

Zeitschrift: Archives des sciences et compte rendu des séances de la Société
Band: 38 (1985)
Heft: 3

Inhaltsverzeichnis

Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. [Siehe Rechtliche Hinweise.](#)

Conditions d'utilisation

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. [Voir Informations légales.](#)

Terms of use

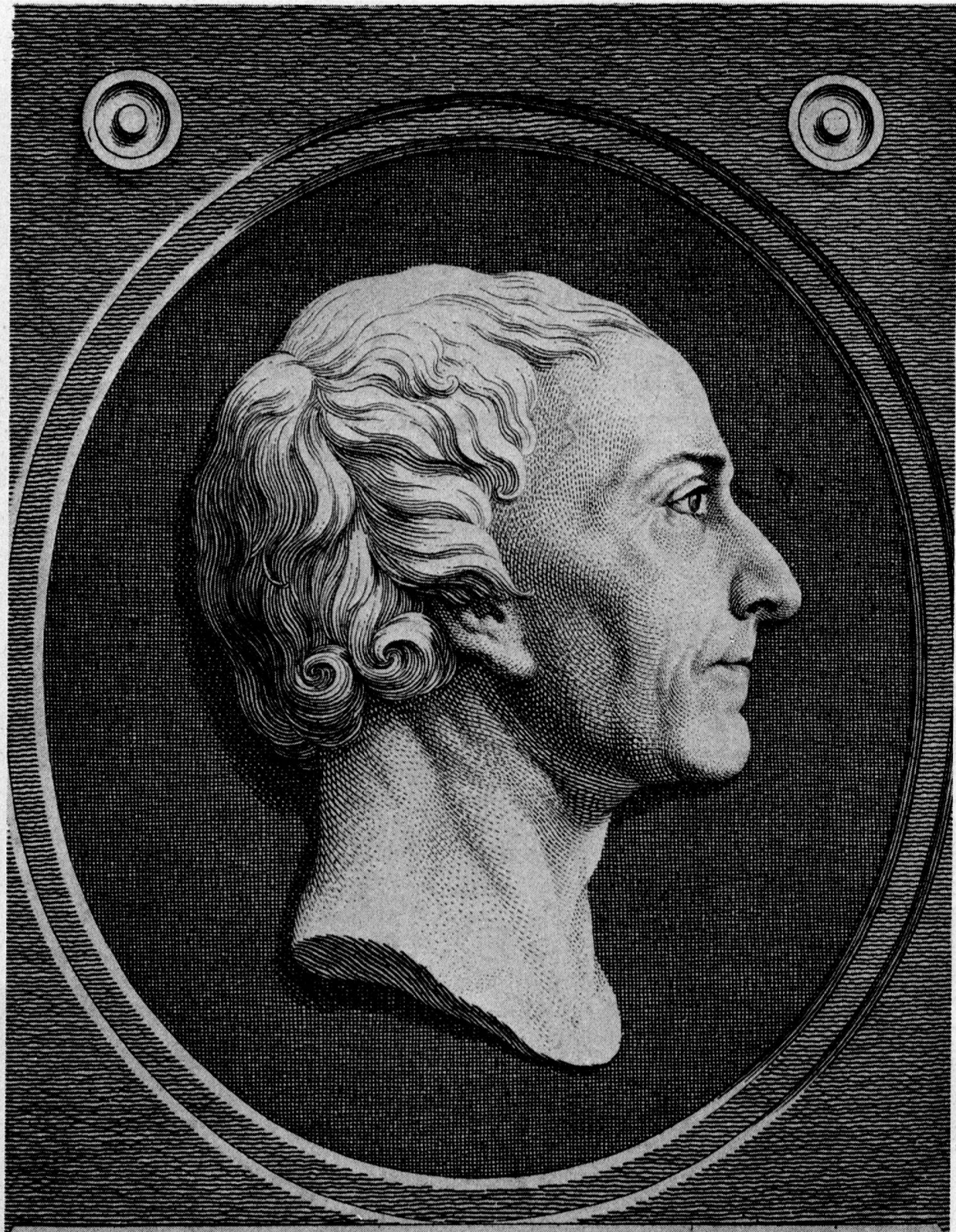
The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. [See Legal notice.](#)

Download PDF: 06.10.2024

ETH-Bibliothek Zürich, E-Periodica, <https://www.e-periodica.ch>

TABLE OF CONTENTS

	<i>Pages</i>
Introduction	
H.M. Lenhoff and P. Tardent	243
IN MEMORIAM – Dr. John R. Baker, F.R.S.	249
PART I: ABRAHAM TREMBLEY AND HIS POLYPS	
Abraham Trembley, Influences on his Life, and his Contributions to Biology	
J.R. Baker	253
The <i>Mémoires</i> of Abraham Trembley: I. The <i>Mémoires</i> in their Genre	
S.G. Lenhoff and H.M. Lenhoff	263
The <i>Mémoires</i> of Abraham Trembley: II. The <i>Mémoires</i> as a Research Monograph	
S.G. Lenhoff and H.M. Lenhoff	277
The <i>Mémoires</i> of Abraham Trembley: III. His Discoveries on Hydra and his Approaches to Biology	
H.M. Lenhoff and S.G. Lenhoff	293
The Rhetoric of Proof and Persuasion Utilized by Abraham Trembley	
M. Buscaglia	305
Trembley’s Experiment of Turning the Polyp Inside Out and the Influence of Dutch Science	
V.P. Dawson	321
Abraham Trembley’s Influence on the Development of the Aquatic Microscope	
M. Archinard	335
PART II: SOME NEW PERSPECTIVES ON TREMBLEY’S POLYPS	
Old and New Perspectives on the Behavior of Hydra	
R.K. Josephson	347
Does a Hydra Have a Mouth (when it is closed)?	
R.D. Campbell	359
The Use of Hydra for Studies of Cellular Ultrastructure and Cell Junctions	
R.L. Wood	371
Origin and Evolution of Symbiosis in Green Hydra	
M. Rahat	385
The Morphodynamics and Actions of Stenotele Nematocysts in Hydra	
P. Tardent, T. Holstein, J. Weber and M. Klug	401
Another Model of Cell Polarity: the Outgrowing Fungal Spore	
G. Turian	421
PART III: SOME NEW DIRECTIONS IN RESEARCH ON HYDRA	
Monoclonal Antibodies: A New Approach to the Study of Hydra Development	
S. Heimfeld, L.C. Javois, J.F. Dunne, C.L. Littelfield, L. Huang and H.R. Bode	431
The Mitochondrial DNA of <i>Hydra attenuata</i> and <i>Hydra littoralis</i> Consists of Two Linear Molecules	
R. Warrior and J. Gall	441
Use of Mutants and Chimeras to Explore the Gradients Underlying Pattern Formation in Hydra	
J. Achermann	449
The Head Activator, a Neuropeptide, Controls Nerve Cell Differentiation in Hydra	
C.N. David and T. Holstein	463



A. TREMBLEY

né à Genève le 3 Sept 1710

The original of the plate was published as the frontispiece of *Instructions d'un Père à ses Enfants, sur le Principe de la Vertu et du Bonheur*. By Abraham Trembley, Chirol, Geneva. 1783. (It is signed: Clemens del: & Sculps. 1778.)