

## Piezīmes un atsaucis vietas līmeņa aizsardzības mērķa (CO) noteikšanai: datu izvēle un eksperta pieņēmumi

|                                     |   |
|-------------------------------------|---|
| <b>Sugas kods</b>                   | 1032  |
| <b>Sugas nosaukums</b>              | <i>Unio crassus</i>   |
| <b>Natura 2000 teritorijas kods</b> | LV0507200   |
| <b>Natura 2000 teritorijas kods</b> | Ventas un Šķerveļa ieleja   |
| <b>Eksperti</b>                     | Mudīte Rudzīte, Otars Opermanis   |
| <b>Darbs pabeigts</b>               | 19.01.2023.   |
| <b>Vispārējās piezīmes</b>          | <p>2017. gadā Natura 2000 bezmugurkaulnieku monitoringa ietvaros dabas liegumā veikta biežās perlamutrenes <i>Unio crassus</i> uzskaitē (Rudzīte, 2017), kuras rezultātā konstatēta sugas atradne Ventas upē netālu no Lētīžas ietekas. Dabas aizsardzības plāna (DU, 2020) izstrādes laikā sugas sastopamība tika apstiprināta arī Lētīžas upē. Lai gan citviet dabas aizsardzības plāna izstrādes laikā suga netika konstatēta, tomēr arī dabas liegumā ietilpstošie Dzeldas, Lēnas un Šķerveļa posmi uzskatāmi par šai sugai potenciāli piemērotiem.</p> <p>Biezajai perlamutrenei piemērotā dzīvotne teritorijā ir ES nozīmes biotops 3260 <i>Upju straujteces un dabiski upju</i> posmi, kas dabas liegumā aizņem 67,82 ha, no tiem 47 ha novērtēti kā biežās perlamutrenes dzīvotne (DU, 2020).</p> |

| Lauks                   | Paskaidrojums  |
|-------------------------|--|
| <b>CV_USE</b>           | <p>156,5 ind. – ģeometriskais vidējais starp <i>popmin</i> (70 ind.) un <i>popmax</i> (350 ind.) (populācijas vērtējuma dati no dabas aizsardzības plāna (DU, 2020), jaunākie pieejamie dati.</p> <p>Natura 2000 datu bāzes standarta datu formā norādītais populācijas lielums ir min. 10, max. 1900 ind. Šajā vērtējumā pieņemts lēmums izmantot jaunākos pieejamos datus no dabas aizsardzības plāna (DU, 2020), kas balstīti relatīvi nesenā lauka izpētē.</p>   |
| <b>Unit_CV</b>          | Indivīds   |
| <b>Habitat</b>          | Annex I viens  |
| <b>Annex I</b>          | 3260   |
| <b>Annex I_area_USE</b> | 47 ha – aprēķiniem izmantota biežās perlamutrenes dzīvotnes platība, kas norādīta dabas aizsardzības plānā (DU, 2020).   |
| <b>Other_area_USE</b>   | Na   |
| <b>OK_DEN</b>           | Šajā Natura 2000 vietā blīvums novērtēts kā nepietiekams (skat. pamatojumu zemāk).   |
| <b>OPT_DEN</b>          | <p>Tabula zemāk parāda gliemeņu blīvuma rādītāju (gliemenes/ha) 33 Natura 2000 teritorijās, kurās reģistrēta biežā perlamutrene.</p> <p>Blīvuma datu analīzē tika identificētas sekojošas (nosacītas) blīvumu zonas: augsts blīvums (8470,3 gliemenes/ha un vairāk), vidēji augsts (1259–5600 gliemenes/ha) un zems (acīmredzami nepietiekams) – mazāk nekā 1259 gliemenes/ha). Lai atvieglotu aprēķinus, par optimālā blīvuma vērtību, definēta “apaļā” vērtība – 6000 gliemenes/ha (sarkanā līnija tabulā zemāk), kas ir arbitrārs noapaļojums uz augšu no vidējās sadalījuma grupas, ņemot vērā sugas un tās dzīvotņu – mazo upju – aizsardzības stāvokli, eksperta pieredzi un arī to, ko var sasniegt Latvijas apstākļos.</p> |

| Lauks     | Paskaidrojums   |                           |                        |             |             |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|-----------|---|---------------------------|------------------------|-------------|-------------|---------|-----------|--------------------------|---|---|-----|-----------|----------------|---|---|-----|-----------|---------------|---|-------|-----|-----------|---------|---|------|-----|-----------|---------------------------|-----|----|-----|-----------|-------------|-------|------|-----|-----------|--------------------|-----|----|------|-----------|--------|----|------|------|-----------|---------------|----|---|------|-----------|--------------------------|-----|------|------|-----------|------------|----|------|-------|-----------|-----------------|------|------|-------|-----------|---------------|------|------|-------|-----------|----------------|-------|------|-------|-----------|----------------|------|-----|-------|-----------|------|------|----|-------|-----------|-------|------|------|-------|-----------|---------------------------|-------|------|-------|-----------|----------------|------|-----|-------|-----------|---------------------|------|-----|--------|-----------|----------------|-------|------|--------|-----------|----------------|--------|--------|--------|-----------|-------|-------|-------|--------|-----------|--------------|-------|-----|--------|-----------|---------|-----|-----|--------|-----------|----------|-------|-----|--------|-----------|-----------|-------|------|--------|-----------|----------------|-------|-----|--------|-----------|--------------|--------|----|---------|-----------|-------------|--------|------|---------|-----------|-------|-----|------|---------|-----------|--------------------------|---------|------|---------|-----------|-------------|-------|-----|---------|
|           | Pēc FRV un CO summas salīdzināšanas un konstatētās nesakritības, tika nolemts pazemināt optimālo blīvumu no 6000 ģp./ha līdz 3763 ģp./ha. Apsvērumi izklāstīti projekta gala atskaitē (20. lpp.). Izmaiņas veiktas aprēķinos CO darba tabulā, bet nav atspoguļotas tabulā zemāk.  |                           |                        |             |             |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | <table><tr><th>Kods</th><th>Natura 2000 teritorija</th><th>CV_USE</th><th>Annex I_USE</th><th>Blīvums</th></tr><tr><td>LV0523100</td><td>Lielupes palienes pļavas</td><td>0</td><td>0</td><td>0,0</td></tr><tr><td>LV0507800</td><td>Liepājas ezers</td><td>0</td><td>0</td><td>0,0</td></tr><tr><td>LV0535400</td><td>Rūjas paliene</td><td>0</td><td>17,48</td><td>0,0</td></tr><tr><td>LV0300700</td><td>Tērvete</td><td>0</td><td>1,63</td><td>0,0</td></tr><tr><td>LV0507200</td><td>Ventas un Šķerveļa ieleja</td><td>157</td><td>47</td><td>3,3</td></tr><tr><td>LV0600400</td><td>Augšdaugava</td><td>10000</td><td>1560</td><td>6,4</td></tr><tr><td>LV0305100</td><td>Aiviekstes paliene</td><td>346</td><td>23</td><td>15,0</td></tr><tr><td>LV0524100</td><td>Mežole</td><td>57</td><td>2,78</td><td>20,5</td></tr><tr><td>LV0415600</td><td>Zaņas lejtece</td><td>70</td><td>3</td><td>23,3</td></tr><tr><td>LV0200200</td><td>Ķemeru Nacionālais parks</td><td>758</td><td>8,83</td><td>85,8</td></tr><tr><td>LV0523200</td><td>Ukru gārša</td><td>63</td><td>0,48</td><td>131,3</td></tr><tr><td>LV0528800</td><td>Mugurves pļavas</td><td>2924</td><td>12,6</td><td>232,1</td></tr><tr><td>LV0507100</td><td>Ventas ieleja</td><td>3200</td><td>10,8</td><td>296,3</td></tr><tr><td>LV0302200</td><td>Salacas ieleja</td><td>14142</td><td>32,8</td><td>431,2</td></tr><tr><td>LV0524500</td><td>Ruņupes ieleja</td><td>2900</td><td>5,8</td><td>500,0</td></tr><tr><td>LV0304200</td><td>Kuja</td><td>7750</td><td>15</td><td>516,7</td></tr><tr><td>LV0528100</td><td>Šepka</td><td>2450</td><td>4,55</td><td>538,5</td></tr><tr><td>LV0532000</td><td>Sitas un Pededzes paliene</td><td>10000</td><td>11,4</td><td>877,2</td></tr><tr><td>LV0530500</td><td>Vitrupe ieleja</td><td>5831</td><td>6,2</td><td>940,5</td></tr><tr><td>LV0523400</td><td>Ances purvi un meži</td><td>1889</td><td>1,5</td><td>1259,3</td></tr><tr><td>LV0302100</td><td>Abavas senleja</td><td>54083</td><td>23,9</td><td>2262,9</td></tr><tr><td>LV0536600</td><td>Lubāna mitrājs</td><td>300678</td><td>110,42</td><td>2723,0</td></tr><tr><td>LV0528000</td><td>Rauza</td><td>72664</td><td>19,31</td><td>3763,0</td></tr><tr><td>LV0531300</td><td>Pāces pļavas</td><td>15420</td><td>3,5</td><td>4405,7</td></tr><tr><td>LV0301100</td><td>Riežupe</td><td>537</td><td>0,1</td><td>5370,0</td></tr><tr><td>LV0525900</td><td>Jaunanna</td><td>14000</td><td>2,5</td><td>5600,0</td></tr><tr><td>LV0528200</td><td>Launkalne</td><td>37947</td><td>4,48</td><td>8470,3</td></tr><tr><td>LV0514200</td><td>Raķupes ieleja</td><td>68454</td><td>7,8</td><td>8776,2</td></tr><tr><td>LV0304500</td><td>Ogres ieleja</td><td>258600</td><td>25</td><td>10344,0</td></tr><tr><td>LV0600700</td><td>Ziemeļgauja</td><td>118321</td><td>9,18</td><td>12889,0</td></tr><tr><td>LV0304900</td><td>Vilce</td><td>411</td><td>0,03</td><td>13700,0</td></tr><tr><td>LV0200100</td><td>Gaujas Nacionālais parks</td><td>1312626</td><td>83,6</td><td>15701,2</td></tr><tr><td>LV0304800</td><td>Vecumu meži</td><td>84852</td><td>1,5</td><td>56568,0</td></tr></table> | Kods                      | Natura 2000 teritorija | CV_USE      | Annex I_USE | Blīvums | LV0523100 | Lielupes palienes pļavas | 0 | 0 | 0,0 | LV0507800 | Liepājas ezers | 0 | 0 | 0,0 | LV0535400 | Rūjas paliene | 0 | 17,48 | 0,0 | LV0300700 | Tērvete | 0 | 1,63 | 0,0 | LV0507200 | Ventas un Šķerveļa ieleja | 157 | 47 | 3,3 | LV0600400 | Augšdaugava | 10000 | 1560 | 6,4 | LV0305100 | Aiviekstes paliene | 346 | 23 | 15,0 | LV0524100 | Mežole | 57 | 2,78 | 20,5 | LV0415600 | Zaņas lejtece | 70 | 3 | 23,3 | LV0200200 | Ķemeru Nacionālais parks | 758 | 8,83 | 85,8 | LV0523200 | Ukru gārša | 63 | 0,48 | 131,3 | LV0528800 | Mugurves pļavas | 2924 | 12,6 | 232,1 | LV0507100 | Ventas ieleja | 3200 | 10,8 | 296,3 | LV0302200 | Salacas ieleja | 14142 | 32,8 | 431,2 | LV0524500 | Ruņupes ieleja | 2900 | 5,8 | 500,0 | LV0304200 | Kuja | 7750 | 15 | 516,7 | LV0528100 | Šepka | 2450 | 4,55 | 538,5 | LV0532000 | Sitas un Pededzes paliene | 10000 | 11,4 | 877,2 | LV0530500 | Vitrupe ieleja | 5831 | 6,2 | 940,5 | LV0523400 | Ances purvi un meži | 1889 | 1,5 | 1259,3 | LV0302100 | Abavas senleja | 54083 | 23,9 | 2262,9 | LV0536600 | Lubāna mitrājs | 300678 | 110,42 | 2723,0 | LV0528000 | Rauza | 72664 | 19,31 | 3763,0 | LV0531300 | Pāces pļavas | 15420 | 3,5 | 4405,7 | LV0301100 | Riežupe | 537 | 0,1 | 5370,0 | LV0525900 | Jaunanna | 14000 | 2,5 | 5600,0 | LV0528200 | Launkalne | 37947 | 4,48 | 8470,3 | LV0514200 | Raķupes ieleja | 68454 | 7,8 | 8776,2 | LV0304500 | Ogres ieleja | 258600 | 25 | 10344,0 | LV0600700 | Ziemeļgauja | 118321 | 9,18 | 12889,0 | LV0304900 | Vilce | 411 | 0,03 | 13700,0 | LV0200100 | Gaujas Nacionālais parks | 1312626 | 83,6 | 15701,2 | LV0304800 | Vecumu meži | 84852 | 1,5 | 56568,0 |
|           | Kods  | Natura 2000 teritorija    | CV_USE                 | Annex I_USE | Blīvums     |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0523100   | Lielupes palienes pļavas  | 0                      | 0           | 0,0         |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0507800   | Liepājas ezers            | 0                      | 0           | 0,0         |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0535400   | Rūjas paliene             | 0                      | 17,48       | 0,0         |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0300700   | Tērvete                   | 0                      | 1,63        | 0,0         |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0507200   | Ventas un Šķerveļa ieleja | 157                    | 47          | 3,3         |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0600400   | Augšdaugava               | 10000                  | 1560        | 6,4         |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0305100   | Aiviekstes paliene        | 346                    | 23          | 15,0        |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0524100   | Mežole                    | 57                     | 2,78        | 20,5        |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0415600   | Zaņas lejtece             | 70                     | 3           | 23,3        |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0200200   | Ķemeru Nacionālais parks  | 758                    | 8,83        | 85,8        |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0523200   | Ukru gārša                | 63                     | 0,48        | 131,3       |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0528800   | Mugurves pļavas           | 2924                   | 12,6        | 232,1       |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0507100   | Ventas ieleja             | 3200                   | 10,8        | 296,3       |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0302200   | Salacas ieleja            | 14142                  | 32,8        | 431,2       |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0524500   | Ruņupes ieleja            | 2900                   | 5,8         | 500,0       |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0304200   | Kuja                      | 7750                   | 15          | 516,7       |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0528100   | Šepka                     | 2450                   | 4,55        | 538,5       |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0532000   | Sitas un Pededzes paliene | 10000                  | 11,4        | 877,2       |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0530500   | Vitrupe ieleja            | 5831                   | 6,2         | 940,5       |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0523400   | Ances purvi un meži       | 1889                   | 1,5         | 1259,3      |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0302100   | Abavas senleja            | 54083                  | 23,9        | 2262,9      |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0536600   | Lubāna mitrājs            | 300678                 | 110,42      | 2723,0      |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0528000   | Rauza                     | 72664                  | 19,31       | 3763,0      |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0531300   | Pāces pļavas              | 15420                  | 3,5         | 4405,7      |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0301100   | Riežupe                   | 537                    | 0,1         | 5370,0      |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0525900   | Jaunanna                  | 14000                  | 2,5         | 5600,0      |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0528200   | Launkalne                 | 37947                  | 4,48        | 8470,3      |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0514200   | Raķupes ieleja            | 68454                  | 7,8         | 8776,2      |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0304500   | Ogres ieleja              | 258600                 | 25          | 10344,0     |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
|           | LV0600700   | Ziemeļgauja               | 118321                 | 9,18        | 12889,0     |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
| LV0304900 | Vilce   | 411                       | 0,03                   | 13700,0     |             |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
| LV0200100 | Gaujas Nacionālais parks  | 1312626                   | 83,6                   | 15701,2     |             |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
| LV0304800 | Vecumu meži   | 84852                     | 1,5                    | 56568,0     |             |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
| OK_NEW    | Na  |                           |                        |             |             |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
| AREA_NEW  | Na  |                           |                        |             |             |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
| OK_INT    | Na  |                           |                        |             |             |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |
| IND_INT   | Na  |                           |                        |             |             |         |           |                          |   |   |     |           |                |   |   |     |           |               |   |       |     |           |         |   |      |     |           |                           |     |    |     |           |             |       |      |     |           |                    |     |    |      |           |        |    |      |      |           |               |    |   |      |           |                          |     |      |      |           |            |    |      |       |           |                 |      |      |       |           |               |      |      |       |           |                |       |      |       |           |                |      |     |       |           |      |      |    |       |           |       |      |      |       |           |                           |       |      |       |           |                |      |     |       |           |                     |      |     |        |           |                |       |      |        |           |                |        |        |        |           |       |       |       |        |           |              |       |     |        |           |         |     |     |        |           |          |       |     |        |           |           |       |      |        |           |                |       |     |        |           |              |        |    |         |           |             |        |      |         |           |       |     |      |         |           |                          |         |      |         |           |             |       |     |         |

| Lauks               | Paskaidrojums |
|---------------------|---------------|
| Papildus nosacījumi |               |
| Cits lauks          |               |

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