

## Beavers as Water Bioengineers: Effects on the Bank Roughness in the Early Years of New Settlement in Tuscany

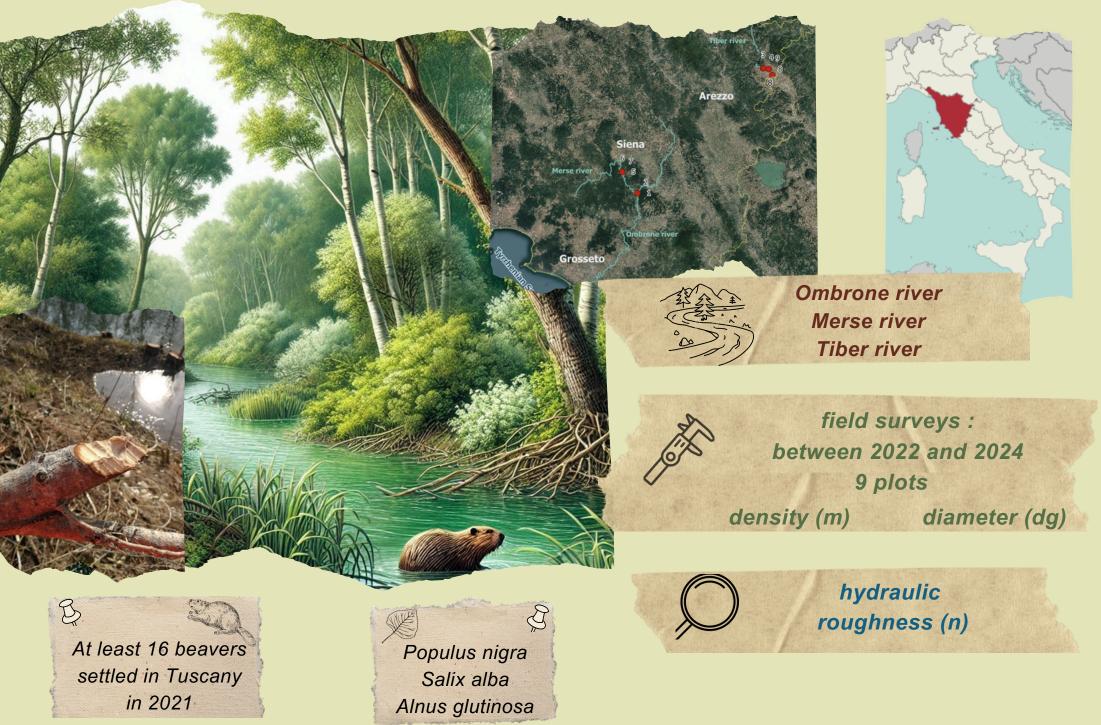


Preti F.<sup>1,2</sup>, Saracino R.<sup>1</sup>, Signorile A.<sup>1</sup>, Dani A.<sup>1</sup>, Pucci C.<sup>3</sup> and Rillo Migliorini Giovannini M.<sup>1</sup>

1 Department of Agricultural, Food, Environmental and Forestry Sciences and Technologies, University of Florence, via San Bonaventura 13, 50145, Florence, Italy.

2 Italian Association for Soil and Water Bioengineering (AIPIN-EFIB), Firenze, Italy.

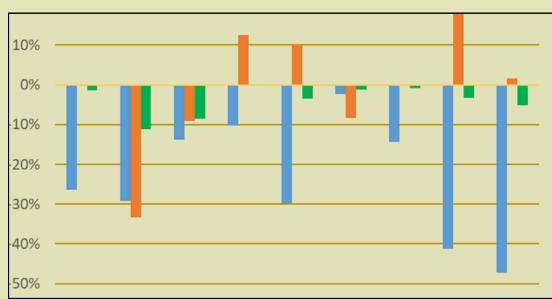
3 Free-lance wildlife technician, Loc. Pancole Castagnolino, 33 - 53037 San Gimignano - Siena, Italy.

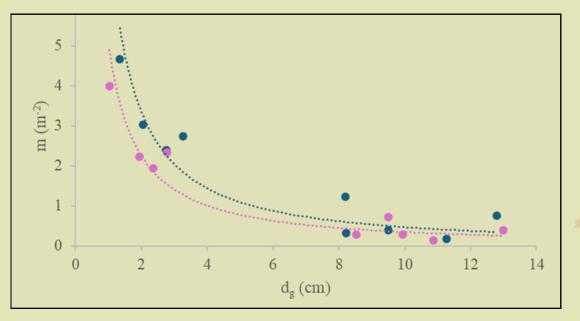


Density variation

Diameter variation

Composite roughness variation





Before beaver

After beaver