PATTERNED FEN ECOSYSTEM ELEMENT OCCURRENCE RANKING FORM

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| **Site Name:** |  | **Survey Area:** |  |
| **Quad name:** |  | **Quad code:** |  |
| **County:** |  | **Town:** |  |

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| **Surveyors:** | Occurrence Number: |
| **EO Type:**  New EO  Update to Existing EO  Not EO Quality | Date: |
| **Peatland Type:**  Patterned Fen (Ribbed Fen, D&A type 5)  Other peatland associated with patterned fen | Sourcecode: |
| Notes: | |

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| **MAPPING** |
| **Mapped Polygon:**  **New** EO; new polygon  Existing EO; polygon **OK as is**   Existing EO; polygon **improved** |
| **Locational Uncertainty**:  Areal delimited  Mapped to within 12.5 m of actual location  Greater uncertainty \_\_\_\_\_\_\_\_ m / ft / km / miles |
| **Confidence Extent**:  Confident full extent of feature **IS** known  Confident full extent is **NOT** known  **Uncertain** if full extent is known |

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| **GENERAL DESCRIPTION** | |
| **Distinctness of the Patterning:**  Comments**:** | Rate the Distinctness of the Patterning  1 = Excellent; striking patterning with well-developed or anastomosing features  2 = Fair to good  3 = Poor, patterning not distinct |
| **Characteristics of Patterning:** (check all that apply)  Well-defined ribbing; strings rise at least 40 cm above bottoms of flarks  or the standing water in the flarks  Some strings and flarks greater than 100 meters long  Evidence of pattern formation or deterioration | Rate the Characteristics of Patterning:  1 = Two or more characteristics checked; Excellent  2 = One characteristic checked; Fair to Good  3 = No characteristics checked; Poor |
| Comments: | |
| **Extent of Ribbed Area:**  Ribbed acreage:  Total peatland acreage**:** | Rate the Extent of Ribbed Area:  1 = >35 acres  2 = 15-35 acres  3 = <15 acres |
| Comments: | |
| **Diversity of Vegetation Types:** (Use 2018 MNAP Landscapes of Maine)  List Vegetation Types: | Rate the Diversity of Vegetation Types:  1 = 8 or more types  2 = 4-7 types  3 = 1-3 types |
| Comments: |  |
| **Other Characteristics:** (Check all that apply)  at edge of range for ribbed fens (South of latitude 45º 45’)  unusually high species richness (50+ vascular species OR 80+ vascular + bryophyte species)  part of a multiple-unit peatland of at least 200 acres | Rate Other Characteristics:  1 = Two or more other characteristics; Excellent  2 = One other characteristic; Fair to Good  3 = No other characteristic; Poor |
| Comments: |  |

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| **LANDOWNER INFORMATION** | | |
| Landowner name/address for entire ecosystem (attach additional owner information on a separate sheet): | Phone: | Comments: |
| Tax map #: |
| Lot #: |

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| **ECOSYSTEM RANK** |
| 1. **QUALITY** based on the ratings for the above general description criteria.   **Quality Rank:**  **A –**  At least one 1 (and no 3’s) in the distinctness and characteristics of patterning criteria **AND** all 1’s or 2’s in all other criteria (extent, diversity, and other)  **B –** Two 2’s in the distinctness and characteristics of patterning criteria **AND** ‘1’s or 2’s in all other criteria (extent, diversity, and other) **OR** at least one 1 in distinctness and characteristics of patterning **AND** at least one 3 in all other criteria (extent, diversity, and other) (*fails the criteria for the AND portion for the A rank*)  **C –**  Two 2’s in the distinctness and characteristics of patterning criteria **OR** at least one 1 or two 2’s in all other criteria (extent, diversity, and other)  **D. –**  All criteria rated at 3’s  **Rank Comments**: |
| 1. **CURRENT CONDITION** of area **within** the ecosystem.   **Condition Rank:**  **A** – No apparent signs of human disturbance (or long enough ago that effects are no longer visible or are extremely minor); community well-developed  **B** – Some signs of human disturbance or degradation, but peatland generally intact  **C** – Signs of human disturbance or degradation, and peatland compromised in some significant way  **D** – Highly disturbed (multiple impacts causing peatland to be drastically altered)  **Rank Comments**: |
| 1. **SIZE** of the ecosystem.   What is the approximate size of the peatland occurrence? \_\_ \_  ac /  ha /  sq mi  Covers the natural extent of this ecosystem type  Has been truncated through adjacent land use  **Size Rank**  **A** – Excellent  **B** – Good  **C** – Fair  **D** – Poor  **Rank Comments**: |
| 1. **LANDSCAPE CONTEXT** of area **surrounding** the ecosystem.   **Landscape Context Rank**  **A** – Peatland surrounded by > = 1000 acres of undisturbed landscape  **B** – Peatland surrounded by fairly intact landscape, though there may be cuts nearby  **C** – Peatland surrounded by fragmented forest or rural landscape  **D** – Surrounding area developed  **Rank Comments**: |
| **MNAP overall peatland rank**:  **A** – Excellent  **B** – Good  **C** – Fair  **D** – Poor  **Rank Date:**  **Describe rationale** (EO rank specs in MNAP element files; general EO rank specs for forests, etc.): |