

## RRR Excursion 5

25.09.2025

<b>Titel of excursion</b>	Cultivation methods and diverse research on <i>Sphagnum</i> paludiculture on rewetted bogs in Lower Saxony/ NW Germany
<b>Max number of participants</b>	40
<b>Cost of excursion</b>	€100
<b>Time of departure from Greifswald</b>	06:00
<b>Estimated arrival back in Greifswald</b>	23:00
<b>Catering</b>	Packed breakfast, lunch and dinner. Drinks and cake
<b>Toilet facilities</b>	Toilets are present at the <i>Sphagnum</i> paludiculture field site in Hankhauser Moor
<b>Clothing recommendation</b>	At least sturdy shoes, better rubber boots, rain gear
<b>Excursion description</b>	<p>Two <i>Sphagnum</i> paludiculture sites on former bog grassland (~20 and 10 ha) with sub-areas at different stages of development (installed in 2024/25, 2020 or 2016) and experiments on best practice, top soil removal depth, water management (different ditch distances, subsurface irrigation), regeneration after harvest, a small scale field trial on the selection of productive provenances of 12 potential <i>Sphagnum</i> paludiculture species and field test of axenic in vitro-cultivated <i>Sphagnum</i> clones; sundew cultivation. Investigations on GHG, water quality and demand, biodiversity etc.</p> <p>Field lunch at the <i>Sphagnum</i> paludiculture site in the Hankhauser Moor</p>