

**LESZEK AUGUSTYN**

**PSTRĄG POTOKOWY (*Salmo trutta m. fario* L.)**

**W DORZECZU POPRADU**

**CZESC. I. WPŁYW POŁOŻENIA I MORFOLOGII KORYT POTOKÓW  
GÓRSKICH NA ROZMIESZCZENIE PSTRĄGÓW POTOKOWYCH**

**BROWN TROUT (*Salmo trutta m. fario* L.)**

**IN THE POPRAD RIVER DRAINAGE AREA**

**PART I. THE IMPACT OF LOCATION AND MORPHOLOGY OF STREAM  
CHANNELS ON THE DISTRIBUTION OF BROWN TROUT IN STREAMS**

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### **ABSTRACT**

The relationship between brown trout density, length and biomass on the one hand, and the six habitat attributes on the other, was investigated in 263 sites of 25 small streams.

The distribution of brown trout depended on the distance from spring, as well as on the mean width and depth of the stream channels. The brown trout mean length depended on the distance from the spring, and its biomass depended on the stream channel slope values.