

**Institute of Entomology (IE) - List of projects and contracts**

<i>Provider</i>	<i>Registr. No.</i>	<i>Name of the project (contract)</i>	<i>Duration</i>	<i>Recipient</i>	<i>Partner</i>	<i>Investigator</i>
IAEA Wien	12055/R	Development of a Genetic Sexing System in the Codling Moth	2002 - 2008	IE		Marec F.
EU (RERA)	MATEO-RFO Subproject MedScout, project ID: 13	INTERREG IIIC Regional Framework Operation "MATEO"	2006 - 2008	IE		Šimek P.
Szkola Główna Gospodarstwa, Warszawa	690/0022	The identification of entomopathogenic nematodes from Poland	2008 - 2008	IE		Mráček Z.
Min. financí	EEA NFM CZ0046 A/CZ0046/1/0018	Quantitative profiling of metabolites in one-carbon metabolism for large scale clinical and experimental studies from birth to adolescence	2008 - 2010	IE		Šimek P.
GA AV	IAA500070601	Molecular mechanisms for the growth factor action of two Drosophila protein families	2006 - 2010	IE		Žurovec M., Böhmová M.
GA AV	IAA5007402	Silk evolution and the relationship between its composition and properties	2004 - 2008	IE		Sehnal F., Kodrík D.
GA AV	A100070601	Mathematical modeling of biological networks	2006 - 2009	IE		Křivan V.
GA AV	KJB600070602	Allee effect in structured populations	2006 - 2008	IE		Berec L., Eisner J.
GA AV	KJB600070601	Critical phenomena in evolutionary ecology of butterflies	2006 - 2008	IE		Fric Z.
GA AV	IAA600960712	Interactions between plants, herbivores, parasitoids and predators in a tropical rainforest: disentangling a complex food web	2007 - 2011	IE		Novotný V.
GA AV	KJB600960705	Diversity, host specificity and vertical stratification of insects: Comparison of key ecological characteristics of insect communities in different tropical and temperate regions	2007 - 2009	IE	MU Brno	Čížek L.
GA AV	KJB612230701	Ecology and systematics of New Guinea ants – exploring the unknown fauna	2007 - 2009	IE		Janda M.
GA AV	IAA600960705	Pest aphids in forest protection: integration of molecular-biological approaches and bio-systematical information	2007 - 2009	IE		Havelka J., Žurovcová M.
GA AV	IAA500960802	Monitoring protein-protein interactions in vivo	2008 - 2012	ENTÚ		Doležel D.
GA ČR	GA522/06/1591	Insecticidal action of the genetically modified crops: impact of pro-oxidant allelochemicals	2006 - 2008	IE		Sehnal F., Habušťová O.
GA ČR	GA203/06/1272	Mechanisms of action of selected synthetic analogs of insect peptide with high oostatic activity	2006 - 2008	ÚOCHB	IE	Bennettová B.
GA ČR	GA206/06/1133	Ephemeroptera and Plecoptera: model groups to study environmental long-term changes of aquatic biotopes	2006 - 2008	IE	MU Brno	Soldán T.
GA ČR	GA205/06/1236	Significance of ice-retaining screens as natural landscape global climate change observation systém	2006 - 2008	ÚSBE	IE	Růžicka V.
GA ČR	GA206/06/1860	Molecular evolution of sex chromosomes in Lepidoptera	2006 - 2008	IE		Marec F., Korčhová M.
GA ČR	GA204/07/1032	Genetic analysis of circadian and developmental genes in a new insect model	2007 - 2011	IE		Šauman I., Neužil R.
GA ČR	GA522/07/0788	Study of insect neurohormones as potential biorationale pesticides	2007 - 2009	IE		Kodrík D., Socha R.
GA ČR	GA206/07/0269	Cold-acclimation in insects: Biosynthesis of cryoprotectants and restructuring of biological membranes	2007 - 2011	IE		Košťál V.
GA ČR	GA206/07/J041	Neural basis of insect magnetoreception	2007 - 2010	MU Brno	IE	Šauman I.
GA ČR	GA204/08/P579	Molecular and genetic study of Pyrrhocoris apterus photoperiodic clock	2008 - 2010	IE		Doležel D.
GA ČR	GA522/08/1407	Development of male accessory glands and their role in reproduction of Culex pipiens s.l. and Spodoptera littoralis	2008 - 2010	IE		Gelbič I.
GA ČR	GP522/08/P600	The influence of temperature on the course and termination of imaginal diapause in the Norwegian spruce bark beetle, Ips typographus (L.)	2008 - 2010	IE		Doležal P.
GA ČR	GD206/08/H044	Plants, insects and vertebrates: integrated study of ecological and evolutionary interactions	2008 - 2011	PřF JU	IE	Novotný V.
GA ČR	GA206/08/1389	Phylogeography and biodiversity of mayflies (Ephemeroptera) in northern Pontic Region: taxonomic, ecological and molecular taxonomic approach	2008 - 2012	IE		Hodunko R.

MŠMT	LC06077	Center of Chemical Genetics	2006 - 2010	IE	IE	Žurovec M., Böhmová M.
MŠMT	1M06030	Functional genomics and proteomics in plant breeding	2006 - 2009	MZLU Brno	IE	Sehnal F., Kodřík D.
MŠMT	LC06073	Biodiversity Center	2006 - 2010	ÚSBE	IE	Novotný V., Janda M., Čížek L.
MŠMT	2B06129	Model organisms as tools for understanding genes whose function is necessary for human health	2006 - 2011	IE, IP		Jindra M., Šauman I.
MŠMT	2B06005	New alternative approaches in pest control of the horse-chestnut leafminer <i>Cameraria ohridella</i> supporting biodiversity of its natural enemies	2006 - 2011	Prenerová E.	IE	Zemek R.
MŠMT	LC07032	Center of functional genetics	2007 - 2011	UK Praha	IE	Šauman I., Neužil R.
MŠMT	ME 907	Enhanced integrative studies of insect silks through international collaboration	2007 - 2009	IE		Sehnal F.
MŠMT	ME 916	Plant - insect food webs in the course of ecological succession in a tropical rainforest	2007 - 2009	IE		Novotný V.
MŠMT	2-07-19 KONTAKT	Hormonal modulation of pheromonal olfaction system on central and peripheral level	2007 - 2008	IE		Sehnal F.
MŠMT	ME08020	Entomopathogenic nematodes (Steinernematidae and Heterorhabditidae), Czech and China fauna and their possible use in biological plant protection	2008 - 2010	IE		Mráček Z.
MŠMT	2B08003	Biodiversity of mosquitoes - vectors of pathogenic agents: changes in the context with climatic fluctuations	2008 - 2011	IE	QUAIL s.r.o., Ústav biologie obratlovců	Gelbič I.
MK	DC08P02OUK004	The cataloguing and accessing of type beetles (Coleoptera) deposited in collections of the Entomological department of the National Museum in Prague.	2008 - 2010	Muzeum Praha	IE	Bezděk A.
MŽP	SP/2d3/62/08	Factors affecting farmland biodiversity: using an existing system of agricultural pest monitoring for general monitoring of night-active Macrolepidoptera	2008 - 2011	ENTU	MZLU Brno	Konvička M.
ASCR	1QS500070505	Monitoring of insect biodiversity and evaluation of ecosystem changes applied in nature conservation	2005 - 2009	IE		Soldán T., Spitzer K.
Monsanto Europe S.A.	620/7044	Action of the beetle-specific Cry3Aa on the reproduction of Lepidoptera	2007 - 2008	IE		Habuštová O., Sehnal F.
AOPK ČR	Natura 133/08/08	Monitoring of population changes of marsh fritillary, monitoring of populations of critically endangered butterflies	2008 - 2008	IE		Konvička M.
AOPK ČR	Natura 165/08/08	Extensive monitoring of butterfly species important from the view of ES	2008 - 2008	IE		Konvička M.
IVAX	Obj. 28220371	Metabolomic analysis of the composition of medicamentous products of Novopassit	2008 - 2008	IE		Šímek P.
IVAX	12/2008/ARD/A410	Agreement on the cooperation in science and development	2008 - 2008	IE		Šímek P.
Přibraní, s.r.o.	690/7088	Entomopathogenic nematodes isolates, exotic species and their significance in agriculture, focused on pastures in Novohradské Mts.	2008 - 2008	IE		Zemek R., Mráček Z.
Danone a.s.	630/7091	Expert opinion	2008 - 2008	IE		Šula J., Spitzer K.
IE	640/7092	Symposium SIEC21	2008 - 2009	IE		Soldán T.
AOPK ČR	Natura 286/08/08	Intensive monitoring of the ground beetle <i>Carabus hungaricus</i>	2008 - 2008	IE		Čížek L.
AOPK ČR	Natura 287/08/08	Intensive monitoring of the <i>Rosalia longicorn</i> ( <i>Rosalia alpina</i> )	2008 - 2008	IE		Čížek L.
Správa NP Č. Švýcarsko	640/7099	Monitoring of aquatic insects of the orders Ephemeroptera, Plecoptera, Megaloptera a Neuroptera on selected localities of National park České Švýcarsko	2008 - 2008	IE		Soldán T.
Státní zdravotní ústav	5/08PO2400	Order of analyses of structures of new taxon's metabolites	2008 - 2008	IE		Šímek P.
Danone a.s.	630/7102	Expert opinion 2	2008 - 2008	IE		Šula J.
MU Brno, PFF	3113/0703/08	Compiling an up-to-date list of Ephemeroptera species	2008 - 2008	IE		Soldán T.

Up-dating: 12.12.2008

Explanatory notes:

ASCR - Academy of Sciences of the Czech Republic  
GA AV - Grant agency of the ASCR  
GA ČR - Grant agency of the Czech Republic  
MZd - Ministry of Health  
MŠMT - Ministry of Education, Youth and Sports  
MF - Ministry of Culture  
JU - University of South Bohemia