

# Content

From the authors .....	7
1. Introduction .....	9
2. Study area and methods .....	15
3. Activity of beavers and landscape changes in selected valleys of the Tuchola Forest .....	23
4. Contemporary accumulation of sediments in beaver ponds .....	37
5. Signs of beaver activity in the Holocene sediments of small river valleys .....	43
6. Holocene beaver ponds in the Goły Jon Gorge valley .....	59
6.1. Studies in the Goły Jon Gorge .....	63
6.2. Studies in the wider parts of the Gołyjonka valley .....	73
6.2.1. Sand in peat .....	73
6.2.2. Wood in peat and sand .....	77
7. Conclusions .....	85
Summary .....	89
References .....	93