



實驗室主持人學經歷

詳細著作與計畫
請掃QR code



姓名：林鶯熹
 職稱：助理教授
 最高學歷：國立台灣大學植物病蟲害學博士
 經歷：元培醫事科技大學助理教授
 學術專長：昆蟲抗藥性、病媒防治、環境有害生物防治
 教授科目：生物學、熱帶醫學、生物統計學、傳染病學、解剖學

Name: Ying-Hsi Lin
 Job title: Assistant Professor
 Highest education: Ph.D. in Plant Pathology and Entomology, National Taiwan University
 Experience: Assistant Professor of Yuanpei University of Medical Technology
 Academic expertise: Cancer Detection and Targeted Therapy
 Teach subjects: Biology, Tropical Medicine, Biostatistics, Infectious Diseases, Anatomy



Figure The Testing equipment for testing the efficacy of environmental agent against mosquitoes.

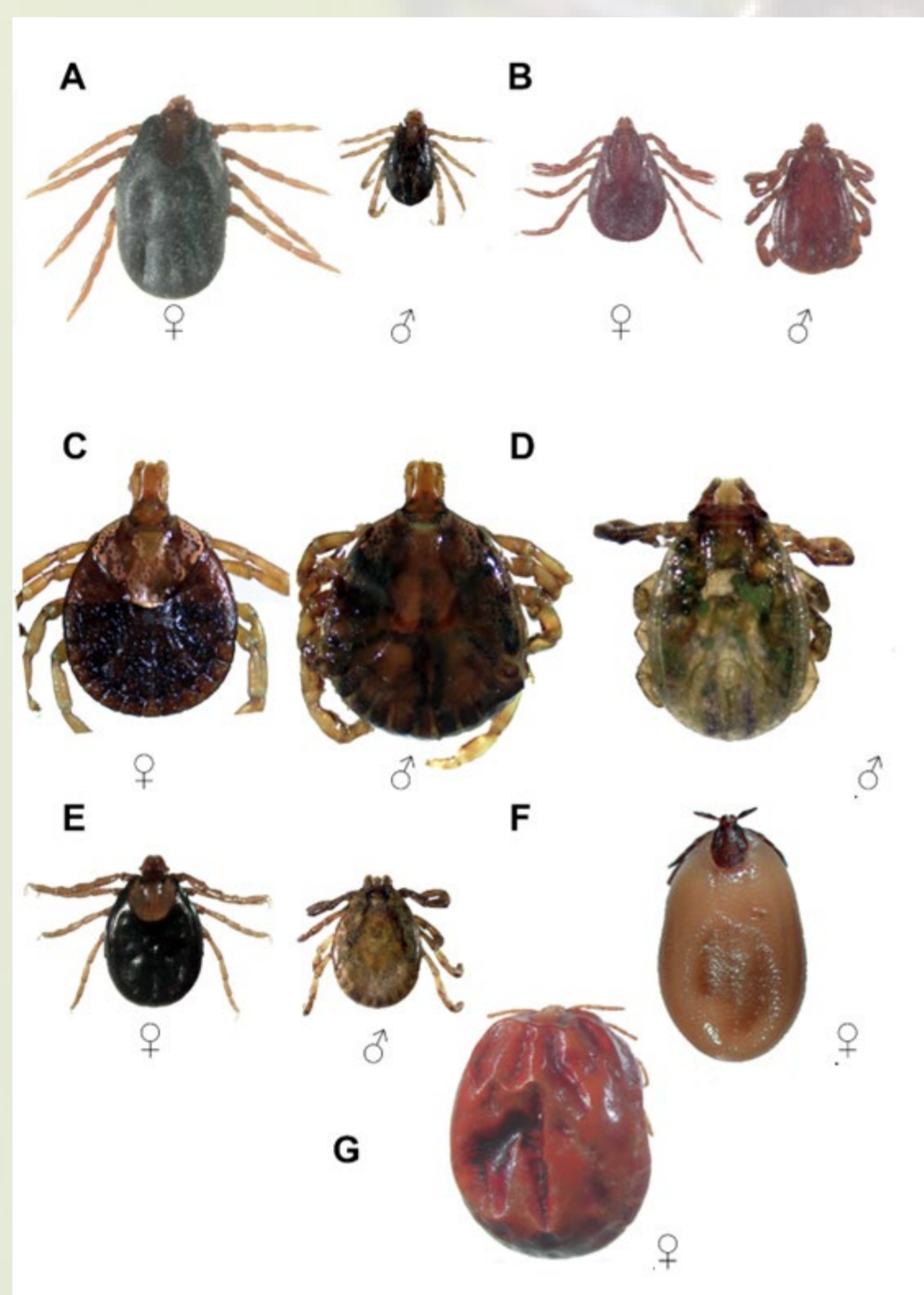


Figure Habitus of seven tick species collected from domesticated animals in the survey. (A) *R. microplus*. (B) *R. sanguineus*. (C) *A. testudinarium*. (D) *H. wellingtoni*. (E) *H. hystricis*. (F) *I. granulatus*. (G) *H. lagrangei*.

實驗室簡介

預防醫學實驗室致力於病媒傳染病之病媒，包括傳播登革熱的病媒蚊埃及斑蚊和白線斑蚊之抗藥性，傳播瘧疾的矮小瘧蚊調查，以及傳播萊姆病和發熱伴血小板減少綜合症等疾病的蜱研究。本實驗室為行政院環境保護署 毒物及化學物質局之「指定環境用藥藥效（效力）及有效成分含量分析檢驗測定機關（構）」，可接受業者申請國內環境用藥許可證時所需之環境用藥對蚊蟲的藥效委託試驗。

核心技術

蚊蟲培養、蚊蟲鑑定、蜱鑑定、生物分子檢測技術、環境衛生用藥藥效檢測、動物培養技術、標本製作。

Laboratory profile

The Preventive Medicine Laboratory works on vectors of vector-borne infectious diseases, including drug resistance of the dengue-transmitting mosquitoes, *Aedes aegypti* and *Aedes albopictus*. Survey of *Anopheles minimus* that transmit malaria, and Research on ticks that transmit like Lyme disease and Severe Fever with Thrombocytopenia Syndrome (SFTS). Our laboratory is the "The designated environmental agent efficacy (effectiveness) and active ingredient content analysis testing organization (institution)" of the Toxic and Chemical Substances Bureau of Environmental Protection Administration Executive Yuan. Acceptable entrusted tests on the efficacy of environmental agent against mosquitoes required by the industry when applying for a domestic Environmental Agent Permit.

Core Technologies

Mosquito culture, mosquito identification, tick identification, biomolecular detection technology, environmental agent efficacy detection, animal culture technology, specimen making.

Important publications

YH Lin, WL Tsen, NY Tien, YP Luo. 2013. Biochemical and molecular analyses to determine pyrethroid resistance in *Aedes aegypti*. *Pesticide Biochemistry and Physiology*. 2013 Oct.;107(2):266-276. doi: 10.1016/j.pestbp.2013.08.004.
Hu YL and Lin YH. Repelling effect of lemon eucalyptus oil patch on *Aedes albopictus*. 2023 Congress of Animal Behavior and Ecology. Taichung, Taiwan. 16-17 Jan. 2023. P 254/P 428.



Figure Survey of ticks that transmit like Lyme disease and Severe Fever with Thrombocytopenia Syndrome (SFTS) by flagging method.

聯絡資訊：
電話：03-5381183轉8165
電子信箱：yhlin@mail.ypu.edu.tw

Contact us:
Tel: 886-3-5381183 exe 8165
E-mail: yhlin@mail.ypu.edu.tw