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**INTRODUKCJA RAKA SYGNAŁOWEGO,
Pacifastacus leniusculus Dana, DO WÓD POLSKI**

**THE INTRODUCTION OF THE CRAYFISH,
Pacifastacus leniusculus Dana, INTO POLISH WATERS**

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ABSTRACT

Imported from Sweden crayfishes, *Pacifastacus leniusculus* Dana after the second sloughing were raised in ponds. At the age of three, the year before the native crayfishes, they reached the length of 100 mm. The rate of growth was equal to crayfishes *Pacifastacus Leniusculus* raised in other European countries. Part of females started reproduction at the age of two. The females pausing in reproduction reached higher body length than females of the same age that laid eggs. The males were in better condition than females and at the age of 3+ were heavier above 20%. In the first year survival of breeding exceeded 50%. Imported crayfishes brought forth young.