6th ANNUAL MEETING
OF SOCIETY FOR
VECTOR ECOLOGY
EUROPEAN REGION

26-31 AUGUST, 1991
GÖDÖLLÖ, HUNGARY

PROGRAMME, ABSTRACTS,
LIST OF PARTICIPANTS
THE MEETING IS ORGANIZED
BY THE HUNGARIAN SOCIETY OF PARASITOLOGISTS AND
THE UNIVERSITY OF AGRICULTURAL SCIENCES, GöDÖLLŐ

ORGANIZING COMMITTEE

Prof. Dr. László Szalay-Marzsó Chairman
University of Agricultural Sciences, Gödöllő

Dr. Judit Erőss Secretary General
Public Health and Epidemiological Station, Budapest

Dr. Norbert Becker Scientific Adviser
SOVE, Ludwigshafen, GFR

Dr. Dániel Bajomi Treasurer
Bábolna Bioenvironmental Centre, Budapest

Dr. György Bánki
Public Health and Epidemiological Station, Budapest

Prof. Dr. Tibor Kassai
University of Veterinary Science, Budapest

Dr. Éva Murai
Hungarian Natural History Museum, Budapest

Dr. László Varjas
Plant Protection Institute of the Hungarian Academy
of Sciences, Budapest

ISBN 963 7093 03 6

Edited by the
Hungarian Society of Parasitologists
H-1107 Budapest, Szállás u. 6.
Editor responsible: Dr. Dániel Bajomi

Printed in the Printing House of the
University of Veterinary Science
Budapest, 1991
6th Meeting of SOVE European Region
Gödöllő, 1991

SCIENTIFIC PROGRAMME

27 August, Tuesday

9:00 a.m.  Opening Session
Welcome and Greetings

László SZALAY-MARZSÓ, President of the Organizing Committee
James F. WEBB, President of SOVE
Christine DAHL, President of SOVE, European Region

BREAK

Chairmen:  László SZALAY-MARZSÓ and Gyula ERDŐS

11:00-11:15  CURRENT STATUS OF THE SOVE NEWSLETTER
              R. E. Fontaine

11:15-11:30  COMMUNITY PARTICIPATION AND PRACTICAL ASPECTS
              IN THE OPERATIONAL USE OF MICROBIAL CONTROL
              AGENTS IN MOSQUITO CONTROL PROGRAMMES
              N. Becker

11:30-11:45  ECOLOGICAL STUDIES ON DENQUE VECTORS IN TAIWAN
              C.S. Chen

11:45-12:00  IRIDESCENT VIRUSES AND BLACKFLIES
              T. Williams, C. Doyle, J. Cory

12:00-12:15  DATA TO LIFE-HABITS AND HUNGARIAN OCCURRENCE OF
              MANSONIA /COQUILLETTIDIA/ RICHAIRDI / FICALBI, 1899/
              S. Tóth

12:15-12:30  ALLERGENIC POLLEN CARRYING MOSQUITOES OF CALCUTTA
              S. Bhattacharya, P. Ganguly
27 August, Tuesday

Chairmen: Isabelle THIERY and György BÁNKI

2:00-2:15 p.m.
EXPERIENCES IN THE MOSQUITO CONTROL IN THE BALATON AREA
L. Szalay-Marzsó (p.13)

2:15-2:30
BREAKDOWN OF ANTI-MOSQUITO MEASURES IN KAMPALA CITY, UGANDA
A. W. Onapa, T. Pape (p.14)

2:30-2:45
TWO NEW ISOLATES WITH LARVICIDAL ACTIVITY: THE EFFECT OF INDUSTRIAL AND AGRICULTURAL WASTE MATERIAL AS CULTURAL SUPPLEMENT ON THE ACTIVITY
A. Matur (p.15)

2:45-3:00
A STUDY IN SINERGISM: BACILLUS THURINGIENSIS VAR. ISRAELIENSIS COMBINED WITH A MONOLAYER
G. M. Roberts (p.16)

3:00-3:15
EVALUATION OF PIRIMIPHOS-METHYL /ACTELIC/ FOR THE CONTROL OF ANOPHELES ARABIENSIS, SUDAN
A. H. Nugud (p.17)

3:15-3:30
EMERGENCE-TRAPS AS MEANS OF DETERMINING THE ENVIRONMENTAL IMPACT OF A BTI-APPLICATION IN THE FIELD
M. Blank (p.18)

3:30-3:45
MOSQUITO PROGRAMME AT LAKE OF BALATON BASED ON A MONITORING SYSTEM
L. Sárda (p.34)
28 August, Wednesday

Chairmen:
Norbert BECKER and Judit ERÖSS

9:00-9:15 a.m. DISTRIBUTION OF CYANOBACTERIA IN NATURAL BREEDING SITES AND THEIR INGESTIBILITY BY MOSQUITO LARVAE
I. Thiery, G. Sinegre (p.19)

9:15-9:30 COMPOSITION OF LARVAL MOSQUITO FOOD WITH SPECIAL REFERENCE TO BLUE-GREEN ALGAE/ CYANOBACTERIA/ IN SOUTHWEST GERMANY
A. Arnold, N. Becker (p.20)

9:30-9:45 HOST FEEDING PATTERN OF SOME MOSQUITOES/ DIPTERA: CULICIDAE/ COLLECTED IN ANIMAL HOUSES IN HUNGARY
J. Deszö (p.21)

9:45-10:00 A TIME-VARYING DISTRIBUTED DELAY MODEL FOR SIMULATING THE FLUCTUATIONS OF Aedes vexans/ MEIGE/ POPULATIONS
F. Fouque, V. Delucchi, J. Baumgartner (p.22)

10:00-10:15 FLUCTUATION MECHANISMS IN FLOODPLAIN FOREST MOSQUITOES
J. Vanhara (p.23)

10:15-10:30 MORPHOLOGICAL DIFFERENCES BETWEEN Culex pipiens AND Culex molestus MOSQUITO MALES
J. Olejnicek, M. Zoulova (p.24)

BREAK

Chairmen:
Christine DAHL and Ágnes KONCZ

11:00-11:15 EFFICACY OF MUSCIDIFURAX ZARATOR/ HYMENOPTERA: PTEROMALIDAE/ AGAINST FILTH FLIES ON DAIRY FARMS IN THE PO PLAIN AREA
S. Maini, R. Bellini, F. Galgano (p.25)

11:15-11:30 THE SENSITIVITY OF HOUSE FLIES IN ANIMAL BREEDING FARMS AGAINST ACTIVE INGREDIENTS USED FOR THE CONTROL OF LARVAE AND IMAGOS
L. Pap, R. Farkas, D. Bajomi (p.26)

11:30-11:45 WIDE-SPREAD COCKROACH CONTROL IN BUDAPEST
D. Bajomi, Gy. Bánki, Á. Kiss-Varga (p.27)

11:45-12:00 INSECTICIDE RESISTANCE IN WILD POPULATIONS OF THE GERMAN COCKROACH, BLATTELLA GERMANICA /DIPTOPTERA: BLATTELLIDAE/
F. Rettich, J. Ledvinka, Z. Zdimerova (p.28)

12:00-12:15 EVALUATION OF LONG TERM COCKROACH CONTROL MEASUREMENTS BY ROTATE BAIT TRAP
D. Petric, M. Zgomba, Z. Srdic, C. J. Boase (p.29)
29 August, Thursday

Chairmen: Frantisek REITICH and Dániel BAJOMI

9:00-9:15 a.m. EPIDEMIOLOGICAL ANALYSIS OF 1175 LYME BORRELIOsis CASES IN HUNGARY
A. Lakos (p.30)

9:15-9:30 MALARIA STUDIES IN ETHIOPIA
B. Ameneshewa (p.31)

9:30-9:45 MOSQUITO ECOLOGY IN SOUTHEASTERN PORTUGAL, AN AREA RECEPTIVE TO THE AFRICAN HORSE SICKNESS
H. C. Ramos, H. Ribeiro (p.32)

9:45-10:00 RELATIVE EFFICIENCY OF VARIOUS VECTORS OF DOG HEARTWORM IN SOUTHEASTERN AUSTRALIA
R. C. Russell, M. J. Geary (p.33)

10:00-10:15 CONTROL OF TICK-BORNE DISEASES THROUGH THE USE OF IMMUNISATION PROCEDURES
Y. Rechav (p.34)

10:15-10:30 ECOLOGY AND HOSTS OF RHIPICEPHALUS PUSILLUS /ACARI/ IN SPAIN
A. Estrada-Pena (p.34)

BREAK

11:00-11:15 HOW IS ESTABLISHED A SUBURBAN FOCUS OF TICKS /RHIPICEPHALUS SANGUINEUS LATREILLE, 1806/ IN A HOUSING ESTATE OF A FRENCH MEDITERRANEAN TOWN, MARSEILLES
B. Gilot, S. Diop (p.35)

11:15-11:30 EXAMINATIONS WITH DERMACEITOR MARGINATUS THE PROBABLE VECTOR OF BABESIA CANIS IN HUNGARY
Gy. Horváth, M. Janisch, Z. Sidó (p.36)
29 August, Thursday

2:00 p.m. Poster Session

IMPORTED P. FALCIPARUM MALARIA IN CHILDREN HUNGARY, 1990
K. Rapi, J. Budai (p.37)

FIELD EVALUATION OF TEKNAR TC /B.T.I./ AND ITS PRACTICAL USE AGAINST THE SNOW-MELT MOSQUITO, Aedes cantans
F. Rettich, J. Ryba, N. Becker (p.38)

SURVEY OF CYANOBACTERIA AND ALGAE FOUND IN THE DIGESTIVE SYSTEM OF LARVAE OF FOUR MOSQUITO GENERA
P. Rettich, J. Popovsky, J. Ryba (p.39)

LABORATORY STUDIES IN THE SUSCEPTIBILITY LEVEL OF ANOPHELES STEPHENSI AND CULEX PIPIENS TO LAGENIDIUM GIGANTEUM WITH NOTES ON MASS PRODUCTION OF THE FUNGUS
H. Vatan-Doost, M. Assmar, H. Zaim, N. Moazami (p.40)

SURVIVORSHIP OF IMMATURE STAGES OF ANOPHELES MESSEAE IN SUBURBAN HABITATS
N. Nikolaeva, A. Gilev (p.41)

EFFICACY OF TWO COMMERCIAL FORMULATIONS OF B.T.I. AGAINST MOSQUITO LARVAE IN SOUTHERN IRAN
M. Zaim, H. Kasiri (p.42)

RESEARCH ON MOSQUITOCIDAL BACILLI IN ROMANIA
C. Ceianu, G. Nicolescu, M. D. Ionescu, A. M. Petrescu, E. Chirila (p.43)

PHLEBOTOMUS PERNICOSUS /NEWSTEAD, 1911/ AND PHLEBOTOMUS ARIASI /TONNOIR, 1921/, SPECIES RESPONSIBLE FOR TRANSMITTING VISCERAL LEISHMANIASIS IN THE SOMONTANO FOCUS /ARAGON, SPAIN/

3:00 p.m. Round Table Open Discussion

Moderators: James F. Webb Christine Dahl Norbert Becker

Trend and prospects for Vector Ecology

4:00 p.m. Closing Session