–	–	–
<i>Crepis sibirica</i>	5 <sup>+</sup>	–	19 <sup>+</sup>	–	–	–	–	–	–	–	–	18 <sup>+</sup>	1	–	–	–	–	–	–
n (Σ = 362)	21	40	42	9	78	14	32	16	38	0	7	13	1	23	19	3	0	4	2
9. Низовья р. Вычегды, средняя тайга [Vychehda R. lower reaches, middle-boreal subzone], 62°N, 49°E; GDD = 573; K = 40,7																			
<i>Diplazium sibiricum</i>	–	–	14 <sup>4</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Abies sibirica</i> (a+b)	55 <sup>2</sup>	100 <sup>10</sup>	100 <sup>16</sup>	100 <sup>3</sup>	21 <sup>1</sup>	–	29 <sup>+</sup>	2 <sup>3</sup>	5 <sup>+</sup>	18	17	14	–	–	–	–	–	–	–
<i>Larix sibirica</i> (a+b)	–	40 <sup>3</sup>	2 <sup>+</sup>	–	–	11 <sup>+</sup>	–	1 <sup>3</sup>	–	30	10	–	–	–	–	–	–	–	–
<i>Calamagrostis langsdorffii</i>	–	–	5 <sup>+</sup>	15 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>C. obtusata</i>	9 <sup>+</sup>	20 <sup>+</sup>	36 <sup>2</sup>	8 <sup>+</sup>	4 <sup>+</sup>	–	14 <sup>+</sup>	–	2 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–
<i>Schizachne callosa</i>	–	–	7 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Elymus mutabilis</i>	–	–	2 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Veratrum lobelianum</i>	–	–	21 <sup>+</sup>	8 <sup>+</sup>	–	–	–	–	2 <sup>+</sup>	–	–	–	–	–	–	2 <sup>+</sup>	–	1 <sup>+</sup>	–
<i>Stellaria bungeana</i>	–	20 <sup>+</sup>	17 <sup>1</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Actaea erythrocarpa</i>	–	–	17 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Delphinium elatum</i>	–	–	7 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Aconitum septentrionale</i>	–	–	79 <sup>9</sup>	15 <sup>3</sup>	–	–	–	–	–	–	–	0,5	–	–	–	–	–	–	–
<i>Atragene sibirica</i>	18 <sup>+</sup>	60 <sup>+</sup>	60 <sup>2</sup>	15 <sup>+</sup>	–	–	14 <sup>+</sup>	1 <sup>3</sup>	–	0,5	0,5	–	–	–	–	–	–	–	–
<i>Ranunculus subborealis</i>	9 <sup>+</sup>	20 <sup>+</sup>	69 <sup>+</sup>	31 <sup>+</sup>	4 <sup>+</sup>	–	–	1 <sup>+</sup>	4 <sup>+</sup>	–	0,5	–	–	–	–	–	–	–	–
<i>Thalictrum kemense</i>	–	–	33 <sup>1</sup>	8 <sup>+</sup>	–	–	–	–	–	1	–	–	–	–	–	–	–	–	–
<i>Ribes spicatum</i> s.l.	–	–	40 <sup>+</sup>	8 <sup>+</sup>	–	–	–	–	–	–	–	1	–	–	–	–	–	–	–
<i>Rosa acicularis</i>	45 <sup>+</sup>	80 <sup>1</sup>	81 <sup>2</sup>	85 <sup>2</sup>	46 <sup>1</sup>	–	29 <sup>1</sup>	2 <sup>2</sup>	14 <sup>1</sup>	0,5	+	+	–	–	1 <sup>1</sup>	–	–	1 <sup>+</sup>	7

<i>Viola mauritii</i>	–	–	5 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
<i>V. selkirkii</i>	–	–	17 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
<i>Conioselinum tataricum</i>	–	–	2 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
<i>Lonicera pallasii</i> s.l.	18 <sup>+</sup>	40 <sup>+</sup>	62 <sup>+</sup>	46 <sup>+</sup>	14 <sup>+</sup>	–	14 <sup>+</sup>	–	5 <sup>+</sup>	+	+	–	–	–	–	–	–	–	
<i>Valeriana wolgensis</i>	–	–	40 <sup>+</sup>	15 <sup>+</sup>	–	–	–	1 <sup>+</sup>	–	–	–	+	–	–	–	–	–	–	
<i>Cacalia hastata</i>	–	–	26 <sup>+</sup>	15 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
<i>Senecio nemorensis</i>	–	–	5 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
<i>Crepis sibirica</i>	–	20 <sup>+</sup>	12 <sup>+</sup>	8 <sup>+</sup>	–	–	–	1 <sup>2</sup>	–	–	–	–	–	–	–	–	–	–	
<i>n</i> (Σ = 192)	11	5	42	13	28	28	7	2	44	1	1	1	0	0	4	2	0	3	1
10. Заповедник «Печоро-Илычский», Якшинское лесничество, средняя тайга [Pechora-Ilych Biosphere Reserve, Yaksha Forestry, middle-boreal subzone], 62°N, 57°E; GDD = 468; K = 44,4																			
<i>Rhizomatopteris sudetica</i>	–	–	5 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
<i>Diplazium sibiricum</i>	–	–	35 <sup>11</sup>	–	–	–	–	–	–	–	–	13 <sup>+</sup>	–	–	–	–	–	–	
<i>Abies sibirica</i> (a + b)	100 <sup>6</sup>	100 <sup>12</sup>	100 <sup>26</sup>	100 <sup>7</sup>	44 <sup>2</sup>	8 <sup>+</sup>	60 <sup>1</sup>	2 <sup>5</sup>	2 <sup>+</sup>	1	4 <sup>12</sup>	88 <sup>5</sup>	1 <sup>3</sup>	63 <sup>1</sup>	–	20 <sup>+</sup>	2 <sup>+</sup>	11 <sup>+</sup>	57 <sup>+</sup>
<i>Larix sibirica</i> (a + b)	44 <sup>3</sup>	25 <sup>2</sup>	5 <sup>+</sup>	13 <sup>+</sup>	33 <sup>1</sup>	76 <sup>4</sup>	100 <sup>5</sup>	3 <sup>20</sup>	42 <sup>2</sup>	25	4 <sup>7</sup>	25 <sup>+</sup>	–	6 <sup>1</sup>	–	–	–	–	–
<i>Pinus sibirica</i> (a + b)	100 <sup>5</sup>	56 <sup>2</sup>	65 <sup>1</sup>	100 <sup>5</sup>	100 <sup>5</sup>	24 <sup>+</sup>	88 <sup>2</sup>	1 <sup>1</sup>	60 <sup>1</sup>	3	3 <sup>1</sup>	13 <sup>+</sup>	–	6 <sup>+</sup>	–	–	–	–	29 <sup>1</sup>
<i>Calamagrostis langsdorffii</i>	6 <sup>+</sup>	13 <sup>+</sup>	65 <sup>7</sup>	75 <sup>6</sup>	33 <sup>2</sup>	–	–	–	4 <sup>1</sup>	–	2 <sup>1</sup>	100 <sup>12</sup>	1 <sup>4</sup>	56 <sup>11</sup>	17 <sup>1</sup>	40 <sup>6</sup>	2 <sup>9</sup>	67 <sup>3</sup>	86 <sup>36</sup>
<i>C. obtusata</i>	–	50 <sup>+</sup>	30 <sup>+</sup>	6 <sup>+</sup>	11 <sup>+</sup>	–	16 <sup>+</sup>	–	–	10	–	38 <sup>+</sup>	–	6 <sup>+</sup>	–	–	–	–	–
<i>Schizachne callosa</i>	–	–	15 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Elymus mutabilis</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	6 <sup>+</sup>	–	–	–	–	–
<i>Veratrum lobelianum</i>	6 <sup>+</sup>	13 <sup>+</sup>	50 <sup>1</sup>	87 <sup>4</sup>	16 <sup>+</sup>	–	–	–	–	–	–	–	2 <sup>8</sup>	31 <sup>1</sup>	–	40 <sup>2</sup>	2 <sup>1</sup>	44 <sup>+</sup>	43 <sup>1</sup>
<i>Urtica sondenii</i>	–	–	5 <sup>+</sup>	6 <sup>+</sup>	–	–	–	–	–	–	–	25 <sup>+</sup>	–	–	17 <sup>3</sup>	20 <sup>+</sup>	–	11 <sup>+</sup>	14 <sup>+</sup>
<i>Bistorta major</i>	–	–	10 <sup>1</sup>	25 <sup>2</sup>	–	–	–	–	6 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–
<i>Stellaria bungeana</i>	–	19 <sup>+</sup>	65 <sup>3</sup>	–	–	–	–	–	–	–	–	63 <sup>2</sup>	1 <sup>8</sup>	–	–	–	1 <sup>+</sup>	11 <sup>+</sup>	–
<i>Actaea erythrocarpa</i>	–	13 <sup>+</sup>	40 <sup>1</sup>	–	–	–	–	–	–	–	2 <sup>+</sup>	–	–	–	–	–	–	–	–
<i>Delphinium elatum</i>	–	6 <sup>+</sup>	30 <sup>+</sup>	–	–	–	–	–	–	–	–	25 <sup>+</sup>	1 <sup>1</sup>	–	–	–	2 <sup>4</sup>	–	–
<i>Aconitum septentrionale</i>	6 <sup>+</sup>	–	90 <sup>5</sup>	25 <sup>2</sup>	–	–	–	–	–	–	1 <sup>+</sup>	63 <sup>+</sup>	2 <sup>20</sup>	6 <sup>+</sup>	–	40 <sup>+</sup>	3 <sup>4</sup>	22 <sup>1</sup>	43 <sup>1</sup>
<i>Atragene sibirica</i>	11 <sup>+</sup>	81 <sup>2</sup>	85 <sup>2</sup>	25 <sup>+</sup>	–	–	–	1 <sup>1</sup>	–	–	4 <sup>3</sup>	88 <sup>3</sup>	1 <sup>1</sup>	25 <sup>+</sup>	4 <sup>+</sup>	–	1 <sup>2</sup>	–	43 <sup>1</sup>
<i>Ranunculus subborealis</i>	6 <sup>+</sup>	31 <sup>+</sup>	40 <sup>1</sup>	75 <sup>2</sup>	–	–	–	–	–	–	–	13 <sup>+</sup>	2 <sup>1</sup>	25 <sup>1</sup>	–	20 <sup>+</sup>	1 <sup>1</sup>	22 <sup>+</sup>	57 <sup>1</sup>
<i>Thalictrum kemense</i>	6 <sup>+</sup>	25 <sup>+</sup>	45 <sup>2</sup>	25 <sup>+</sup>	–	–	–	–	–	–	–	75 <sup>4</sup>	1 <sup>+</sup>	13 <sup>+</sup>	4 <sup>+</sup>	80 <sup>1</sup>	3 <sup>9</sup>	44 <sup>2</sup>	57 <sup>1</sup>
<i>T. macrophyllum</i>	–	–	–	–	–	–	–	–	–	–	–	13 <sup>+</sup>	–	–	4 <sup>+</sup>	–	–	–	–
<i>Ribes spicatum</i> s.l.	–	37 <sup>+</sup>	30 <sup>+</sup>	–	–	–	–	–	–	–	2 <sup>+</sup>	25 <sup>1</sup>	1 <sup>1</sup>	31 <sup>1</sup>	34 <sup>2</sup>	–	1 <sup>+</sup>	–	29 <sup>+</sup>
<i>Rosa acicularis</i>	67 <sup>1</sup>	88 <sup>4</sup>	80 <sup>4</sup>	69 <sup>2</sup>	6 <sup>+</sup>	16 <sup>+</sup>	32 <sup>+</sup>	3 <sup>1</sup>	2 <sup>+</sup>	–	4 <sup>6</sup>	100 <sup>12</sup>	1 <sup>1</sup>	75 <sup>6</sup>	22 <sup>1</sup>	40 <sup>1</sup>	3 <sup>10</sup>	11 <sup>+</sup>	57 <sup>3</sup>
<i>Hedysarum alpinum</i>	–	13 <sup>+</sup>	15 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	13 <sup>+</sup>	–	–	1 <sup>+</sup>	–	–
<i>Viola mauritii</i>	–	6 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>V. selkirkii</i>	–	–	10 <sup>1</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Pleurospermum uralense</i>	–	13 <sup>+</sup>	45 <sup>+</sup>	6 <sup>+</sup>	–	–	–	–	–	–	1 <sup>+</sup>	50 <sup>+</sup>	–	–	–	20 <sup>+</sup>	2 <sup>1</sup>	–	14 <sup>+</sup>
<i>Conioselinum tataricum</i>	–	13 <sup>+</sup>	15 <sup>+</sup>	6 <sup>+</sup>	–	–	–	–	–	–	–	50 <sup>+</sup>	1 <sup>1</sup>	13 <sup>+</sup>	–	40 <sup>+</sup>	3 <sup>1</sup>	–	14 <sup>+</sup>
<i>Cortusa matthioli</i> s.l.	–	–	10 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Lamium album</i>	–	–	–	–	–	–	–	–	–	–	–	13 <sup>+</sup>	–	–	–	–	–	–	–
<i>Lonicera pallasii</i> s.l.	–	50 <sup>2</sup>	75 <sup>2</sup>	25 <sup>+</sup>	–	–	–	1 <sup>1</sup>	–	3	3 <sup>2</sup>	88 <sup>6</sup>	1 <sup>5</sup>	56 <sup>3</sup>	9 <sup>+</sup>	40 <sup>1</sup>	2 <sup>7</sup>	22 <sup>+</sup>	71 <sup>3</sup>
<i>Valeriana wolgensis</i>	–	31 <sup>+</sup>	55 <sup>1</sup>	19 <sup>+</sup>	–	–	–	–	–	–	1 <sup>+</sup>	50 <sup>1</sup>	1 <sup>1</sup>	50 <sup>1</sup>	4 <sup>+</sup>	40 <sup>+</sup>	–	22 <sup>+</sup>	71 <sup>1</sup>
<i>Cacalia hastata</i>	–	44 <sup>1</sup>	60 <sup>1</sup>	6 <sup>+</sup>	–	–	–	–	–	–	1 <sup>+</sup>	75 <sup>2</sup>	1 <sup>1</sup>	50 <sup>+</sup>	9 <sup>+</sup>	–	2 <sup>4</sup>	–	43 <sup>1</sup>
<i>Senecio nemorensis</i>	–	25 <sup>+</sup>	20 <sup>+</sup>	6 <sup>+</sup>	–	–	–	–	–	–	–	38 <sup>1</sup>	1 <sup>1</sup>	19 <sup>1</sup>	4 <sup>+</sup>	–	2 <sup>+</sup>	11 <sup>+</sup>	43 <sup>1</sup>
<i>Saussurea parviflora</i>	–	–	5 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Lactuca sibirica</i>	–	6 <sup>+</sup>	15 <sup>+</sup>	–	–	–	–	–	–	–	–	13 <sup>+</sup>	–	50 <sup>1</sup>	13 <sup>+</sup>	40 <sup>1</sup>	1 <sup>+</sup>	–	14 <sup>+</sup>
<i>Crepis sibirica</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1 <sup>1</sup>	–	–
<i>n</i> (Σ = 266)	18	16	20	16	18	25	25	3	47	1	4	8	2	16	23	5	3	9	7
11. Заповедник «Печоро-Илычский», Верхнепечорское лесничество, средняя тайга предгорий Северного Урала [Pechora-Ilych Biosphere Reserve, Upper-Pechora Forestry, middle-boreal subzone of the Northern Ural foothills], 62°N, 58°E; GDD = 388; K = 45,6																			
<i>Rhizomatopteris sudetica</i>	–	–	2 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Diplazium sibiricum</i>	–	–	40 <sup>7</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Abies sibirica</i> (a + b)	100 <sup>22</sup>	72 <sup>7</sup>	100 <sup>21</sup>	100 <sup>9</sup>	100 <sup>12</sup>	10 <sup>+</sup>	–	–	–	4 <sup>9</sup>	100 <sup>15</sup>	100 <sup>13</sup>	4 <sup>16</sup>	1 <sup>1</sup>	–	20 <sup>+</sup>	17 <sup>+</sup>	7 <sup>+</sup>	10 <sup>+</sup>
<i>Larix sibirica</i> (a + b)	–	9 <sup>+</sup>	–	–	–	–	–	–	–	4 <sup>38</sup>	–	–	–	–	–	–	–	–	–
<i>Pinus sibirica</i> (a + b)	100 <sup>6</sup>	100 <sup>4</sup>	88 <sup>2</sup>	100 <sup>3</sup>	100 <sup>5</sup>	30 <sup>+</sup>	89 <sup>+</sup>	+	4 <sup>+</sup>	2 <sup>+</sup>	100 <sup>1</sup>	50 <sup>+</sup>	1 <sup>+</sup>	2 <sup>2</sup>	–	20 <sup>+</sup>	17 <sup>+</sup>	–	10 <sup>+</sup>
<i>Calamagrostis langsdorffii</i>	–	44 <sup>+</sup>	83 <sup>8</sup>	75 <sup>4</sup>	24 <sup>+</sup>	–	–	–	–	1 <sup>+</sup>	20 <sup>+</sup>	56 <sup>5</sup>	2 <sup>3</sup>	2 <sup>2</sup>	38 <sup>8</sup>	10 <sup>+</sup>	67 <sup>13</sup>	57 <sup>13</sup>	80 <sup>15</sup>
<i>C. obtusata</i>	–	19 <sup>+</sup>	48 <sup>4</sup>	17 <sup>+</sup>	–	–	–	–	–	–	40 <sup>+</sup>	–	2 <sup>4</sup>	–	–	10 <sup>+</sup>	17 <sup>4</sup>	–	–
<i>Elymus mutabilis</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	1 <sup>5</sup>	–	10 <sup>+</sup>	17 <sup>1</sup>	–	–

<i>Veratrum lobelianum</i>	–	13 <sup>+</sup>	81 <sup>2</sup>	83 <sup>3</sup>	19 <sup>+</sup>	–	–	–	–	–	–	25 <sup>1</sup>	–	2 <sup>1</sup>	19 <sup>+</sup>	50 <sup>3</sup>	83 <sup>1</sup>	43 <sup>+</sup>	40 <sup>1</sup>
<i>Urtica sondenii</i>	–	–	21 <sup>+</sup>	–	–	–	–	–	–	–	–	13 <sup>1</sup>	–	2 <sup>6</sup>	38 <sup>2</sup>	–	17 <sup>+</sup>	79 <sup>6</sup>	20 <sup>+</sup>
<i>Bistorta major</i>	–	–	10 <sup>+</sup>	42 <sup>1</sup>	–	–	–	–	–	–	–	6 <sup>+</sup>	–	–	6 <sup>+</sup>	30 <sup>2</sup>	–	7 <sup>+</sup>	20 <sup>+</sup>
<i>Stellaria bungeana</i>	–	9 <sup>+</sup>	48 <sup>3</sup>	25 <sup>+</sup>	–	–	–	–	–	–	20 <sup>+</sup>	13 <sup>+</sup>	–	1 <sup>2</sup>	6 <sup>+</sup>	–	50 <sup>+</sup>	29 <sup>2</sup>	60 <sup>1</sup>
<i>Cerastium davuricum</i>	–	–	–	–	–	–	–	–	–	–	–	6 <sup>+</sup>	–	–	–	–	–	43 <sup>1</sup>	–
<i>Paeonia anomala</i>	–	28 <sup>+</sup>	12 <sup>+</sup>	–	–	–	–	–	–	4 <sup>2</sup>	20 <sup>+</sup>	19 <sup>1</sup>	–	–	–	–	17 <sup>1</sup>	14 <sup>+</sup>	10 <sup>+</sup>
<i>Actaea erythrocarpa</i>	–	9 <sup>+</sup>	7 <sup>+</sup>	–	–	–	–	–	–	–	20 <sup>+</sup>	6 <sup>+</sup>	–	–	–	–	–	–	–
<i>Delphinium elatum</i>	–	6 <sup>+</sup>	21 <sup>+</sup>	8 <sup>+</sup>	–	–	–	–	–	–	–	6 <sup>+</sup>	–	–	6 <sup>+</sup>	–	17 <sup>1</sup>	14 <sup>+</sup>	10 <sup>+</sup>
<i>Aconitum septentrionale</i>	–	13 <sup>+</sup>	<b>90<sup>14</sup></b>	25 <sup>+</sup>	–	–	–	–	–	3 <sup>1</sup>	20 <sup>+</sup>	<b>100<sup>10</sup></b>	4 <sup>6</sup>	2 <sup>5</sup>	31 <sup>1</sup>	30 <sup>+</sup>	67 <sup>4</sup>	<b>79<sup>12</sup></b>	60 <sup>3</sup>
<i>Atragene sibirica</i>	–	34 <sup>1</sup>	57 <sup>1</sup>	–	–	–	–	1	–	4 <sup>2</sup>	20 <sup>+</sup>	44 <sup>3</sup>	4 <sup>2</sup>	–	–	10 <sup>+</sup>	67 <sup>+</sup>	–	20 <sup>+</sup>
<i>Ranunculus subborealis</i>	–	9 <sup>+</sup>	57 <sup>2</sup>	83 <sup>2</sup>	5 <sup>+</sup>	–	–	–	–	–	60 <sup>+</sup>	38 <sup>1</sup>	–	–	6 <sup>+</sup>	30 <sup>1</sup>	50 <sup>2</sup>	–	30 <sup>+</sup>
<i>Thalictrum kemense</i>	–	21 <sup>+</sup>	48 <sup>1</sup>	8 <sup>+</sup>	–	–	–	+	–	<b>4<sup>9</sup></b>	–	69 <sup>2</sup>	1 <sup>+</sup>	3 <sup>1</sup>	25 <sup>+</sup>	40 <sup>2</sup>	<b>100<sup>12</sup></b>	64 <sup>3</sup>	70 <sup>3</sup>
<i>T. macrophyllum</i>	–	–	5 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	1 <sup>+</sup>	19 <sup>+</sup>	–	–	–	10 <sup>+</sup>
<i>Cardamine macrophylla</i>	–	–	5 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	1 <sup>3</sup>	19 <sup>2</sup>	10 <sup>+</sup>	–	–	–
<i>Ribes spicatum</i> s.l.	–	–	33 <sup>1</sup>	8 <sup>+</sup>	–	–	–	+	–	–	–	13 <sup>+</sup>	–	–	19 <sup>+</sup>	–	17 <sup>+</sup>	–	20 <sup>+</sup>
<i>Alchemilla crassicaulis</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	40 <sup>5</sup>	–	–	10 <sup>2</sup>
<i>A. hyperborea</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6 <sup>+</sup>	–	–	7 <sup>+</sup>	10 <sup>+</sup>
<i>A. leiophylla</i>	–	–	–	–	–	–	–	–	–	–	–	6 <sup>+</sup>	–	–	–	10 <sup>+</sup>	–	–	–
<i>A. lindbergiana</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6 <sup>+</sup>	30 <sup>1</sup>	–	7 <sup>+</sup>	–
<i>Rosa acicularis</i>	–	62 <sup>1</sup>	71 <sup>1</sup>	92 <sup>1</sup>	19 <sup>+</sup>	–	11 <sup>1</sup>	1	–	4 <sup>2</sup>	80 <sup>2</sup>	25 <sup>+</sup>	3 <sup>+</sup>	1 <sup>+</sup>	–	30 <sup>1</sup>	50 <sup>1</sup>	–	20 <sup>+</sup>
<i>Hedysarum alpinum</i>	–	3 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	1 <sup>1</sup>	6 <sup>+</sup>	50 <sup>5</sup>	–	–	–
<i>Viola mauritii</i>	–	16 <sup>+</sup>	–	–	–	–	–	–	–	1 <sup>+</sup>	20 <sup>+</sup>	–	–	1 <sup>+</sup>	–	10 <sup>+</sup>	–	–	–
<i>V. selkirkii</i>	–	–	12 <sup>1</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Pleurospermum uralense</i>	–	3 <sup>+</sup>	24 <sup>+</sup>	–	–	–	–	–	–	2 <sup>+</sup>	–	31 <sup>+</sup>	1 <sup>+</sup>	1 <sup>+</sup>	–	30 <sup>+</sup>	–	–	10 <sup>+</sup>
<i>Conioselinum tataricum</i>	–	13 <sup>+</sup>	21 <sup>+</sup>	–	–	–	–	–	–	–	20 <sup>+</sup>	13 <sup>+</sup>	–	3 <sup>1</sup>	12 <sup>+</sup>	60 <sup>+</sup>	83 <sup>+</sup>	50 <sup>1</sup>	60 <sup>1</sup>
<i>Cortusa matthioli</i> s.l.	–	3 <sup>+</sup>	29 <sup>+</sup>	8 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	17 <sup>+</sup>	–	–
<i>Lamium album</i>	–	–	5 <sup>+</sup>	–	–	–	–	–	–	–	–	6 <sup>+</sup>	–	–	25 <sup>1</sup>	–	–	71 <sup>3</sup>	10 <sup>+</sup>
<i>Lonicera pallasii</i> s.l.	–	31 <sup>+</sup>	55 <sup>1</sup>	67 <sup>1</sup>	10 <sup>+</sup>	–	–	1	–	1 <sup>+</sup>	80 <sup>1</sup>	50 <sup>2</sup>	1 <sup>+</sup>	1 <sup>+</sup>	6 <sup>+</sup>	30 <sup>+</sup>	100 <sup>1</sup>	7 <sup>+</sup>	10 <sup>+</sup>
<i>Valeriana wolgensis</i>	–	13 <sup>+</sup>	60 <sup>1</sup>	25 <sup>+</sup>	–	–	–	–	–	–	–	31 <sup>+</sup>	–	1 <sup>+</sup>	25 <sup>+</sup>	20 <sup>+</sup>	67 <sup>1</sup>	7 <sup>+</sup>	40 <sup>+</sup>
<i>Cacalia hastata</i>	–	3 <sup>+</sup>	36 <sup>1</sup>	17 <sup>+</sup>	–	–	–	–	–	–	–	6 <sup>+</sup>	–	2 <sup>1</sup>	6 <sup>+</sup>	10 <sup>+</sup>	33 <sup>+</sup>	14 <sup>1</sup>	30 <sup>+</sup>
<i>Senecio nemorensis</i>	–	–	29 <sup>+</sup>	–	–	–	–	–	–	–	–	13 <sup>+</sup>	–	2 <sup>2</sup>	44 <sup>+</sup>	10 <sup>+</sup>	33 <sup>+</sup>	7 <sup>+</sup>	30 <sup>+</sup>
<i>Saussurea parviflora</i>	–	–	2 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Lactuca sibirica</i>	–	–	7 <sup>+</sup>	8 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	6 <sup>+</sup>	10 <sup>+</sup>	–	7 <sup>+</sup>	10 <sup>+</sup>
<i>Crepis sibirica</i>	–	3 <sup>+</sup>	21 <sup>+</sup>	–	–	–	–	–	–	3 <sup>+</sup>	20 <sup>+</sup>	69 <sup>6</sup>	2 <sup>+</sup>	–	–	20 <sup>1</sup>	<b>83<sup>14</sup></b>	36 <sup>3</sup>	50 <sup>2</sup>
<i>n</i> ( $\Sigma = 227$ )	8	32	42	12	21	10	9	1	4	4	5	16	4	3	16	10	6	14	10
12. Северное побережье Финского залива, граница средней и южной тайги [Northern coast of the Gulf of Finland, transition between middle- and southern-boreal subzones], 60°N, 29°E; GDD = 619; <b>K</b> = 31,2																			
<i>Ribes spicatum</i>	–	–	16 <sup>+</sup>	–	–	–	–	3 <sup>+</sup>	–	–	–	–	–	71 <sup>1</sup>	–	–	–	–	–
<i>Lactuca sibirica</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	–	–	–	–
<i>n</i> ( $\Sigma = 261$ )	19	20	26	6	61	6	16	32	53	0	5	5	1	7	1	0	0	3	0
18. Заповедник «Басеги», горная средняя и северная тайга Среднего Урала [Basegi Strict Nature Reserve, montane middle- and northern-boreal belts of the Middle Urals], 58°N, 58°E; GDD = 612; <b>K</b> = 44,9																			
<i>Diplazium sibiricum</i>	–	67 <sup>4</sup>	57 <sup>3</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Abies sibirica</i> (a+b)	–	<b>100<sup>21</sup></b>	<b>100<sup>15</sup></b>	<b>100<sup>26</sup></b>	<b>100<sup>21</sup></b>	–	–	–	–	–	100 <sup>3</sup>	–	–	–	–	–	1 <sup>+</sup>	–	–
<i>Pinus sibirica</i> (a+b)	–	–	–	100 <sup>1</sup>	<b>100<sup>7</sup></b>	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Calamagrostis langsдорffii</i>	–	100 <sup>2</sup>	71 <sup>3</sup>	100 <sup>2</sup>	33 <sup>1</sup>	–	–	–	–	–	–	–	–	–	–	–	2 <sup>2</sup>	<b>2<sup>13</sup></b>	<b>4<sup>48</sup></b>
<i>C. obtusata</i>	–	100 <sup>1</sup>	<b>100<sup>15</sup></b>	<b>100<sup>7</sup></b>	17 <sup>+</sup>	–	–	–	–	–	40 <sup>2</sup>	–	–	–	–	–	1 <sup>+</sup>	–	–
<i>Poa insignis</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1 <sup>+</sup>	–
<i>P. sibirica</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1 <sup>+</sup>
<i>Veratrum lobelianum</i>	–	33 <sup>+</sup>	71 <sup>1</sup>	100 <sup>1</sup>	17 <sup>+</sup>	–	–	–	–	–	–	1 <sup>1</sup>	–	–	–	–	–	1 <sup>1</sup>	3 <sup>1</sup>
<i>Urtica sondenii</i>	–	22 <sup>+</sup>	–	–	–	–	–	–	–	–	20 <sup>+</sup>	–	–	–	–	–	1 <sup>1</sup>	–	–
<i>Bistorta major</i>	–	33 <sup>+</sup>	29 <sup>1</sup>	100 <sup>1</sup>	17 <sup>+</sup>	–	–	–	–	–	100 <sup>6</sup>	2 <sup>4</sup>	–	–	–	–	–	1 <sup>1</sup>	–
<i>Stellaria bungeana</i>	–	<b>100<sup>8</sup></b>	86 <sup>2</sup>	60 <sup>+</sup>	–	–	–	–	–	–	60 <sup>1</sup>	<b>2<sup>18</sup></b>	–	–	–	–	<b>2<sup>11</sup></b>	2 <sup>5</sup>	2 <sup>2</sup>
<i>Cerastium davuricum</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1 <sup>+</sup>
<i>Paeonia anomala</i>	–	11 <sup>+</sup>	14 <sup>+</sup>	–	–	–	–	–	–	–	–	1 <sup>+</sup>	–	–	–	–	1 <sup>+</sup>	–	–
<i>Aconitum septentrionale</i>	–	44 <sup>+</sup>	<b>86<sup>8</sup></b>	60 <sup>+</sup>	–	–	–	–	–	–	20 <sup>+</sup>	<b>2<sup>16</sup></b>	–	–	–	–	<b>2<sup>43</sup></b>	2 <sup>4</sup>	<b>3<sup>13</sup></b>
<i>Atragene sibirica</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1 <sup>+</sup>	–	–
<i>Ranunculus subborealis</i>	–	–	29 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1 <sup>+</sup>

<i>Thalictrum kemense</i>	–	22 <sup>+</sup>	14 <sup>+</sup>	–	–	–	–	–	–	–	20 <sup>+</sup>	1 <sup>2</sup>	–	–	–	–	2 <sup>6</sup>	1 <sup>1</sup>	1 <sup>+</sup>
<i>Cardamine macrophylla</i>	–	–	14 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1 <sup>1</sup>	1 <sup>+</sup>
<i>Ribes spicatum</i> s.l.	–	67 <sup>+</sup>	71 <sup>1</sup>	–	–	–	–	–	–	–	20 <sup>+</sup>	–	–	–	–	–	1 <sup>+</sup>	–	1 <sup>+</sup>
<i>Alchemilla hyperborea</i>	–	–	–	–	–	–	–	–	–	–	–	1 <sup>+</sup>	–	–	–	–	–	–	–
<i>A. leiophylla</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>A. lindbergiana</i>	–	–	–	–	–	–	–	–	–	–	–	2 <sup>2</sup>	–	–	–	–	–	–	1 <sup>+</sup>
<i>Rosa acicularis</i>	–	–	14 <sup>+</sup>	100 <sup>2</sup>	17 <sup>+</sup>	–	–	–	–	–	20 <sup>+</sup>	–	–	–	–	–	–	–	–
<i>Lathyrus gmelinii</i>	–	–	14 <sup>+</sup>	–	–	–	–	–	–	–	–	2 <sup>+</sup>	–	–	–	–	–	1 <sup>+</sup>	–
<i>Angelica decurrens</i>	–	–	14 <sup>+</sup>	–	–	–	–	–	–	–	–	2 <sup>4</sup>	–	–	–	–	1 <sup>+</sup>	1 <sup>+</sup>	–
<i>Pleurospermum uralense</i>	–	–	–	–	–	–	–	–	–	–	–	1 <sup>1</sup>	–	–	–	–	–	–	–
<i>Conioselinum tataricum</i>	–	–	–	–	–	–	–	–	–	–	–	2 <sup>+</sup>	–	–	–	–	–	1 <sup>1</sup>	1 <sup>+</sup>
<i>Lamium album</i>	–	–	–	–	–	–	–	–	–	–	–	2 <sup>1</sup>	–	–	–	–	1 <sup>+</sup>	–	3 <sup>1</sup>
<i>Lonicera pallasii</i> s.l.	–	22 <sup>+</sup>	14 <sup>+</sup>	40 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Valeriana wolgensis</i>	–	33 <sup>+</sup>	57 <sup>+</sup>	20 <sup>+</sup>	–	–	–	–	–	–	20 <sup>+</sup>	2 <sup>+</sup>	–	–	–	–	2 <sup>+</sup>	–	1 <sup>+</sup>
<i>Cacalia hastata</i>	–	22 <sup>+</sup>	29 <sup>1</sup>	–	–	–	–	–	–	–	–	1 <sup>+</sup>	–	–	–	–	<b>2<sup>8</sup></b>	–	2 <sup>+</sup>
<i>Senecio nemorensis</i>	–	11 <sup>+</sup>	29 <sup>+</sup>	–	–	–	–	–	–	–	–	1 <sup>1</sup>	–	–	–	–	1 <sup>+</sup>	–	–
<i>Cicerbita uralensis</i>	–	11 <sup>+</sup>	14 <sup>+</sup>	–	–	–	–	–	–	–	20 <sup>+</sup>	2 <sup>2</sup>	–	–	–	–	1 <sup>5</sup>	–	2 <sup>2</sup>
<i>Crepis sibirica</i>	–	11 <sup>+</sup>	43 <sup>2</sup>	–	–	–	–	–	–	–	–	2 <sup>+</sup>	–	–	–	–	–	–	2 <sup>1</sup>
<i>n</i> (Σ = 42)	0	9	7	5	6	0	0	0	0	0	5	2	0	0	0	0	2	2	4

*Примечание.* Типы сообществ: 1 – ельники: 1.1 – воронично-черничные и черничные, 1.2 – кисличные и травяно-зеленомошные, 1.3 – высокотравные, 1.4 – мезоэвтрофные сфагновые, 1.5 – мезотрофные и олиготрофные сфагновые. 2 – сосняки: 2.1 – лишайниковые и лишайниково-зеленомошные, 2.2 – кустарничковые зеленомошные, 2.3 – травяно-зеленомошные, 2.4 – мезотрофные и олиготрофные сфагновые. 3 – лиственничники травяно-зеленомошные. 4 – березняки: 4.1 – кисличные и травяно-зеленомошные, 4.2 – высокотравные. 5 – осинники высокотравные. 6 – сероольшаники. 10.1 – пойменные ивняки из корзиночных ив. 11 – влажные и сырые луга: 11.1 – влажноразнотравные, 11.2 – урало-сибирские высокотравные, 11.3 – таволговые, 11.4 – высоквейниковые. Для видов приводятся постоянство (%) и (в надстрочном регистре) среднее проективное покрытие (ПП) (%). При числе описаний менее 5 постоянство выражено как число регистраций; для единственного описания даются только покрытия. Значения постоянства и ПП доминантов и субдоминантов выделены полужирным шрифтом. ПП менее 0,5 % отмечены знаком «+». Прочерк «–» означает отсутствие вида; *n* – число описаний. Ярусы: а – древесный, б – подрост и подлесок. GDD – сумма эффективных температур выше 10°C; **K** – коэффициент континентальности Конрада. Нумерацию географических пунктов см. на рис. 1, Приложение 2.

[Note. Community types: 1 - Norway/Siberian spruce forests: 1.1 - crowberry-bilberry and bilberry feathermoss, 1.2 - sorrel and herb-feathermoss, 1.3 - tall-herb, 1.4 - mesoeutrophic peatmoss, 1.5 - mesotrophic and oligotrophic peatmoss. 2 - Scots pine forests: 2.1 - lichen and lichen-feathermoss, 2.2 - dwarfshrub feathermoss, 2.3 - herb-feathermoss, 2.4 - mesotrophic and oligotrophic peatmoss. 3 - herb-feathermoss Siberian larch forests. 4 - birch forests: 4.1 - sorrel and herb-feathermoss, 4.2 - tall-herb. 5 - tall-herb aspen forests. 6 - gray alder groves and thickets. 10.1 - basket willow floodplain thickets. 11 - mesic to wet meadows: 11.1 - mesic forb, 11.2 - Uralian-Siberian tall-forb, 11.3 - meadowsweet, 11.4 - pine purple grass. Constancy (%) and average cover (% in superscripts) are given for species. Constancy values are represented as unit registration numbers for community types with less than 5 relevés, and only cover values are listed for a single relevé. Cover and constancy values are shown in bold for dominants and subdominants. Average species cover less than 0.5% is given as “+”; missed species are marked with “–”; *n* is number of relevés. Layers: a - tree, b - regrowth and shrub. GDD is a sum of growing degree-days above 10°C, and **K** is Conrad continentality index. See enumeration of the study areas in the Fig. 1 of the Supplement 2].

Таблица 2 [Table 2]

**Постоянство и проективное покрытие континентальных видов сосудистых растений  
в сообществах южной тайги и подтайги Европейской России**  
[Constancy and cover of continental vascular plant species in southern-boreal and hemiboreal subzone  
communities of European Russia]

Виды [Species]	Типы сообществ [Community types]																		
	1.1	1.2	1.3	1.4	1.5	2.1	2.2	2.3	2.4	4.1	4.2	5	6	7.2	8.2	9	11.1	11.3	11.4
13. Бассейн р. Кемы, граница средней и южной тайги [Kema River basin, transition between middle- and southern-boreal subzones], 60°N, 37°E; GDD = 569; K = 36,9																			
<i>Larix sibirica</i> (a)	—	—	—	—	—	—	—	—	—	—	—	17 <sup>1</sup>	—	—	—	—	—	—	—
<i>Bistorta major</i>	—	2 <sup>+</sup>	—	24 <sup>+</sup>	—	—	—	—	—	—	—	—	5 <sup>+</sup>	—	—	—	1 <sup>5</sup>	47 <sup>1</sup>	—
<i>Aconitum septentrionale</i>	—	18 <sup>+</sup>	94 <sup>10</sup>	11 <sup>+</sup>	—	—	—	—	—	2 <sup>+</sup>	100 <sup>12</sup>	100 <sup>13</sup>	5 <sup>+</sup>	—	—	—	—	—	—
<i>Atragene sibirica</i>	—	26 <sup>+</sup>	50 <sup>+</sup>	—	—	—	—	20 <sup>+</sup>	—	—	—	33 <sup>3</sup>	—	—	—	1	—	—	—
<i>Ribes spicatum</i> s.l.	—	45 <sup>+</sup>	50 <sup>+</sup>	18 <sup>+</sup>	3 <sup>+</sup>	—	—	60 <sup>+</sup>	—	2 <sup>+</sup>	40 <sup>1</sup>	67 <sup>1</sup>	38 <sup>+</sup>	—	—	2	—	—	—
<i>Rosa acicularis</i>	11 <sup>+</sup>	26 <sup>+</sup>	25 <sup>+</sup>	88 <sup>+</sup>	10 <sup>+</sup>	—	—	40 <sup>+</sup>	—	—	—	—	—	—	—	1	—	—	—
<i>Viola selkirkii</i>	—	39 <sup>+</sup>	19 <sup>+</sup>	—	—	—	—	20 <sup>+</sup>	—	—	—	17 <sup>+</sup>	5 <sup>+</sup>	—	—	—	—	—	—
<i>Lactuca sibirica</i>	—	—	—	—	—	—	—	—	—	—	—	—	5 <sup>+</sup>	—	—	—	—	—	—
<i>Crepis sibirica</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1 <sup>+</sup>	—	—
<i>n</i> (Σ = 294)	18	38	16	17	29	25	50	5	40	4	5	65	21	0	0	1	4	15	0
14. Заказник «Лисинский», южная тайга [Lisino Partial Nature Reserve, southern-boreal subzone], 59°N, 30°E; GDD = 686; K = 32,3																			
<i>Ribes spicatum</i> s.l.	—	2 <sup>+</sup>	—	7 <sup>+</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Rosa acicularis</i>	—	17 <sup>+</sup>	—	7 <sup>+</sup>	3 <sup>+</sup>	—	—	—	—	12 <sup>+</sup>	—	1 <sup>+</sup>	—	—	—	—	—	—	—
<i>Viola selkirkii</i>	—	—	—	—	—	—	—	—	—	—	—	1 <sup>+</sup>	—	—	—	—	—	—	—
<i>n</i> (Σ = 204)	2	53	11	14	29	0	3	10	31	8	7	3	13	4	0	0	0	9	7
15. Окрестности п. Сомино, южная тайга [Somino Stlmtt vicinities, southern-boreal subzone], 59°N, 35°E; GDD = 658; K = 36,1																			
<i>Bistorta major</i>	—	—	—	—	—	—	—	17 <sup>+</sup>	—	—	32 <sup>+</sup>	15 <sup>+</sup>	8 <sup>+</sup>	—	—	—	2 <sup>1</sup>	2 <sup>1</sup>	—
<i>Aconitum septentrionale</i>	—	16 <sup>+</sup>	67 <sup>4</sup>	—	—	—	—	17 <sup>+</sup>	—	11 <sup>+</sup>	20 <sup>1</sup>	62 <sup>6</sup>	29 <sup>1</sup>	—	—	—	—	1 <sup>1</sup>	—
<i>Ranunculus subborealis</i>	—	—	—	—	—	—	—	—	—	—	—	8 <sup>+</sup>	—	—	—	—	—	—	—
<i>Ribes spicatum</i> s.l.	—	32 <sup>+</sup>	33 <sup>+</sup>	—	—	—	—	17 <sup>+</sup>	—	33 <sup>+</sup>	16 <sup>+</sup>	69 <sup>1</sup>	25 <sup>+</sup>	—	—	—	—	—	—
<i>Rosa acicularis</i>	—	—	—	—	—	—	—	—	—	—	8 <sup>+</sup>	8 <sup>+</sup>	—	—	—	—	—	—	—
<i>Viola selkirkii</i>	—	—	17 <sup>+</sup>	—	—	—	—	—	—	11 <sup>+</sup>	4 <sup>+</sup>	8 <sup>+</sup>	4 <sup>+</sup>	—	—	—	—	—	—
<i>Lonicera pallasii</i> s.l.	—	—	—	—	—	—	—	—	—	11 <sup>+</sup>	—	—	—	—	—	—	—	—	—
<i>Valeriana wolgensis</i>	—	—	17 <sup>+</sup>	—	—	—	—	17 <sup>+</sup>	—	—	—	15 <sup>+</sup>	4 <sup>+</sup>	—	—	—	—	—	—
<i>n</i> (Σ = 186)	7	19	6	0	4	10	29	6	26	9	25	13	24	0	0	0	3	4	1
16. Национальный парк «Валдайский», граница южной тайги и подтайги [Valday National Park, transition between southern-boreal and hemiboreal subzones], 58°N, 33°E; GDD = 727; K = 34,9																			
<i>Calamagrostis langsdorffii</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	30 <sup>7</sup>	3 <sup>28</sup>
<i>Lilium martagon</i> s.l.	—	—	—	—	—	—	—	—	—	—	—	—	—	1 <sup>+</sup>	9 <sup>+</sup>	—	—	—	—
<i>Bistorta major</i>	—	—	—	20 <sup>+</sup>	—	—	—	—	—	—	11 <sup>+</sup>	20 <sup>+</sup>	11 <sup>+</sup>	—	9 <sup>+</sup>	—	78 <sup>10</sup>	60 <sup>3</sup>	2 <sup>1</sup>
<i>Aconitum septentrionale</i>	—	13 <sup>+</sup>	11 <sup>+</sup>	—	—	—	—	—	—	—	11 <sup>+</sup>	20 <sup>1</sup>	25 <sup>2</sup>	—	36 <sup>+</sup>	—	—	—	—
<i>Ribes spicatum</i> s.l.	—	20 <sup>+</sup>	68 <sup>+</sup>	—	—	—	4 <sup>+</sup>	29 <sup>3</sup>	—	18 <sup>+</sup>	33 <sup>+</sup>	20 <sup>+</sup>	50 <sup>2</sup>	2 <sup>+</sup>	—	—	—	—	—
<i>Viola selkirkii</i>	—	17 <sup>+</sup>	47 <sup>+</sup>	—	—	—	—	14 <sup>+</sup>	—	—	—	40 <sup>+</sup>	36 <sup>+</sup>	—	18 <sup>+</sup>	—	—	—	—
<i>n</i> (Σ = 227)	12	30	19	5	3	9	27	7	18	11	9	5	36	2	11	0	9	10	4
17. Костромская таежная станция, заповедник «Кологривский лес» и верховья р. Вохмы, южная тайга [Kostroma Taiga Permanent Study Area, Kologriv Forest Strict Nature Reserve, and Vokhma River upper reaches, southern-boreal subzone], 58°N, 45°E; GDD = 766; K = 40,9																			
<i>Rhizomatopteris sudetica</i>	—	—	4 <sup>+</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Diplazium sibiricum</i>	—	2 <sup>+</sup>	12 <sup>1</sup>	10 <sup>+</sup>	—	—	—	7 <sup>+</sup>	—	—	7 <sup>+</sup>	6 <sup>+</sup>	—	—	—	—	—	—	—
<i>Abies sibirica</i> (a + b)	—	78 <sup>5</sup>	84 <sup>6</sup>	57 <sup>2</sup>	35 <sup>1</sup>	—	3 <sup>+</sup>	14 <sup>+</sup>	3 <sup>+</sup>	27 <sup>1</sup>	32 <sup>1</sup>	63 <sup>3</sup>	7 <sup>+</sup>	100 <sup>2</sup>	—	—	—	—	—
<i>Larix sibirica</i> (a + b)	—	—	—	5 <sup>+</sup>	—	—	16 <sup>1</sup>	7 <sup>+</sup>	—	—	—	—	—	—	—	—	—	—	—
<i>Calamagrostis langsdorffii</i>	—	6 <sup>+</sup>	4 <sup>+</sup>	24 <sup>+</sup>	5 <sup>+</sup>	—	—	7 <sup>+</sup>	3 <sup>+</sup>	5 <sup>+</sup>	11 <sup>+</sup>	6 <sup>+</sup>	27 <sup>+</sup>	—	—	—	—	14 <sup>3</sup>	—
<i>Bistorta major</i>	—	—	1 <sup>+</sup>	19 <sup>1</sup>	—	—	—	—	—	—	2 <sup>+</sup>	—	—	—	—	—	—	14 <sup>+</sup>	—
<i>Actaea erythrocarpa</i>	—	—	3 <sup>+</sup>	—	—	—	—	—	—	—	2 <sup>+</sup>	6 <sup>+</sup>	—	—	—	—	—	—	—
<i>Delphinium elatum</i>	—	—	1 <sup>+</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Aconitum septentrionale</i>	—	27 <sup>+</sup>	66 <sup>4</sup>	38 <sup>+</sup>	—	—	—	21 <sup>3</sup>	—	36 <sup>1</sup>	50 <sup>2</sup>	56 <sup>1</sup>	13 <sup>+</sup>	20 <sup>3</sup>	—	—	—	—	—
<i>Atragene sibirica</i>	—	18 <sup>+</sup>	31 <sup>+</sup>	19 <sup>+</sup>	—	—	3 <sup>+</sup>	7 <sup>+</sup>	—	9 <sup>+</sup>	11 <sup>+</sup>	31 <sup>+</sup>	—	10 <sup>+</sup>	—	—	—	—	—

<i>Ranunculus subborealis</i>	–	2 <sup>+</sup>	16 <sup>+</sup>	19 <sup>+</sup>	–	–	–	7 <sup>+</sup>	–	–	9 <sup>+</sup>	19 <sup>+</sup>	–	10 <sup>+</sup>	–	–	–	–	–
<i>Thalictrum kemense</i>	–	–	4 <sup>+</sup>	–	–	–	–	–	–	–	2 <sup>+</sup>	–	–	10 <sup>+</sup>	–	–	–	–	–
<i>Ribes spicatum</i> s.l.	11 <sup>+</sup>	45 <sup>+</sup>	40 <sup>+</sup>	33 <sup>+</sup>	–	–	–	29 <sup>+</sup>	–	23 <sup>+</sup>	30 <sup>1</sup>	25 <sup>+</sup>	–	50 <sup>1</sup>	–	–	–	–	–
<i>Rosa acicularis</i>	–	6 <sup>+</sup>	4 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Viola selkirkii</i>	–	16 <sup>+</sup>	10 <sup>+</sup>	10 <sup>+</sup>	–	–	–	–	–	9 <sup>+</sup>	14 <sup>+</sup>	6 <sup>+</sup>	–	–	–	–	–	–	–
<i>Lonicera pallasii</i> s.l.	–	10 <sup>+</sup>	5 <sup>+</sup>	19 <sup>+</sup>	–	–	–	7 <sup>+</sup>	–	14 <sup>+</sup>	2 <sup>+</sup>	13 <sup>+</sup>	–	10 <sup>+</sup>	–	–	–	–	–
<i>Valeriana wolgensis</i>	–	4 <sup>+</sup>	25 <sup>+</sup>	29 <sup>+</sup>	–	–	–	14 <sup>+</sup>	–	–	5 <sup>+</sup>	13 <sup>+</sup>	–	20 <sup>+</sup>	–	–	–	–	–
<i>Cacalia hastata</i>	–	2 <sup>+</sup>	21 <sup>+</sup>	14 <sup>+</sup>	–	–	–	–	–	–	2 <sup>+</sup>	13 <sup>+</sup>	–	–	–	–	–	–	–
<i>Crepis sibirica</i>	–	–	6 <sup>+</sup>	5 <sup>+</sup>	–	–	–	–	–	–	–	6 <sup>+</sup>	–	10 <sup>3</sup>	–	–	–	–	–
<i>n</i> (Σ = 389)	9	49	74	21	20	18	31	14	38	22	44	16	15	10	0	1	0	7	0
19. Центрально-Лесной заповедник и бассейн р. Мёжи, подтайга [Central-Forest Strict Nature Reserve and Myozha River basin, hemiboreal subzone], 56°N, 32°E; GDD = 769; K = 33,9																			
<i>Rhizomatopteris sudetica</i>	–	–	3 <sup>+</sup>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
<i>Bistorta major</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	25 <sup>+</sup>	–
<i>Aconitum septentrionale</i>	–	8 <sup>+</sup>	74 <sup>3</sup>	–	–	–	–	–	–	8 <sup>+</sup>	57 <sup>3</sup>	38 <sup>2</sup>	10 <sup>+</sup>	1 <sup>+</sup>	–	1 <sup>1</sup>	–	–	–
<i>Ribes spicatum</i> s.l.	–	6 <sup>+</sup>	3 <sup>+</sup>	–	–	–	–	–	–	8 <sup>+</sup>	–	–	–	–	–	–	–	–	–
<i>Conioselinum tataricum</i>	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1 <sup>+</sup>	–	–	–
<i>n</i> (Σ = 285)	5	36	93	0	11	2	5	3	15	13	14	13	31	2	0	3	27	12	0

*Примечание.* Типы сообществ: 1.1 – ельники черничные, 1.3 – ельники высокотравные, широколиственные и сложные, 2.3 – сосняки травяно-зеленомошные и широколиственные, 4.2 – березняки высокотравные и широколиственные, 5 – осинники высокотравные и широколиственные, 7.2 – липняки широколиственные, 8.2 – дубравы широколиственные, 9 – ильмовники и вязовники. Прочее как в табл. 1, Приложение 3.

[Note. Community types: 1.1 - bilberry feathermoss spruce forests, 1.3 - tall-herb, nemoral-herb, and hazelnut spruce forests, 2.3 - grass-feathermoss and nemoral-herb pine forests, 4.2 - tall- and nemoral-herb birch forests, 5 - tall- and nemoral-herb aspen forests, 7.2 - nemoral-herb linden forests, 8.2 - nemoral-herb oak forests, 9 - wych-elm and spreading elm forests. See other notes in the Table 1 of the Supplement 3].



Таблица 3 [Table 3]

**Постоянство и проективное покрытие континентальных видов сосудистых растений  
в сообществах широколиственно-лесной зоны Европейской России и Южного Урала**  
[Constancy and cover of continental vascular plant species in nemoral-forest zone  
communities of European Russia and Southern Urals]

Виды [Species]	Типы сообществ [Community types]																		
	1.1	1.2	1.3	2.2	2.3	4.1	4.2	5	6	7.1	7.2	8.1	8.2	9	10.2	11.1	11.2	11.3	12
20. Заповедник «Калужские засеки», зона широколиственных лесов [Kaluzhskiye Zaseki Strict Nature Reserve, nemoral-forest zone], 53°N, 35°E; GDD = 989; K = 38,1																			
<i>Veratrum lobelianum</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1 <sup>+</sup>	—	—	—
<i>Bistorta major</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1 <sup>2</sup>	—	—	—
<i>Thalictrum minus</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	57 <sup>2</sup>	31 <sup>+</sup>
<i>Conioselinum tataricum</i>	—	—	—	—	—	—	—	—	—	14 <sup>+</sup>	—	—	—	—	—	—	—	—	—
<i>n</i> (Σ = 156)	8	3	5	16	28	4	4	8	0	7	3	11	17	3	15	4	0	7	13
21. Мордовский заповедник, подтайга и зона широколиственных лесов [Mordovian Strict Nature Reserve, hemiboreal subzone and nemoral-forest zone], 54°N, 43°E; GDD = 1075; K = 42,7																			
<i>Veratrum lobelianum</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1 <sup>+</sup>
<i>Aconitum septentrionale</i>	—	—	—	—	—	—	1 <sup>+</sup>	1 <sup>+</sup>	—	6 <sup>+</sup>	28 <sup>+</sup>	1 <sup>+</sup>	—	—	4 <sup>+</sup>	—	—	—	—
<i>Viola selkirkii</i>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4 <sup>+</sup>	—	—	—	—
<i>Crepis sibirica</i>	—	—	—	—	—	—	—	—	—	—	4 <sup>+</sup>	—	—	—	—	—	—	—	—
<i>n</i> (Σ = 201)	3	5	0	10	65	14	4	4	0	18	25	2	10	2	23	1	0	11	4
22. Национальный парк «Башкирия», широколиственные леса низкогорий Южного Урала [Bashkir National Park, nemoral forests of the Southern Ural low-mountain belt], 53°N, 56°E; GDD = 961; K = 48,8																			
<i>Diplazium sibiricum</i>	—	30 <sup>+</sup>	2 <sup>12</sup>	—	—	—	—	—	—	6 <sup>+</sup>	—	—	—	—	—	—	—	—	—
<i>Poa insignis</i>	—	—	—	—	3 <sup>+</sup>	—	—	—	—	—	—	—	—	—	—	—	—	40 <sup>1</sup>	—
<i>P. sibirica</i>	—	30 <sup>+</sup>	—	—	16 <sup>+</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Carex arnellii</i>	—	—	—	—	10 <sup>+</sup>	—	—	6 <sup>+</sup>	—	—	1 <sup>+</sup>	11 <sup>+</sup>	—	—	—	—	—	—	—
<i>Carex macroura</i>	—	45 <sup>1</sup>	—	—	26 <sup>+</sup>	—	—	—	15 <sup>+</sup>	22 <sup>2</sup>	9 <sup>+</sup>	11 <sup>+</sup>	—	—	—	—	—	—	—
<i>Veratrum lobelianum</i>	—	—	—	—	6 <sup>+</sup>	—	20 <sup>+</sup>	29 <sup>+</sup>	31 <sup>+</sup>	—	4 <sup>+</sup>	—	14 <sup>+</sup>	—	—	—	—	40 <sup>1</sup>	—
<i>Lilium martagon</i> s.l.	—	15 <sup>+</sup>	—	—	26 <sup>+</sup>	—	40 <sup>+</sup>	—	8 <sup>+</sup>	6 <sup>+</sup>	1 <sup>+</sup>	—	14 <sup>+</sup>	—	—	—	—	—	—
<i>Bistorta major</i>	—	—	—	—	30 <sup>+</sup>	—	20 <sup>+</sup>	18 <sup>1</sup>	23 <sup>+</sup>	—	—	6 <sup>+</sup>	29 <sup>+</sup>	11 <sup>+</sup>	—	—	1 <sup>1</sup>	60 <sup>4</sup>	71 <sup>8</sup>
<i>Stellaria bungeana</i>	—	65 <sup>1</sup>	1 <sup>+</sup>	—	13 <sup>+</sup>	—	20 <sup>+</sup>	24 <sup>2</sup>	86 <sup>3</sup>	17 <sup>+</sup>	47 <sup>1</sup>	6 <sup>+</sup>	29 <sup>+</sup>	78 <sup>3</sup>	—	—	—	—	—
<i>Cerastium davuricum</i>	—	—	—	—	10 <sup>+</sup>	—	—	—	38 <sup>1</sup>	—	—	—	—	—	—	—	—	—	—
<i>C. pauciflorum</i>	—	95 <sup>1</sup>	1 <sup>1</sup>	—	23 <sup>+</sup>	—	20 <sup>+</sup>	18 <sup>+</sup>	8 <sup>+</sup>	22 <sup>+</sup>	6 <sup>+</sup>	11 <sup>+</sup>	—	—	—	—	—	—	—
<i>Actaea erythrocarpa</i>	—	15 <sup>+</sup>	—	—	3 <sup>+</sup>	—	—	—	8 <sup>+</sup>	6 <sup>+</sup>	—	—	—	—	—	—	—	—	—
<i>Delphinium elatum</i>	—	20 <sup>+</sup>	—	—	3 <sup>+</sup>	—	20 <sup>+</sup>	—	31 <sup>+</sup>	—	1 <sup>+</sup>	—	—	—	—	—	—	—	14 <sup>+</sup>
<i>Aconitum septentrionale</i>	—	40 <sup>+</sup>	1 <sup>+</sup>	—	45 <sup>+</sup>	2	80 <sup>7</sup>	88 <sup>2</sup>	100 <sup>2</sup>	72 <sup>+</sup>	91 <sup>2</sup>	33 <sup>+</sup>	71 <sup>+</sup>	78 <sup>5</sup>	—	—	—	40 <sup>+</sup>	—
<i>Atragene sibirica</i>	—	80 <sup>1</sup>	2 <sup>1</sup>	—	10 <sup>+</sup>	—	—	—	6 <sup>+</sup>	—	6 <sup>+</sup>	—	—	—	—	—	—	—	—
<i>Thalictrum minus</i>	—	55 <sup>+</sup>	—	—	13 <sup>+</sup>	—	—	—	—	—	—	17 <sup>+</sup>	—	11 <sup>+</sup>	—	—	—	60 <sup>1</sup>	—
<i>Lathyrus gmelinii</i>	—	5 <sup>+</sup>	—	—	16 <sup>+</sup>	0,5	40 <sup>+</sup>	6 <sup>+</sup>	31 <sup>+</sup>	33 <sup>+</sup>	1 <sup>+</sup>	11 <sup>+</sup>	14 <sup>+</sup>	11 <sup>+</sup>	—	—	—	—	—
<i>Viola selkirkii</i>	—	45 <sup>+</sup>	1 <sup>+</sup>	—	3 <sup>+</sup>	—	20 <sup>+</sup>	12 <sup>+</sup>	—	17 <sup>+</sup>	—	—	14 <sup>+</sup>	—	—	—	—	—	—
<i>Pleurospermum uralense</i>	—	50 <sup>+</sup>	—	—	26 <sup>+</sup>	+	40 <sup>+</sup>	6 <sup>+</sup>	8 <sup>+</sup>	22 <sup>+</sup>	1 <sup>+</sup>	11 <sup>+</sup>	—	—	—	—	—	—	—
<i>Conioselinum tataricum</i>	—	10 <sup>+</sup>	—	—	26 <sup>+</sup>	—	40 <sup>+</sup>	24 <sup>+</sup>	62 <sup>+</sup>	17 <sup>+</sup>	31 <sup>+</sup>	11 <sup>+</sup>	14 <sup>+</sup>	11 <sup>+</sup>	—	—	—	40 <sup>+</sup>	—
<i>Cortusa matthioli</i> s.l.	—	10 <sup>+</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Lamium album</i>	—	20 <sup>+</sup>	1 <sup>+</sup>	—	26 <sup>+</sup>	—	60 <sup>+</sup>	59 <sup>+</sup>	62 <sup>+</sup>	22 <sup>+</sup>	79 <sup>+</sup>	22 <sup>+</sup>	43 <sup>+</sup>	89 <sup>+</sup>	—	—	1 <sup>+</sup>	40 <sup>+</sup>	—
<i>Valeriana wolgensis</i>	—	40 <sup>+</sup>	1 <sup>+</sup>	—	10 <sup>+</sup>	+	20 <sup>+</sup>	12 <sup>+</sup>	—	28 <sup>+</sup>	4 <sup>+</sup>	22 <sup>+</sup>	29 <sup>+</sup>	—	—	—	—	40 <sup>+</sup>	—
<i>Cacalia hastata</i>	—	40 <sup>+</sup>	—	—	19 <sup>+</sup>	—	40 <sup>+</sup>	29 <sup>+</sup>	46 <sup>+</sup>	22 <sup>+</sup>	40 <sup>+</sup>	—	29 <sup>+</sup>	78 <sup>+</sup>	—	—	—	—	—
<i>Senecio nemorensis</i>	—	45 <sup>+</sup>	1 <sup>+</sup>	—	3 <sup>+</sup>	—	—	—	15 <sup>+</sup>	11 <sup>+</sup>	16 <sup>+</sup>	17 <sup>+</sup>	14 <sup>+</sup>	11 <sup>+</sup>	—	—	—	—	—
<i>Cicerbita uralensis</i>	—	—	—	—	35 <sup>1</sup>	—	40 <sup>1</sup>	53 <sup>2</sup>	46 <sup>3</sup>	44 <sup>+</sup>	71 <sup>3</sup>	11 <sup>+</sup>	43 <sup>+</sup>	56 <sup>1</sup>	—	—	—	—	—
<i>Crepis sibirica</i>	—	25 <sup>+</sup>	—	—	48 <sup>+</sup>	+	60 <sup>+</sup>	88 <sup>2</sup>	69 <sup>1</sup>	72 <sup>1</sup>	81 <sup>3</sup>	39 <sup>+</sup>	57 <sup>2</sup>	78 <sup>6</sup>	—	—	2 <sup>13</sup>	60 <sup>1</sup>	—
<i>n</i> (Σ = 225)	0	20	2	0	31	1	5	17	13	18	68	18	7	9	0	2	2	5	7

Примечание. Типы сообществ: 1.2 – ельники травяно-зеленомошные и волосистоосоковые, 1.3 – ельники широколиственные и сложные, 4.2 – березняки широколиственные, 5 – аналогичные осинники, 7.1 – липняки волосистоосоковые, лесовейниковые и коротконожковые, 8.1 – аналогичные дубравы, 10.2 – черноольшаники, 12 – остепненные луга. Прочее как в табл. 1 и 2, Приложение 3.

[Note. Community types: 1.2 - grass-feathermoss and pilose sedge spruce forests, 1.3 - nemoral-herb, hazelnut, and linden spruce forests, 4.2 - nemoral-herb birch forests, 5 - the analogous aspen forests, 7.1 - pilose sedge, woodreed, and heath false-brome linden forests, 8.1 - the analogous oak forests, 10.2 - black alder forests, 12 - steppe meadows. See other notes in the Tables 1 and 2 of the Supplement 3].