IOBC/WPRS
Integrated Production, Protection and Biocontrol Commission for North African (& Near East) countries
During its meeting (Vienna: 22-23 January 2010), the IOBC/WPRS council approved the establishment of a new commission for North African countries (Morocco to Egypt) within the WPRS zone.

- Convenor: Ahmed MAZIH
  Hassan II Institute of Agronomy and Veterinary Medicine, MOROCCO

- Liaison Officer: Philippe NICOT
Structure and Members

• The commission on "Integrated production, protection and biocontrol for North African countries" has been officially established by the IOBC Council on September 2010.

• The commission had 9 members from Morocco, Algeria, Tunisia, Libya, Egypt and representatives of Crop life and the International Biological Control Manufacturers (IBMA).
Members (2010-2014)

Mohamed Besri, Morocco, Convenor

Ahmed Mazih, Morocco

Moumene Khaled, Algeria

Bouzid Nasraoui, Tunisia

Medhat Kamel Ali, Egypt

Ibrahim M. El-Ghariani, Libya

Michel Guillon, IBMA (International Biocontrol Manufacturers’ Association)

Eric Bureau, Crop Life

Colleagues from Algeria and Tunisia are no longer available
Colleagues from Egypt, Libya, IBMA & Crop Life are not reachable by mail
Members (2019)

So far the commission has 5 members from Morocco, Algeria, Tunisia, Libya, Egypt

Ahmed MAZIH, Morocco, Convenor

Philippe NICOT, France, Liaison-Officer

Abdelkrim SI BACHIR, Univ. Batna 2, (Batna, Algeria)

Olfa EZZINE, National Research Institute of Rural Engineering, (Tunis, Tunisia)

Esam ELGHADI, Biotechnology Research Center (Tripoli, Libya)

Ahmed H. EL-HENEIDY, Plant Protection Research Institute (Giza, Egypt)
Role

The main tasks of the commission are:

• Establish a network among North African countries to promote biocontrol, IPM and IP in the region

• Contact potential stakeholders (such as government bodies, research institutes, commercial organizations and industries related to plant protection, production and exports) and make them familiar with the major activities and results of IOBC/WPRS.

• Identify special crop protection problems in North African countries to assist the region to develop and implement sustainable solutions.

• Organise regional workshops on plant protection, in collaboration with IOBC commissions, working and study groups.
Terms of references

- Establishment of programmes for regional conferences, training sessions, round tables, workshops, and colloquia, in collaboration with other IOBC commissions, working and study groups to exchange information on crop protection.

- Publication of a list of potential stakeholders (government bodies, research institutes, plant protection services, commercial organizations and industries related to plant protection, production and exports).
Encouraging adhesion of individual, institutional, supporting and honorary members to IOBC/WPRS

Initiate and facilitate the coordination and integration of research and extension in plant protection on a regional and country basis
Brochure of the Commission

International Organization for Biological and Integrated Control of Noxious Animals and Plants
Organisation Internationale de Lutte Biologique et Intégrée contre les Animaux et les Plantes Nuisibles
WPRS/WPSSBOP West Palaearctic Regional Section / Section Régionale Ouest Paléartique

IOBC/WPRS
Integrated Production, Protection and Biocontrol
Commission for North African countries

Prepared by Mohammed Besri, Commission Convenor

https://www.iobc-wprs.org/expert_groups/IOBC-WPRS_Commission_IP_North_Africa_Brochure_09-2011
MAJOR ACTIVITIES AND ACHIEVEMENTS (2018-2019)

The first International Congress on Biological and Integrated Control in Algeria
4 - 6 February, 2019

Faculty of Nature and Life Sciences (SNV)
Scientific Association 'Biology, Biodiversity and Sustainability' "BBD"
&
International Organization for Biological and Integrated Control "IOBC-WPRS"

The First International Congress on Biological and Integrated Control in Algeria CILBIA1

4, 5 and 6 February, 2019
At Mostefa Ben Boulaid University, Batna 2

This symposium was the first major meeting in biological control in Algeria.
Themes of the Congresses

Pest management: Knowledge and Practices

Role of Biological Control in conserving Biodiversity

Agricultural chemicals regulation:
- Ecological risks of agrochemicals, and registration procedures
1st International Symposium on the Biological and Integrated control in Algeria

4-6 February 2019
University Mostefa Ben Boulaid, Batna 2 - Algeria

Local organizer: Abdelkrim SI BACHIR
• Biology, Biodiversity & Sustainability Scientific Association (Batna, Algeria)
• Faculty of Natural & Life Sciences (University Batna 2)

Attendance:
- number of participants: about 300
- number of IOBC members: 72
- countries represented: Algeria, Morocco, Tunisia, Mali and France

Scientific activities:
- number of oral presentations: 27 (5 invited speakers)
- number of posters: 186
- others: Post congress tour

Proceedings: 38 selected papers will be published in IOBC Bulletin (in press)
Scientific committee

Pr. Abdelkrim Si Bachir : Université Batna 2
Pr. Kamel AISSAT : Université Batna 2
Pr. Philippe Nicot : INRA Avignon (IOBC-wprs)
Pr. Marc BARDIN : INRA Avignon - France
Pr. Ahmed MAZIH : Inst Agr & Vét Hassan II, Agadir, Morocco, (IOBC-wprs)
Pr. Mohamed Lahbib BEN DJAMAA:DGPCPA- Tunisia
Dr. Smail CHAFAA
Dr. Hamid BENSAAD: INPV- Alger
Dr. Lotfi LOUCIF : Univ. Batna 2
Pr. Leila HAMBABA : Univ. Batna 2
Dr. Nabil BERTELLA: Univ. Batna 2
Pr. Abdelmalek CHORFI: Univ. Batna 2
Pr. Mohamed Didi OULD EL HADJ : Univ. Ouargla
Pr. Kamel LOUADI : Univ. Constantine 1
Dr. Ayache LAABACI : Univ. Batna 2
Pr. Abderrahmane SENATOR : Univ. Batna 2
Pr. Nadia BOULALOUAH : Univ. Batna 1
Dr. Samia DEKKICHE : Univ. Batna 2
Dr. Lilya NOURI : Univ. Batna 2
Pr. Halima BENBOUZA : Univ. Batna 1

• Pr. Abdelaziz TOUATI : Univ. Béjaia
• Dr. Fahima NEFFAR : Univ. Batna 2
• Dr. Nadra GHANEM : Univ. Batna 2
• Dr. Mourad HANFER : Univ. Batna 2
• Dr. Nadia KHATHER : Univ. Batna 2
• Pr. Mohamed KEBIECHE : Univ. Batna 2
• Pr. Noureddine SOLTANI : Univ. Annaba
• Pr. Hamid BOUDJELIDA : Univ. Annaba
• Pr. Naama FRAH-GUETTALA : Univ. Batna 1
• Pr. Idir BITAM : ESSAIA- Alger
• Pr. Mohamed Laid OUAKID : Univ. Annaba
• Pr. Ferroudja BENSAAD-MEDJDOUB : Univ. Tizi Ouzou
• Dr. Sara MOUFFOK : Univ. Batna 2
• Pr. Mohamed BELHAMRA : Univ. Biskra
• Pr. Mohamed BICHE : ENSA El Harrach – Alger
• Dr. Fatah ZOGGAGHE : Univ. Bouira
• Dr. Fateh MIMECHE : Univ. M’Sila
• Dr. Rachid CHAIBI : Univ. Laghouat
• Dr. Kamilia FARHI : Univ. Biskra
Congress Organizing Committee

- Mlle Imène BENZINA: Univ. Oum El Bouaghi
- Mr Chérif GHAZI: Univ. Ghardaia
- Mr Mounir ZAOUIA : Univ. Batna 2
- Mme Leila BECHAH: Univ. Batna 2
- Mme Fouzia BENAOUF : Univ. Batna 2
- Mr Abdelmadjid MEDJADBA
- Mr Chemseddine BELKHIRI
- Mr Messaoud HACHEMI
- Mme Laila BADA : Univ. Batna 1
- Mlle Ardjouna NASRI : Univ. Biskra
The main actions to undertake during the period 2020-2021:

Reorganisation & Revitalisation of IOBC-WPRS-Commission IP and Biocontrol in North-African countries:

- **Structure**
  - Proposal to extend the Commission to Middle East countries
  - Identify the commission members (Middle East countries)

- Editing and updating the Brochure introducing the commission "Integrated production, Protection and Biological control for North Africa & Middle East countries"

- Prepare and Insert information in the IOBC-WPRS web site

- Agreement on an activity program
Proposal for future activities of the Commission during the next 2 years.

- Red Palm weevil most urgent problem; regional meeting for relevant producing countries (together with FAO, EPPO; NEPPO) proposed to be organised in 2020 or 2021

- *Xylella fastidiosa* - Potential insect vectors and their IPM/biocontrol options

- New Invasive species: Present status and future prospects
  
  *Dactylopius opuntiae: Biological control options?*
  
  The Opuntia cochineal scale or false carmine cochineal scale, *Dactylopius opuntiae* (Hemiptera: Dactylopiidae), is spreading rapidly in many countries, in the Mediterranean basin, especially in Morocco, where it has become a serious pest of prickly pear crops, *Opuntia ficus-indica* (Cactaceae).
  
  This crop is an important food resource both for humans and livestock

- Effects of climatic changes on pests development in the Near East
IMPLEMENTATION OF ACTIVITIES

- Involvement of the IOBC-WPRS working groups in all the commission activities;

- Organise regional conferences, training sessions, round tables, workshops in collaboration with national, regional and international organizations. (examples: *Tuta absoluta* meeting 2011 in Agadir, Regional fruit fly meeting 2012 in Hammamet)


Meeting of held after the closing ceremony of the FAO/NEPPO/IOBC Regional Symposium on “the management of Fruit Flies in Near East Countries”, 6-8 November 2012

**Number of participants**: 20 from Austria, Iraq, Yemen, Morocco, Tunisia, Netherlands, Egypt, Palestine, Sudan, Algeria, FAO, NEPPO, Arab society of Plant Protection, Private companies
POTENTIAL PRIORITIES OF THE COMMISSION

- Fruits flies of economic importance:
  1) Mediterranean fruit fly (Classical biological control, SIT and Mass trapping)
  2) *Bactrocera zonata*, present in some North African countries (*Egypt, Libya..*)
  3) *Bactrocera dorsalis* (Diptera: Tephritidae), a new invasive fruit fly pest present in some sub-Saharan Africa countries (Potential threat for north Africa region according to several experts).
  4) Spotted Wing Drosophila (*Drosophila suzukii*)
MEDITERRANEAN FRUIT FLY *Ceratitis capitata*

(Biological control, and Mass trapping)

• **Biological control:**
  • **Introduction of the exotic parasitoids**
    • *Diachasmimorpha longicaudata* Braconid
    • Tunisia
    • Morocco
    (with the collaboration of IVIA Spain)

• **Mass trapping:** Several kinds of traps and attractants,
  • Impact on natural enemies?