

Version N° 01 – September 13th 2022

**Training session on the morphological identification of
Thysanoptera
with special focus on *Thrips palmi* Karny, 1925**

Dear National Reference Laboratory,

The EURL for Insects and Mites is glad to invite a representative of your Laboratory to participate in the EURL training on Thysanoptera. After the Proficiency Test 20PTM « Detection of *Thrips palmi* by morphological identification according to the method EPPO PM7/003(3) or any other equivalent method », this training aims to provide further knowledge on the morphological identification of this organism, and more widely the identification of all Thysanoptera. The training is aimed primarily at laboratories that have not been able to participate in the PT and that have explicitly expressed the need for training in this respect. A second session will be organized in 2023 because applications actually exceeds the maximum number of people (seven).

The morning of day one is dedicated to theory: an overview of the whole order followed by a thorough presentation of adults and immatures morphology. The accent is put on the diagnostic features for *T. palmi*. The remainder of training enables participants to practice with identification and slide-preparation of specimens. The training ends with a short evaluation trial and a debriefing discussion for us to assess the points to be modified in future sessions.

Target Audience:

- Only permanent NRL staff members;
- Only one representative of the National Reference Laboratory per Member State is allowed to participate in the training and will be reimbursed; please consult the **Reimbursement information letter** available on the EURL website Training Documents page.

Participants

To ensure an effective training, the maximum number of participants per session will be limited to seven (one per NRL). Priority is given to NRLs that manifested interest and need of training on the topic (EURL Survey, Training sessions suggestions on the EURL Website).

Programme

| DAY 1 | Agenda |
|---------------|---|
| 8:30 - 9:15 | ➤ Welcome and tour of the EURL facilities |
| 9:15 - 9:45 | ➤ The Thysanoptera: an overview. General presentation of the order (ecology, diversity, taxonomy, economic impact...). |
| 9:45 - 11:00 | ➤ Identification criteria of adults. Morphological description of adults and associated terminology. |
| 11:15 - 12:00 | ➤ Identification criteria of immatures. Morphological description of larvae and nymphs, and associated terminology. |
| 12:00 - 12:45 | ➤ Focus on <i>Thrips palmi</i>. Following the EPPD diagnostic standard PM7/003(3). |
| 12:45 - 13:00 | ➤ Resources. Presentation of some available tools for morphological identification (online and hard copies). |
| 14:00 - 17:00 | ➤ Practice session 1. A first workshop is devoted to the identification of specimens from Anses reference collection. A second focuses on slide-mounting of specimens, for both provisional examination of long-term conservation. |
| DAY 2 | Agenda |
| 8:30 - 9:00 | ➤ Welcome and discussion of questions from day 1 |
| 9:15 - 13:00 | ➤ Practice session 2. The same, with inversion of the subgroups formed the day before. |
| 14:00 - 16:00 | ➤ Practical tests. Participants are proposed two short exercises in identification and slide-mounting of Anses trial specimens. |
| 16:00 – 17:00 | ➤ Debriefing and closing discussions. |

Dates

20th - 21th October 2022

Location

The training session will be hold in the EURL facilities in Montferrier-sur-Lez (Montpellier, France):

EURL for Insects and Mites

ANSES Plant Health Laboratory - Entomology and Invasive Plants Unit

755 avenue du campus Agropolis, CS 30016

FR-34988 Montferrier-sur-Lez Cedex, France

EURL Organizers

- Pascal Rouse (ANSES, Montpellier)
- Philippe Reynaud (ANSES, Montpellier)
- Sylvie Dubois (ANSES, Angers)

Yours sincerely,

Philippe Reynaud, EURL Director