


Joint ESENIAS and DIAS Scientific Conference and 8th ESENIAS Workshop

Management and sharing of IAS data to support knowledge-based decision making at regional level

26-28 September 2018
BUCHAREST, ROMANIA

Book of Abstracts

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MANAGEMENT AND SHARING OF IAS DATA TO SUPPORT KNOWLEDGE-BASED DECISION MAKING AT REGIONAL LEVEL

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BUCHAREST, ROMANIA

ORGANISED BY:

Research Institute of the University of Bucharest (**ICUB**),
Faculty of Biology (**FB**)
and Botanic Garden „D. Brandza" (**GBDB**) of the University of Bucharest (**UB**)

East And South European Network for
Invasive Alien Species (**ESENIAS**)

Danube Region Invasive Alien Species Network (**DIAS**)

IN COLLABORATION WITH:

Institute of Biodiversity and Ecosystem Research,
Bulgarian Academy of Sciences (**IBER-BAS**)

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SILPHIUM PERFOLIATUM L. IN THE FLORA OF THE ROMENSKO-POLTAVSKY GEOBOTANICAL REGION

Tetyana S. Dvirna[1]

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Silphium perfoliatum L. is the kenophyte (North American origin), ergasiophyte. The species has been cultivated since 1971 on the M.I.Vavilov Poltava Research Station and Research Station of Medicinal Plants (vill. Berezotocha, Poltava Reg.) as ornamental and forage plant. On the territory of the Romensko-Poltavsky Geobotanical Region as escaped plants noted in 90-th of the XX c.

At present we have discovered tree localities of the species in the Region beyond places of its cultivation. The most numerous is the localitet in the Poltava Dendrological Park in the marginal ecotopes where species sporadically distrubution; show a tendency to incorporation in to the shrubs and rare in forest plant community.

The population of *S. perfoliatum* is characterized by high density, and participation of the generative plants (44 %) in the age spectra.

Key words: *Silphium perfoliatum*, kenophyte, ergasiophyte, Romensko-Poltavsky Geobotanical Region, Ukraine

HIERACIUM AMPLEXICAULE (ASTERACEAE): A NEW CASUAL SPECIES TO THE BULGARIAN FLORA

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The aim of the poster presentation is to report for the first time the occurrence of *Hieracium amplexicaule* L. (Compositae) as an alien species in the Bulgarian flora. The genus *Hieracium* is notorious for its taxonomic complexity due to its specific reproductive system, including normal sexual reproduction, hybridisation and apomixis. It is one of the largest genera in the Bulgarian flora. So far, no alien *Hieracium* species has been reported for Bulgaria. *Hieracium amplexicaule* has been recently recorded in the Rila Mountains, close to the former King's hunting lodge Sitnyakovo. It is native to Central and South-Western Europe and South-Western Africa. Due to its ornemental appearance, the species has been cultivated for nearly a century in the rock-garden of the hunting