

## Progress Summary of Ecological Representation (Natural Landscape Types) by Natural Region and Subregion within Protected Areas in Alberta

updated: July 4, 2018

| Natural Region  | Subregion              | Subregion size (km <sup>2</sup> ) | Total # Parks and Protected Areas | Total Area in Parks and Protected Areas (km <sup>2</sup> ) | Representation Targets      |  |                          | PROGRESS <sup>1</sup>              |            |                                |                                    |   |              |
|-----------------|------------------------|-----------------------------------|-----------------------------------|--|-----------------------------|--|--------------------------|------------------------------------|------------|--------------------------------|------------------------------------|---|--------------|
|                 |                        |                                   |                                   |  | # Natural Landscape Targets | Total Area of Targets (km <sup>2</sup> ) | Target as % of Subregion | # Representation Targets Completed | # Gaps     | # Protected Areas Contributing | Average % Progress Towards Targets | % of Subregion in IUCN /CARTS Protected Areas |              |
| Rocky Mountains | Montane                | 8,768                             | 84                                | 2,647  | 9                           | 410                                      | 5%                       | 7                                  | 2          | 33                             | 88%                                | 30.0%   |              |
|                 | Subalpine              | 25,218                            | 53                                | 14,068   | 8                           | 1,241                                    | 5%                       | 8                                  | 0          | 33                             | 100%                               | 55.8%   |              |
|                 | Alpine                 | 15,084                            | 22                                | 12,862   | 5                           | 751                                      | 5%                       | 5                                  | 0          | 22                             | 100%                               | 85.3%   |              |
|                 | <b>Subtotal</b>        | <b>49,070</b>                     |                                   | <b>29,577</b>  | <b>22</b>                   | <b>2,403</b>                             | <b>5%</b>                | <b>20</b>                          | <b>2</b>   |                                |                                    |   | <b>60.2%</b> |
| Foothills       | Lower Foothills        | 44,899                            | 58                                | 339  | 14                          | 2,227                                    | 5%                       | 1                                  | 13         | 24                             | 31%                                | 0.7%  |              |
|                 | Upper Foothills        | 21,537                            | 54                                | 605  | 11                          | 1,056                                    | 5%                       | 3                                  | 8          | 20                             | 56%                                | 2.7%  |              |
|                 | <b>Subtotal</b>        | <b>66,436</b>                     |                                   | <b>944</b>   | <b>25</b>                   | <b>3,284</b>                             | <b>5%</b>                | <b>4</b>                           | <b>21</b>  |                                |                                    |   | <b>1.4%</b>  |
| Grassland       | Mixedgrass             | 20,072                            | 13                                | 205  | 11                          | 984                                      | 5%                       | 0                                  | 11         | 4                              | 15%                                | 0.9%  |              |
|                 | Northern Fescue        | 14,933                            | 10                                | 200  | 12                          | 731                                      | 5%                       | 1                                  | 11         | 6                              | 20%                                | 1.3%  |              |
|                 | Foothills Fescue       | 13,623                            | 13                                | 83   | 9                           | 658                                      | 5%                       | 0                                  | 9          | 5                              | 8%                                 | 0.4%  |              |
|                 | Dry Mixedgrass         | 46,937                            | 12                                | 769  | 11                          | 2,326                                    | 5%                       | 2                                  | 9          | 9                              | 36%                                | 1.6%  |              |
|                 | <b>Subtotal</b>        | <b>95,565</b>                     |                                   | <b>1,257</b>   | <b>43</b>                   | <b>4,699</b>                             | <b>5%</b>                | <b>3</b>                           | <b>40</b>  |                                |                                    |   | <b>1.25%</b> |
| Parkland        | Central Parkland       | 53,706                            | 31                                | 467  | 13                          | 2,678                                    | 5%                       | 2                                  | 11         | 23                             | 30%                                | 0.9%  |              |
|                 | Foothills Parkland     | 3,921                             | 14                                | 82   | 7                           | 198                                      | 5%                       | 1                                  | 6          | 12                             | 40%                                | 2.1%  |              |
|                 | Peace River Parkland   | 3,120                             | 5                                 | 21   | 8                           | 162                                      | 5%                       | 0                                  | 8          | 5                              | 27%                                | 0.7%  |              |
|                 | <b>Subtotal</b>        | <b>60,747</b>                     |                                   | <b>570</b>   | <b>28</b>                   | <b>3,038</b>                             | <b>5%</b>                | <b>3</b>                           | <b>25</b>  |                                |                                    |   | <b>0.9%</b>  |
| Boreal Forest   | Central Mixedwood      | 167,856                           | 63                                | 22,316   | 13                          | 8,355                                    | 5%                       | 11                                 | 2          | 44                             | 93%                                | 13.3%   |              |
|                 | Dry Mixedwood          | 82,321                            | 97                                | 1,372  | 13                          | 4,203                                    | 5%                       | 1                                  | 12         | 65                             | 38%                                | 1.5%  |              |
|                 | Northern Mixedwood     | 29,513                            | 3                                 | 13,236   | 10                          | 1,464                                    | 5%                       | 9                                  | 1          | 3                              | 90%                                | 44.8%   |              |
|                 | Lower Boreal Highlands | 55,615                            | 16                                | 4,607  | 10                          | 2,742                                    | 5%                       | 7                                  | 3          | 8                              | 89%                                | 8.3%  |              |
|                 | Upper Boreal Highlands | 11,858                            | 5                                 | 2,090  | 9                           | 588                                      | 5%                       | 7                                  | 2          | 4                              | 80%                                | 17.6%   |              |
|                 | Peace-Athabasca Delta  | 5,535                             | 3                                 | 5,193  | 5                           | 256                                      | 5%                       | 5                                  | 0          | 3                              | 100%                               | 93.8%   |              |
|                 | Boreal Subarctic       | 11,823                            | 2                                 | 5,838  | 9                           | 587                                      | 5%                       | 8                                  | 1          | 2                              | 91%                                | 49.4%   |              |
|                 | Athabasca Plain        | 13,525                            | 7                                 | 3,733  | 10                          | 669                                      | 5%                       | 10                                 | 0          | 7                              | 100%                               | 27.6%   |              |
| <b>Subtotal</b> | <b>378,046</b>         |                                   | <b>58,384</b>                     | <b>79</b>  | <b>18,863</b>               | <b>5%</b>                                | <b>58</b>                | <b>21</b>                          |            |                                |                                    | <b>15.4%</b>                                  |              |
| Canadian Shield | Kazan Uplands          | 9,719                             | 5                                 | 7,130  | 7                           | 481                                      | 5%                       | 7                                  | 0          | 5                              | 100%                               | 73.4%   |              |
|                 | <b>Subtotal</b>        | <b>9,719</b>                      |                                   | <b>7,130</b>   | <b>7</b>                    | <b>481</b>                               | <b>5%</b>                | <b>7</b>                           | <b>0</b>   |                                |                                    | <b>73.4%</b>                                  |              |
| <b>ALL</b>      | <b>TOTAL</b>           | <b>659,583</b>                    |                                   | <b>97,863</b>  | <b>204</b>                  | <b>32,767</b>                            |                          | <b>95</b>                          | <b>109</b> |                                |                                    |   | <b>14.6%</b> |

<sup>1</sup> - only those sites in Alberta meeting the IUCN definition of "protected area" and reported to the Canadian Conservation Areas Reporting and Tracking System (CARTS) are measured against targets (note that all governance types (ie. federal, provincial, municipal, private, community or Indigenous) are included)

<sup>2</sup> - Target 1 of the Canadian Biodiversity 2020 Targets and Aichi Target 11 under the UN Convention on Biological Diversity (CBD) stipulates a target of ensuring at least 17% in terrestrial networks by 2020