

DRAGONFLIES NEW FOR THE NATURE
RESERVE ZWILLBROCKER VENN,
WESTFALIA, GERMAN FEDERAL RE-
PUBLIC

The Nature Reserve Zwillbrocker Venn, situated immediately at the Dutch border in the province of Borken, GFR, is a moorland area of about 150 ha, containing numerous peat-bogs, most of which are overgrown with *Sphagnum*. Having collected dragonflies there since 1965, I observed for the first time a male *Aeshna subarctica* Walk. on August 29, 1976, and another male on September 11, 1977. Probably these were migrating specimens, although this place offers most adequate habitat conditions.

Since 1975 I observed several *Aeshna juncea* (L.) in every year, and collected one male specimen. Both species have not been reported before from the Zwillbrocker Venn, but in 1926 both were caught some 30 km away.

In 1977 and 1978 I found three rather dense populations of *Ischnura pumilio* (Charp.), one inhabiting a eutrophicated pond just outside the Nature Reserve, the others living in the centre of the Zwillbrocker Venn at acid water bodies with *Sphagnum*, *Molinia*, *Eriophorum* and *Erica* at the water edge. For the time being this is the only known location of *I. pumilio* in the northern part of Westfalia. All previously recorded populations are extinct at least since 1976.

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