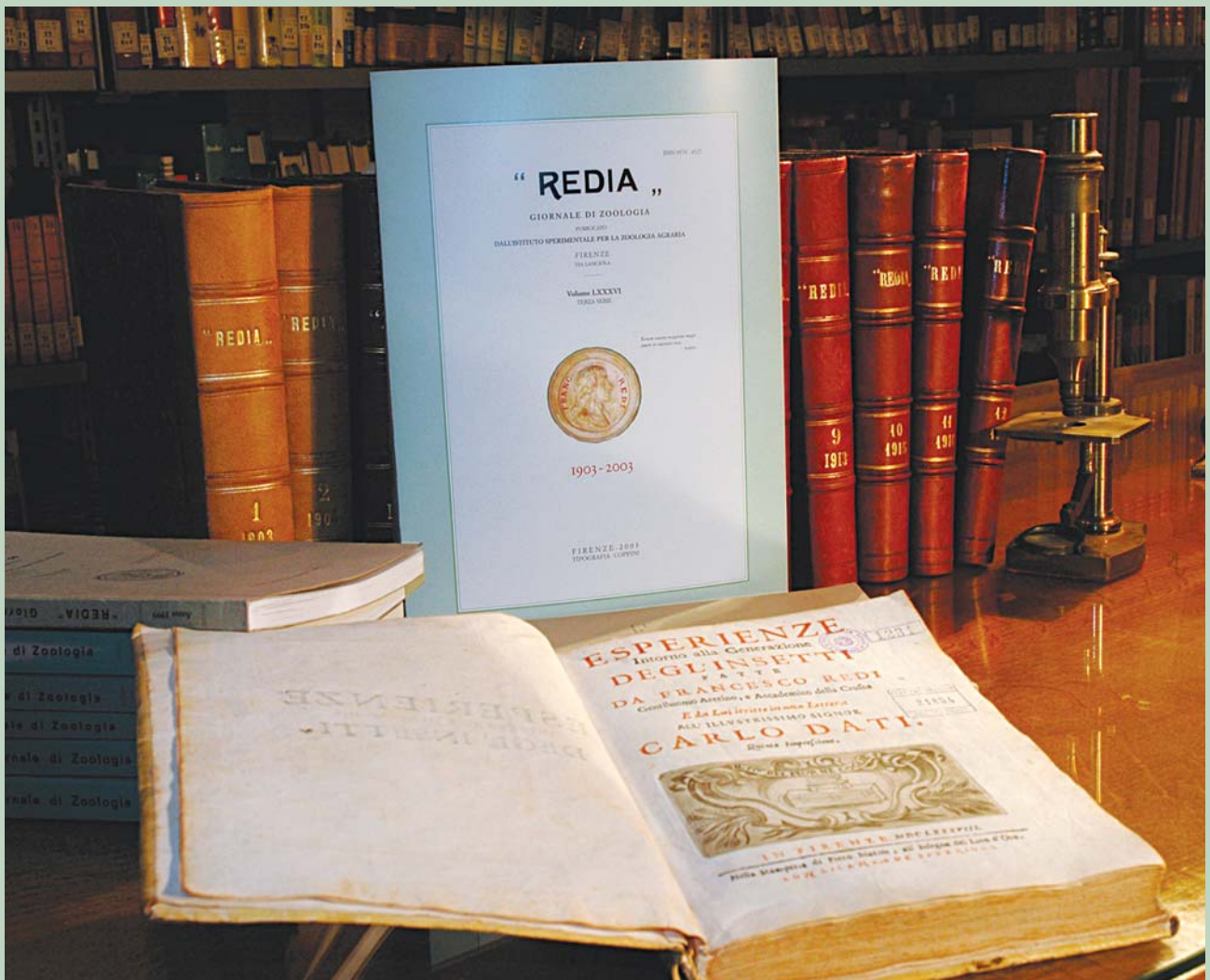


“ REDIA ”

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FIRENZE

Rivista scientifica fondata da Antonio Berlese nel 1903



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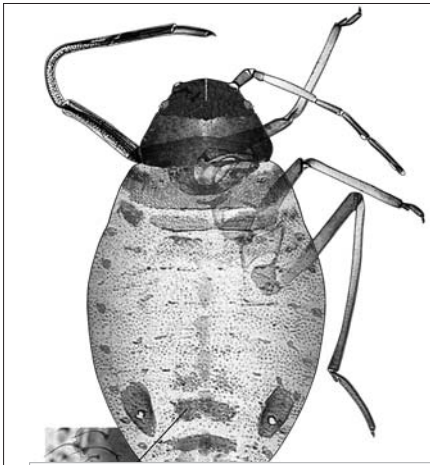
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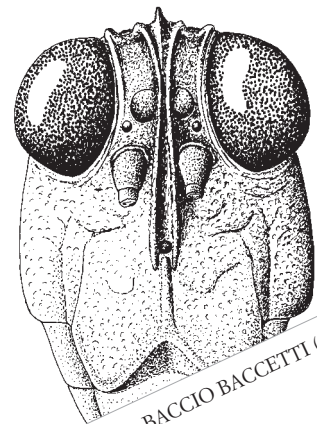
ANDREA BINAZZI (*) - ROGER L. BLACKMAN (**)

THE ACER-FEEDING STOMAPHIS WITH DESCRIPTION OF A NEW SPECIES AND NEW MORPHS (HEMIPTERA APHIDIDAE LACHNINAE)

(*) Istituto Sperimentale per la Zoologia Agraria, Sezione di Entomologia Forestale, Via Lanciola 12/A, 50125 Firenze (Italy).
 (**) The Natural History Museum, Department of Entomology, Cromwell Road, London SW7 5BD, U.K.

Binazzi A., Blackman R.L. – The *Acer*-feeding *Stomaphis* with description of a new species and new morphs (Hemiptera Aphididae Lachninae).

Based on records and field observations in Italy and a review of *Stomaphis* material in the collections of the Natural History Museum, London (BMNH) and the Muséum National d'Histoire Naturelle, Paris (MNHN), knowledge of the *Acer*-feeding *Stomaphis* is reviewed. *Stomaphis knechteli* n. sp. is described from individuals found in Romania (Bucarest and Bucarest-Herestrau), living on *Acer campestre* L. The type specimens (11 apterae plus 1 alata) are mounted on four slides in the BMNH collection, labelled «BM 1984-340», previously identified as *St. graffii* Choldkovsky. *Derivatio nominis* from the collector's name, M. Knechtel. No bio-ecological data are available for the new species. The oviparous female and male are described for the first time. Biometric data for the apterae and alata of the new species and for the species known to feed on *Acer* is provided.



BACCIO BACCETTI (*)

NOTULAE ORTHOPTEROLOGICAE. 53. INTERESTING REPORTS FROM THE IVORY COAST

(*) Istituto di Biologia Generale dell'Università and Centro per lo Studio delle Cellule Germinali di C.N.R., Via T. Grossi, 62, 53100 Siena, Italy.

Baccetti B. – Notulae Orthopterologicae. 53. Interesting reports from the Ivory Coast. In this paper an interesting collection of Mantodea and Orthoptera from the coastal forest of the Ivory Coast is reported. Three new species are described: *Pelusca bandana* n. sp. (Mantodea, Eumantodidae), *Encoptactra bicolor* n. sp. (Orthoptera, Encoptactridae) and *Encoptactra bicolor* n. sp. (Orthoptera, Encoptactridae).

REVIEW

(*) International Centre of Insect Physiology and Ecology (ICIPE), Nairobi, Kenya, and Addis Ababa, Ethiopia; Centre for Analysis of Sustainable Agricultural Systems, Kensington, USA.
 (**) International Centre of Insect Physiology and Ecology (ICIPE), Nairobi, Kenya, and Addis Ababa, Ethiopia.
 (***) Università degli Studi del Molise, Dipartimento S.A.V.A., Campobasso, Italy.

Baumgärtner J., Getachew Tikubet, Melaku Girma, Sciarretta A., Shifa Ballo, Trematerra P. – Cases for adaptive ecological systems management

The paper deals with the development of management procedures for populations and ecosystems. Ecological systems are characterized by multiple causalities, high complexity and uncertainty. In the cases under study particular attention is given to the latter two aspects. In the first case, we seek animal health improvement through control of disease transmitting tsetse flies (*Glossina* spp.), while the overall objective in the other cases is environmental sustainability enhancement of farming systems through improvement and harmonization of ecosystem services. From a conceptual standpoint, the ecological systems under study are put on a trajectory towards better

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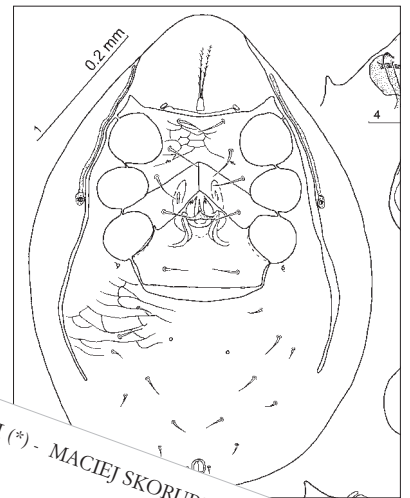
ANDREW PAUL GUTIERREZ (*)

AN ECOLOGICAL PERSPECTIVE ON THE ANALYSIS OF BT COTTON

(*) *Ecosystem Science*, 151 Hilgard Hall, University of California, Berkeley, 3.03.2003, U.S.A.

Gutierrez A.P. – An ecological perspective on the analysis of *Bt* cotton.

Recent claims of high yield increases using genetically modified *Bt* cotton in India may be misleading, as it requires that the underlying basis of the results be put in an ecological context. This is especially important if GM crops are to be implemented in developing countries and if assessments of yield impact are to be credible. This paper compares the disturbed cotton agroecosystem in India to the equally disturbed system that existed in the Imperial Valley of California, and questions the assumption that pest pressure is greater in India than elsewhere. An Agroecosystem analysis is proposed to resolve the inherent conflict between large short run economic gains identified by Economists QUAIM and ZILBERMAN (2003) for *Bt* cotton and the longer run ecological and agronomic problems identified by ecologists.



WOJCIECH WITALIŃSKI (*) - MACIEJ SKORUPSKI (**)

GENUS HOLOPARASITUS OUDEMANS, 1936 IN BERLESE ACAROTECA (ACARI GAMASIDA PARASITIDAE) PART II

(*) Institute of Zoology, Jagiellonian University, Ingardena 6, PL-30 060 Kraków, Poland. E-mail: wwital@zak.iz.uj.edu.pl
 (**) Department of Forest and Environmental Protection, Agriculture University, Wojska Polskiego 71 c, PL-60 625 Poznań, Poland. E-mail: maskorup@owl.au.poznan.pl

Witaliński W., Skorupski M. – Genus *Holoparasitus* Oudemans, 1936 in Berlese Acaroteca (Acari Gamasida Parasitidae). Part II. Two *Holoparasitus* species originating from North Italy – *H. peraltus* (Berlese, 1906) and *H. nonaltus* sp. n., are redescribed and described, respectively. The type specimens are designated. A new *Holoparasitus* *peraltus* species-group, comprising *H. peraltus* (Berlese, 1906) and *H. nonaltus* sp. n., is defined.

JOHANN BAUMGÄRTNER (*) - GETACHEW TIKUBET (*) - MELAKU GIRMA (**)
 ANDREA SCIARRETTA (***) - SHIFA BALLO (**) - PASQUALE TREMATERRA (***)

CASES FOR ADAPTIVE ECOLOGICAL SYSTEMS MANAGEMENT (1)

