



**Universiteit
Leiden**
The Netherlands

**Energetic requirements and
environmental constraints of reproductive
migration and maturation of European
silver eel (*Anguilla anguilla* L.)**

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Citation

Palstra, A. P. (2006, October 24). *Energetic requirements and environmental constraints of reproductive migration and maturation of European silver eel (*Anguilla anguilla* L.)*. Retrieved from <https://hdl.handle.net/1887/4926>

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Energetic requirements
and environmental constraints
of reproductive migration and maturation
of European silver eel (*Anguilla anguilla* L.)

PROEFSCHRIFT

ter verkrijging van
de graad van doctor aan de Universiteit Leiden,
op gezag van de Rector Magnificus Dr. D.D. Breimer,
hoogleraar in de faculteit der Wiskunde en
Natuurwetenschappen en die der Geneeskunde,
volgens besluit van het College voor Promoties
te verdedigen op dinsdag 24 oktober 2006
klokke 16.15 uur

door
Arjan Peter Palstra
geboren te 's-Gravenhage
in 1973

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This study was financially supported by the EU contract EELREP no Q5RS-2001-01836. The swim-tunnel set-up was funded the Technology Foundation STW-project no LB166.4199. The currently running grant is provided by the Ministry of Agriculture, Nature and Food Quality (LNV), department Fisheries. Additional support was provided by Leids Universitair Fonds (LUF). The preparation of this thesis was supported by grants of the CPO Nederlandse Vissersbond-IJsselmeer U.A., Nutreco Nederland BV, Intervet International BV and Spakenburg Paling BV.

Cover design by Maria Eugenia Clavero Teixidor

“Wetenschap is de titanische poging van het menselijk intellect
zich uit zijn kosmische isolement te verlossen door te begrijpen”
Hermans

“The works of nature are immeasurably superior to those of arts”
Darwin

“One can only understand the essence of things
when one knows their origin and development”
Heraclitos

“Nothing in biology makes sense,
except in the light of evolution”
Dobzhansky

“Altogether the whole story of the eel and its spawning
has come to read almost like a romance,
wherein reality has far exceeded the dreams of phantasy”
Schmidt

“After the riddle of the eel’s gonads,
the exploration of the human psyche and the identification of the castration complex
must have been seemed comparatively straightforward”
Fort about Freud

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Figure 3 Seasonal silver eel fisheries with fyke nets in Lake Grevelingen, The Netherlands.