

**PROCEEDINGS OF THE MEETING OF  
THE ZOOLOGICAL SOCIETY OF ISRAEL  
(SECOND SERIES, FOURTEENTH MEETING)**

Edited for the Society by the Editors of the Journal

HELD AT "ORANIM", THE SCHOOL OF EDUCATION OF THE KIBBUTZ MOVEMENT  
HAIFA UNIVERSITY, 18-19 APRIL 1976

*Sunday, 18 April*

*First Session, M. Costa presiding*

- G. Haas            A Cretaceous (Cenomanian) pleurodire turtle from the surroundings  
                         of Jerusalem (In press, *Isr. J. Zool.*)
- A. Zahavi        Parasitism among birds (No abstract)
- C. Kosswig, D.    Computerized mapping of animal distribution and of morphological  
Lavee and Y.L.    variation
- Werner
- L. Fishelson     Behaviour and reproduction in pteroid fishes of the Gulf of Elat  
                         (published in: *Pub. Stn. Zool. Napoli*, 1976, 39: 635-656).
- 201

*Second Session*

*Symposium:* The role of zoology in education and teaching (No abstracts)

*First Part, Al. Barash presiding*

- J.H. Adler        Education in biology and biology in education
- A. Amir         On biological education in secondary schools
- R. Szlep         Biological student projects in secondary schools

*Second Part, J. Kugler presiding*

- R. Lazarowitz    Biology instruction in secondary schools
- Other contributions by F.D. Por and M. Dor

*General Meeting of the Society*

*Board elected:* Y. Loya, chairman (Tel Aviv Univ.), A. Borut (Hebrew Univ.), M. Warburg (Technion), Y. Yom-Tov (Tel Aviv Univ.).

*Committee for Education elected:* A. Abulafia (Oranim), L. Fishelson (Tel Aviv Univ.), F.D. Por (Hebrew Univ.), P. Sivan (Municipal Secondary School "A" Haifa), M. Tsumamal (Hebrew Univ.), Y.L. Werner (Hebrew Univ.), D. Yaakobi (Tel Aviv Univ.)

*Third Session, Y. Loya presiding*

- Y. Yom-Tov, H.    Extension of range of the Dead Sea sparrow *Passer moabiticus* and  
Mendelssohn and its effect on breeding success
- A. Ar
- M. Tsumamal     Reproduction of the blind prawn of Galilee, *Typhlocaris galilea*
- 202  
203

*Informal Evening Session (No abstracts)*

- M. Costa Art and perception – a scientist views M.C. Escher  
 Y. Loya In the submarine habitat at Puerto Rico

*Monday, 19 April**First Session, First Section, L. Fishelson presiding*

- M. Rahat Direct development and symbiotic chloroplasts in *Elysia timida*  
 (Mollusca: Opisthobranchia) (published in: *Isr. J. Zool.*, 1976, 25:  
 186-193)
- Y. Benayahu and Y. Loya Stony corals, soft corals and algae: the main competitors for space  
 in the northern Gulf of Elat (Red Sea) 204
- E. Pomeranz and M. Tsurnamal The symbiotic association between the shrimp, *Athanas indicus*, and  
 the sea urchin, *Echinometra mathaei*, in the Gulf of Elat 204
- B. Rinkevich and Y. Loya Harmful effects of crude oil on a Red Sea coral population 205

*First Session, Second Section, Z. Yaron presiding*

- M. Betzalel, D. Rotenberg and B. Moav Changes in the chromosomal basic proteins during spermatogenesis  
 in the rat 205
- S. Goldenberg and M.R. Warburg Ontogenetic changes in response to oxytocin in two anurans  
 (Amphibia) (published as: Changes in the response to oxytocin fol-  
 lowed throughout ontogenesis in two anuran species, *Comp. Bio-  
 chem. Physiol.*, 1976, 53C:105-113.)
- P. Lazarowitz (presented by M.P. Pener) Neuro-endocrinic regulation of reproductive processes in adult  
 female African migratory locusts, *Locusta migratoria* (No abstract)
- Z. Yaron and M. Cocos Control by temperature and photoperiod of ovarian development in  
*Mirogrex terraesanctae* (Teleostei) 206

*Second Session, First Section, A. Zahavi presiding*

- R. Szlep Evolution of communicatory mechanisms in ants (No abstract)
- G. Degani and M.R. Warburg Biological and ecological studies on the salamander, *Salamandra  
 salamandra* 206
- E. Frankenberg Daily activity of geographical forms of *Ptyodactylus* (Reptilia: Gek-  
 koninae) 207
- M. Stavy, J. Terkel and U. Marder Aspects of rearing and reproduction of the hare, *Lepus europaeus  
 syriacus* 208

*Second Session, Second Section, A. Shkolnik presiding*

- A. Borut, A. Haim and M. Castel Thyroid activity and thermoregulation in golden spiny mice,  
*Acomys russatus*, from hot and cold habitats 209
- M.P. Pener Effect of photoperiod on male mating behaviour of acridids  
 (Insecta: Orthoptera) in relation to reproductive diapause 209
- R. Arieli, A. Shkolnik and A. Ar Metabolism of *Spalax ehrenbergi*, a fossorial rodent, in a simulated  
 burrow atmosphere 210