

Curriculum Vitae



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Educational Background:

Doctor of Philosophy (Ph.D.) in Biology and Agronomy, 1997.

Rennes University, France. (INRA Laboratory).

Ph.D. Thesis subject:

- Etude de la variabilité de vection des BYDV-PAV et MAV par différents clones de l'espèce de puceron *Rhopalosiphum padi* L. et de quelques autres facteurs de l'épidémiologie de la jaunisse nanisante de l'orge. 114 pp.

Interesting research fields:

- Studying Insects bio-diversity in natural forest, range and woodlands.
- Integrated pest management for most important pests the mentioned ecosystems.
- Taxonomy of Coccinellidae fauna in Iran.
- Oak gall wasp and their related parasitoids fauna on different oak species in Iran

Professional Experiences and jobs:

Deputy for forest and range protection division

Director for forest and range pests laboratory, in Research Institute of forests and Rangelands (RIFR), since 1998.

Memberships:

- Editor of Journal of Entomological Society of IRAN, since 1999.

National Research Projects:

- Poplar pest management in IRAN, since, 1998.
- Integrated pests and Diseases Management for Native and Exotic poplar clones and species in Iran. Since 2000.
- Investigation on gall inducing insects of oak in Iran (since 2003)

Collaboration with research projects:

- 1- Insects fauna in forests and Range of IRAN (national projects).
- 2-Biology and distribution of poplar stem borer (*Aeolesthes sarta*) in IRAN.
- 3- Biology and natural enemies of poplar lace bug; *Monosteira unicostata* in Isfahan.
- 4- Syrphids fly fauna and the biology of dominant species in Khorasan province.
- 5- Oak gall wasp fauna in the Oak Forest of Zagros Mountain.
- 6-Oak gall wasp fauna in Arasbaran oak forest.
- 7-Biology and ecology of *Hypeunomeuta padellus* in Kohkiluyeh provinces.
- 8-Biology and natural enemies of ash psyllid; *Psyllopsis repens* in Hamedan province.
- 9-Biotic and abiotic effecting factors on the biology of Gaz psyllid, *Cyamophila dicora*, in Isfahan province.

Collaboration with graduate student's Projects (Student's thesis committee):

- 1- A study on biology and natural enemies of *Nuculaspis abietis* (Hom. Diaspididae), 1998-99. *Dep. of plant protection, Agricultural faculty of Guilan university.*
- 2- Purification of (PAV) isolate of Barley yellow dwarf virus, 1997-99. *Dep. of plant protection, Agricultural faculty of Shiraz university.*
- 3- A study on biology and natural enemies of Alnus leaf feeder, *Galerucella lineola* L. (Chrysomelidae) in Golestan provinces. 2000. *Dep. of plant protection, Agricultural faculty of Orumieh university.*
- 4- A complementary study on biology and natural enemies of *Cyamophila dicora* (Hom. Psyllidae) in Isfahan, 1998. *Dep. of plant protection, Agricultural faculty of Industrial university of Isfahan.*
- 5- A study on psyllophagous coccinellids on *Pistacia vera* in Kerman province. 2001, *Dep. of plant protection, Agricultural faculty of Shiraz university.*
- 6- Comparative study on the fecundity of walnut aphid, *Chromaphis juglandicola* and its parasitoid wasp, *Trioxys pallidus* (Hymenoptera: Braconidae). 2000. *Dep. of Entomology, Tarbiat-Moddarres University. Tehran.*
- 7- Poplar species and clones susceptibility to *Platymicterous marmoratus* Col.: Curculionidae) in Guilan province. 2000. **Forest faculty of Guilan University.**
- 8- Laboratory studies on the Biology and host preference of lady beetle *Oenopia conglobata* (Col.: Coccinellidae). 2001. **Agricultural faculty of Guilan university.**

Teaching:

General entomology, Important pests of field's crops, Important pests of fruits trees, Integrated pest Management (IPM), *Agricultural faculty of Zahedan University*, 1997-1999.

Publications:

- 1- **Sadeghi, S.E.**, and Morteza Esmaili, 1992, Preying habits and hibernation sites of *Coccinella septempunctata* L., *Hippodamia (Adonia) variegata* (Goeze) and

- Psyllobora vigintiduopunctata* L. in Karaj. *Journal of Entomological society of Iran*, **11** (1et 2), 19-34.
- 2- **Sadeghi, S.E.**, 1993, Biology and Ecology of *Coccinella septempunctata* L in Karaj region. *Research and Reconstruction*, ISSN: 1019-9632, **18**: 4-15
 - 3- **Sadeghi, S.E.**, 1997, Variation in transmission of two BYDV-MAV isolates by multiple clones of *Rhopalosiphum padi* L., 1997, *European journal of plant pathology*, 103:515 - 519
 - 4- **Sadeghi,S.E.**,1997, Role of acquisition and inoculation time in the expression of clonal variation for BYDV-PAV transmission in the aphid species *Rhopalosiphum padi*. *Plant pathology*, 46, 502 – 508
 - 5-**Sadeghi, S. E.**and C. A. Dedryver, G. Riault, Sylvie Tanguy, 2000, Variation in virus content among individual leaves and roots of barley and wheat infected with a BYDV-PAV isolate. *Journal of Agricultural Science and Technology* . Vol.2:151-160.
 - 6- Rakhshani,E.,A.A. Talebi and **S.E.Sadeghi**,2000, Some biological characteristics of walnut aphid *Chromaphis juglandicola* (Kaltenbach) (Hom.:Aphididae) in Karaj.*Journal of Entomological Society of Iran*.Vol.20(1) , 1-24.
 - 7- Farashiani,M.E.,Shamohammadi and **S.E.Sadeghi**,2000, Biological study of sarta long horn beetle *Aeolesthes sarta* Solsky in laboratory. *Journal of Entomological Society of Iran*.Vol.20(1), 77-90.
 - Sadeghi,S.E.**,J.Tarasi and H.Askary, 2002.Resistance and susceptibility of eleven poplar clones to poplar wooly aphid;*Phloeomyzus passerinii* Signoiret in Zanjan province of IRAN, *Appllied Entomology and Phytopathology*, Vol.69(2)
 - 8-Farashiani,M.E.,**S.E.Sadeghi** and M.Abaii, 2001.Geographi distribution and hosts of sarta longhorn beetle,*Aeolesthes sarta* Solsky (Col.:Cerambycidae) in Iran. *Journal of Entomological Society of Iran*.Vol.20(2), 81-96
 - 9-**Sadeghi,S.E.**,M.Salehi and H.Askary,2001, Integrated pest management for poplar trees in Guilan province of Iran. *Iranian Forest and Poplar research*.(7).Publication No.266-2002,P:1-27
 - 10- **Sadeghi,S.E.** and H.Askary,2002,Activity of *Schizonotus sieboldi* Ratzeburg (Hym. :Pteromalidae)on poplar leaf beetle pupa,on seven different poplar

species. Proceeding of 1st symposium on Hymenopterous Parasitica, Hungary, Kosek.

- 11- **Sadeghi, S.E.**, 1998, Fauna of coccinellides and their dominate species in alfalfa fields of Karadj, *Research and Reconstruction*, ISSN: 1019-9632, **38** , **4-11**.
- 12- Tarasi, A.R. Saboori and **S.E. Sadeghi**. 2001, Report of an ectoparasitic mite on adults of *Melasoma populi* L. from Iran. Vol.21(2), p:107-108
- 13- Haghghian F. and **S.E. Sdeghi**. 2001. Report of *Empoasca (Asymmefrasca) decedens* from Iran. Journal of Entomological Society of Iran Vol.21(2), P:109-110
- 14- Mojib Hagh ghadam, Z., J. Jalali Sendi, **S.E. Sadeghi** and J. Haji Zadeh. 2002. Effect of Temperature on developmental time and oviposition rate of *Oenopia conglobata* fed on *Chaitophorus populeti*. Journal of Entomological Society of Iran. Vol.22(1), P:1-11
- 15- Rajabi Mazhar, N.A., S. Moharramipour and **S.E. Sadeghi**. 2003. Antixenosis resistance to woolly poplar aphid: *Phloeomyzus passerinii* Sign. In different poplar clones. Journal of Entomological Society of Iran, Vol.22(2), P:1-15
- 16- Salehi, M. and **S.E. Sadeghi**. 2003. Poplar leaf weevil *Platymycterus marmoratus* Fst. Abundance on various poplar clones in Guilan province. Journal of Entomological Society of Iran, Vol.22(2), P:45-61
- 17- Askary, H., **S.E. Sadeghi** and S. Nazary, 2001. Proceeding of the first plant protection conference on oak & wild pistachio in Zagros. Publication No, 238-2001. PP.122
- 18- **Sadeghi, S.E.** and E. Ebrahimi. 2001. New Report of *Pachyneuron grande* from Iran. Journal of Entomological Society of Iran Vol.21(1), P:113-114
- 19- Rackshani, E., A.A. Talebi and S.E. Sadeghi, 2001. The first report of aphid hyperparasitoid, *Alloxyta citripes* (Thomson) (Hymenoptera: Cynipidae) From Iran. From Iran. Applied Entomology and Phytopathology, Vol, 69.(1)
- 19- Talebi, A.A., E. Rakhshani, **S.E. Sadeghi** and Y. Fathipour, 2002. A comparative study on the fecundity, Developmental time and adult longevity of walnut aphid, *Chromaphis juglandicola* and its parasitoid wasp, *Trioxys pallidus*. Journal scientific & Technol. Agric. & Natur, Resor., Vol.6(3), P:241-254

Symposium and Congress :

- 1- **Sadeghi, S.E.**, and C. A. Dedryver , 1995, Intraspecific variations for transmission of BYDV-PAV and MAV isolates by the aphids, *Sitobion avenae* and *Rhopalosiphum padi*, *Agronomie*, 15 (7-8).
- 2- DEDRYVER C.A., **SADEGHI E.**, RIAULT G., TANGUY S., 1997. Clonal variation in transmission of BYD-viruses by cereal aphids. *Abstr. Meet. "Luteovirus" AAB/SFP, 24-26 March, Cirencester*, 1p.
- 3- **Sadeghi, S. E.** and C. A. Dedryver, 1998, Clonal variation in transmission of two BYDV-MAV isolates by the cereal aphid *Rhopalosiphum padi* L. Proceeding of the 13th Iranian plant protection congress, Volume I, 25
- 4- **Sadeghi, S. E.** and M. Khanjani, 1998, A study of coccinellids fauna in alfalfa fields in Hamadan. Proceeding of the 13th Iranian plant protection congress, Volume I, 56
- 10- **Sadeghi, S.E.** and C. A. Dedryver, 1998, Role of acquisition and inoculation time in the expression of clonal variation for BYDV-PAV transmission in the aphid species *Rhopalosiphum padi*. Proceeding of the 13th Iranian plant protection congress, Volume I, 223.
- 11- **Sadeghi, S. E.** and A. Karazi Pakdel, 2000. Transmission efficiency of nymphal stages and adults of *Rhopalosiphum padi* L. for a french BYDV-PAV isolate. Proceeding of the 14th Iranian plant protection congress, Volume I, P.223.
- 12- Askary, H., **Sadeghi, S.E.** and R. Omid, 2000. Integrated pest management in wild pistachio forest in Iran. Proceeding of IUFRO, KUALA LUMPUR, Malaysia (Accepted).
- 13- E. Rakhshani, A.A. Talebi and **S.E. Sadeghi**, 2000. Comparative study on the fecundity of walnut aphid, *Chromaphis juglandicola* and its parasitoid wasp, *Trioxys pallidus* (Hymenoptera: Braconidae). Proceeding of the 14th Iranian plant protection congress, Volume I, P.109
- 14- A.R. Seifollahi, R. Ebadi, H. Seyedoleslami and **S.E. Sadeghi**, 2000. Investigation of Gaz psyllid biology (*Cyamophila dicora* Longinova) in Isfahan province. Proceeding of the 14th Iranian plant protection congress, Volume I, P.125.

- 15- A.R. Seifollahi, R.Ebadi ,**S.E. Sadeghi** and H.Seyedoleslami, 2000.Distribution and relative severity of *Cyamophila dicora* Longinova and *Cyamophila sp.* In Ifahan province. Proceeding of the 14th Iranian plant protection congress, Volume I, P.126.
- 16- A.R. Seifollahi, R.Ebadi ,**S.E. Sadeghi** and H.Seyedoleslami, 2000. A new record of Gaz psyllid (*Cyamophila sp.*) on *Astragalus adscendens* Boess. In Isfahan province. Proceeding of the 14th Iranian plant protection congress, Volume I, P.298.
- 17- A.R. Seifollahi, R.Ebadi and **S.E. Sadeghi** .2000.Natural enemies of Gaz psyllid (*Cyamophila dicora* Longinova) in Isfahan province. Proceeding of the 14th Iranian plant protection congress, Volume I, P.299.
- 18- S. M. Ahmadi, N.Shayesteh,M.Safaralizadeh and **S.E.Sadeghi**.2000.Biological observations of *Galerucella lineola* F. (Coleoptera: Chrysomelidae) on alder (*Alnus subcordata* (Loisel.) Desf.) in Golestan province. (Nothern IRAN). Proceeding of the 14th Iranian plant protection congress, Volume I, P.127.
- 19- Tarasi, J.and **S.E.Sadeghi**. 2000. Determination of population density of the woody poplar aphid *Phloemyzus passerinii* on the different poplar clones in Zanjan province. Proceeding of the 14th Iranian plant protection congress, Volume I, P.131.
- 20- **S.E.Sadeghi**,D.Shamohammadi and R.Omid.2000.Feeding preference of poplar leaf beetle, *Melasoma populi* (L.) on four different poplar species. Proceeding of the 14th Iranian plant protection congress, Volume I, P.134.
- 21- **S.E.Sadeghi**,A.Mehrabi,H.Askary and S.Zeinali .2000. Quantitative differences in poplar leaf beetle, *Melasoma populi* (L.) (Col.:Chrysomellidae) on four poplar

species. Proceeding of the 14th Iranian plant protection congress, Volume I, P.135.

22-Farashiani,M.E.,D.Shamohammadi,**S.E.Sadeghi**,S.Sayyedi Rashti and M.Babolmorad.2000. Laboratory study of some biological characteristics of poplar stem borer, *Aeolesthes sarta* Solsky in IRAN. Proceeding of the 14th Iranian plant protection congress, Volume I, P.136.

23-Rasekh,A.,J.Haji Zadeh,H.Barimani varandi,**S.E.Sadeghi** and M.Moghadam.2000. Biology of conifer needle scale, *Nuculaspis abietis* Schrank (Hom.:Diaspididae) in field and laboratory conditions. Proceeding of the 14th Iranian plant protection congress, Volume I, P.137.

24- Rasekh,A.,J.Haji Zadeh,H.Barimani varandi,**S.E.Sadeghi** and E.Ebrahimi.2000. The efficiency of *Aspidiotiphagus citrinus* (Hym.:Aphelinidae) parasitoid of conifer needle scale in natural Kelardasht conditions. Proceeding of the 14th Iranian plant protection congress, Volume I, P.139.

25-Kalantari,A.A.and **S.E.Sadeghi**.2000. Investigation survey of ladybirds determination of prevalent species in dry orchard almond in west Khorasan province. Proceeding of the 14th Iranian plant protection congress, Volume I, P.271.

26-Farashiani,M.E.,D.Shamohammadi,**S.E.Sadeghi**,H.Askari,M.R.Habibi and V.R.Moniri.2000.Rearing poplar stem borer, *Aeolesthes sarta* Solsky on artificial diet. . Proceeding of the 14th Iranian plant protection congress, Volume I, P.289.

27-**Sadeghi,S.E.**,E.Ebrahimi,H.Askary and A.Mehrabi.2000.Effect of host plant on parasitism of *Schizonotus sieboldi*. Proceeding of the 14th Iranian plant protection congress, Volume I, P.293.

- 28- Omid,R.,M.Esmaeili and **S.E.Sadeghi**.2000. *Chilocorus bipustulatus* L. (Col.:Coccinellidae), the most important natural enemy of pine scale, *Leucopis pusilla* Loew. In Tehran province. Proceeding of the 14th Iranian plant protection congress, Volume I, P.295.
- 29- **Sadeghi, S. E.**and C. A. Dedryver, G. Riault, Sylvie Tanguy, 2000, Variation in virus content among individual leaves and roots of barley and wheat infected with a BYDV-PAV. Proceeding of the 14th Iranian plant protection congress, Volume II, P.228.
- 30- Esmaeelzadeh-Hoseini, S.A.,K.Izadpanah and **S.E.Sadeghi**.2000.Isolation and transmission of barley yellow dwarf virus serotype PAV to some cultivars of wheat, barley and oat in the greenhouse. Proceeding of the 14th Iranian plant protection congress, Volume II, P.230.
- 31- DEDRYVER C.A., **SADEGHI E.**, RIAULT G., TANGUY S., 1997. Clonal variation in transmission of BYD-viruses by cereal aphids. *Abstr. Meet. "Luteovirus" AAB/SFP, 24-26 March, Cirencester, 1 p.*