**Supplement 2**

The Rospuda mire: photographic records (2009 and 2016) of vegetation in the same sampling plots within distinct vegetation types along Transects I–V. For each transect, the series starts at the mire margin and ends by the river.

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| **Transect I** | |
| 2009 | 2016 |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\I\IMG_1243.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda\transekt 1 od Marleny\zdjecie trzecie od rzeki\20160628_143649.jpg |
| alder spring fen woodland | |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\I\IMG_1235.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda\transekt 1 od Marleny\zdjecie drugie od rzeki\20160628_142913.jpg |
| brown moss - small sedge fen | |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\I\IMG_1230.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda\transekt 1 od Marleny\zdj pierwsze od rzeki\20160628_131800.jpg |
| inundated alder woodland | |

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| **Transect II** | |
| 2009 | 2016 |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\II\IMG_1063.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 2\IMG_0588.JPG |
| alder spring fen woodland | |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\II\IMG_1076.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 2\IMG_0583.JPG |
| brown moss - small sedge fen | |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\II\IMG_1093.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 2\IMG_0579.JPG |
| *Sphagnum*- small sedge fen | |

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| **Transect II** (continued) | |
| 2009 | 2016 |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\II\IMG_1098.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 2\IMG_0574.JPG |
| brown moss - tall sedge fen | |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\II\IMG_1101.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 2\IMG_0568.JPG |
| tall sedge - reed fen | |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\II\IMG_1107.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 2\IMG_0564.JPG |
| inundated alder woodland | |

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| **Transect IIb** | |
| 2009 | 2016 |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\IIBIS\IMG_0985.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 2 bis\IMG_0656.JPG |
| brown moss - small sedge fen | |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\IIBIS\IMG_0990.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 2 bis\IMG_0655.JPG |
| pine - birch fen woodland and shrubland | |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\IIBIS\IMG_1000.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 2 bis\IMG_0651.JPG |
| inundated alder woodland | |

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| **Transect III** | |
| 2009 | 2016 |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\III\IMG_1174.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 3\IMG_0605.JPG |
| spruce fen woodland | |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\III\IMG_1170.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 3\IMG_0609.JPG |
| brown moss - small sedge fen | |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\III\IMG_1166.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 3\IMG_0616.JPG |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\III\IMG_1164.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 3\IMG_0614.JPG |
| *Sphagnum*- small sedge fen | |

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| **Transect III (continued)** | |
| 2009 | 2016 |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\III\IMG_1158.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 3\IMG_0624.JPG |
| brown moss - small sedge fen | |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\III\IMG_1145.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 3\IMG_0625.JPG |
| brown moss - tall sedge fen | |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\III\IMG_1153.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 3\IMG_0628.JPG |
| tall sedge - reed fen | |

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| **Transect IV** | |
| 2009 | 2016 |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\IV\IMG_1042.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 4\IMG_0630.JPG |
| pine - birch fen woodland and shrubland | |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\IV\IMG_1048.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 4\IMG_0638.JPG |
| brown moss - small sedge fen | |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\IV\IMG_1057.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 4\IMG_0640.JPG |
| brown moss - tall sedge fen | |

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| **Transect V** | |
| 2009 | 2016 |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\V\IMG_1022.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 5\IMG_0600.JPG |
| spruce fen woodland | |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\V\IMG_1028.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 5\IMG_0594.JPG |
| alder spring fen woodland | |
| C:\Users\Ewa\Desktop\rospuda\Rospuda transekty wrzesien 2009\V\IMG_1029.jpg | C:\Users\Ewa\Desktop\rospuda\zdjecia Rospuda lipiec 2016\transekt 5\IMG_0598.JPG |
| tall sedge - reed fen | |