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Title: Response of plant diversity to moss, *Carex* or *Scirpus* revegetation strategies of wet depressions in restored fens

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ACCEPTED MANUSCRIPT

Response of plant diversity to moss, *Carex* or *Scirpus* revegetation strategies of wet depressions in restored fens

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Highlights

- Three revegetation strategies are tested to restore wet depressions in fens.
- Moss transfer promotes higher fen species richness and distinct plant assemblages.
- *Carex* spp. revegetation increases vascular species cover.
- Plant communities of *Scirpus validus*-revegetated depressions were similar to control.
- Combining moss transfer and *Carex* transplants should foster restoration success.

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