

# Forestry and the YSSB

## Lessons learned

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# Brief



1. Contribution – difference made
2. Challenges
3. Lessons learned
4. Next time...
5. Advice for others:

# Some background

- **Forestry not a GIA signatory but trying to be**
- **Mandate for “commercial plantation forestry” – several species**
- **RSL – confidentiality requirement**

# 1. Contribution –difference made



- Supported response options
- Questioned threat to forestry

## Impact to industry

Being polyphagous YSSB has the potential to impact on some of New Zealand's high value primary industries. The host range includes several species of economic importance to New Zealand including stonefruit, apples and pine.

## 2. Challenges



- **Understanding the real risk to forestry – and to NZ**
- **Confidentiality restrictions – who to talk to?**
- **Chinese literature – difficult to read**
- **Science incorrect?**
- **No recent (English) literature**

# The host evidence - confusing

## 1. PaDIL Species Factsheet



Scientific Name:  
*Erthesina fullo* (Thunberg)  
(Hemiptera: Pentatomidae)

Common Name  
Yellow-spotted stink bug

**Abstract**

**Survey on insect pests of economic tree (or bamboo) species in Taiwan. (V) The important insect pests of *Pinus* species.**

**Abstract**

A report of damage observed in 1982-83. Pine caterpillar (*Dendrolimus punctatus*) was found attacking *Pinus taeda*, *P. elliotii*, *P. taiwanensis*, *P. echinata*, *P. massoniana*, *P. luchuensis* and *P. morrisonicola* [*P. parviflora*]. Pine shoot borer (*Dioryctria* sp.) and pine tip moth (*Cydia cristata*) are reported damaging shoots of *P. taeda*, *P. elliotii*, *P. taiwanensis*, *P. kesiya* and *P. patula*. An outbreak of the sawfly *Nesodiprion japonicus* was reported in a young plantation of *P. luchuensis* at San-Kan, Taipei, covering a total area of 15 ha.

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**Abstract details**

Author(s)  
[Chang, Y. C.](#); [Sun, J. C.](#)

Author Affiliation  
Div. For. Biol., Taiwan For. Res. Inst., Taipei, Taiwan.

Journal article  
[Quarterly Journal of Chinese Forestry](#)  
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ISSN  
0578-1345

Language of Text  
[Chinese](#)

Language of Summary  
English

Geographical Location  
[Taiwan](#)

Organism descriptor(s)  
[Cydia](#)  
[Dendrolimus](#)

## Description

*Erthesina fullo* Thunberg, is a major pest of pine trees and hardwood tree in Taiwan.

## 2.6. References

Kou, R., Tang, D.S., and Chow, Y.S. 1989. Alarm pheromone of pentatomid bug, *Erthesina fullo* T. (Hemiptera:Pentatomidae). *Journal of Chemical Ecology*.15:12: 2695-2702.



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YSSB not mentioned

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# Early evidence suspect

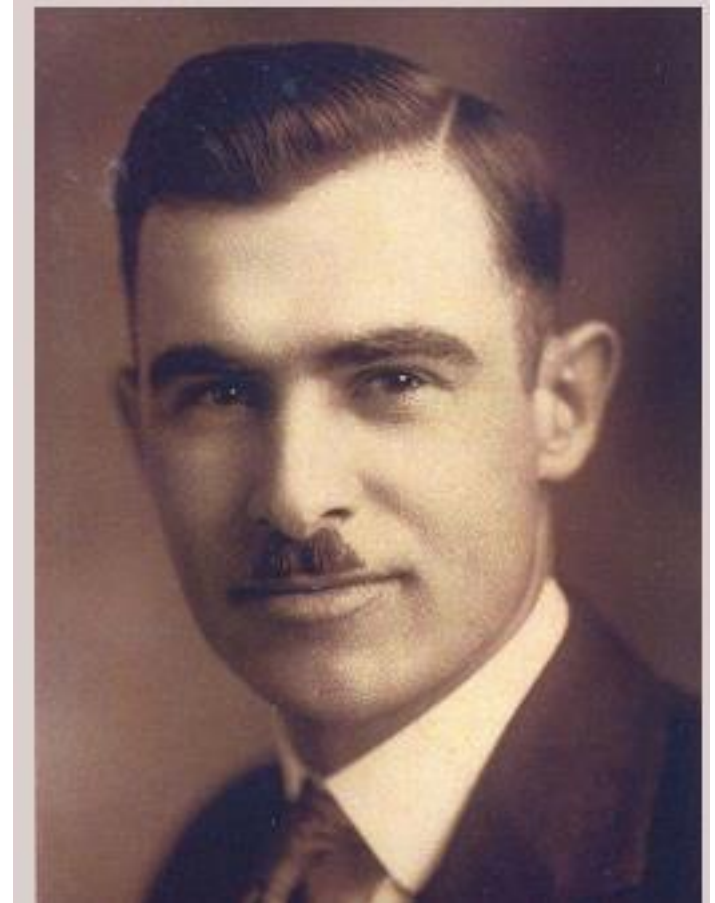
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**Publisher** Lingnan University  
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**Part Date** 1930  
**Classmark**  
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## Article Details

**Title** The food habits of *Erthesina fullo* (Thunb.).  
**Article Author**  
**Pages** 139-142



William E Hoffman



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LINGNAN SCIENCE JOURNAL  
(CONTINUATION OF LINGNAAM AGRICULTURAL REVIEW)

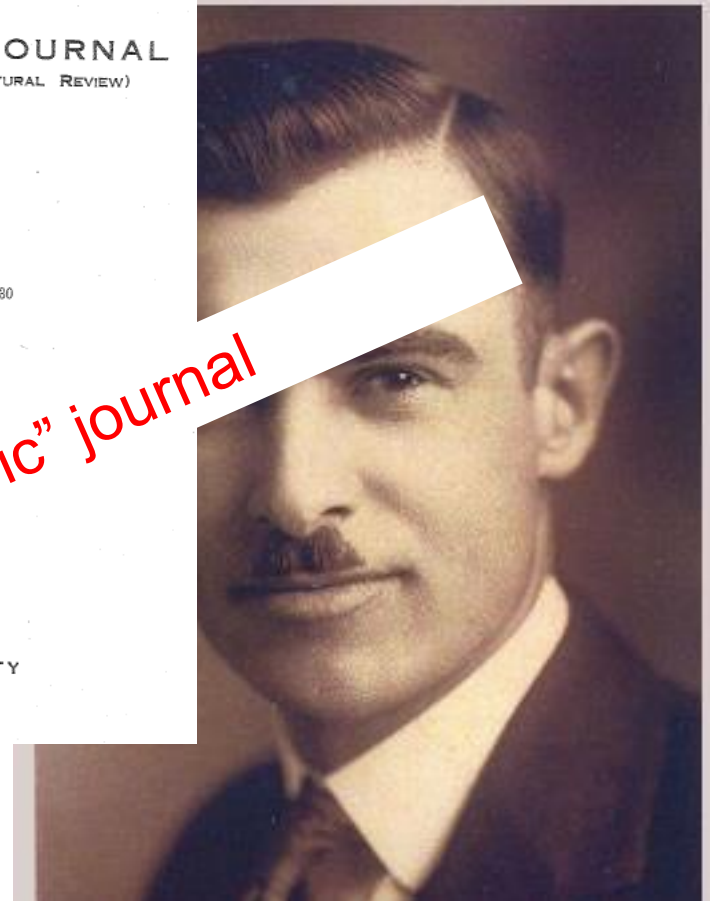
VOLUME 9

JUNE, 1930 TO DECEMBER, 1930



LINGNAN UNIVERSITY  
CANTON, CHINA

Published his own "scientific" journal



William E Hoffman

### 3. Lessons learned



- **Many uncertainties**
- **Time is limited (pests spread) and so is money = making the correct decision quickly!**
- **Don't waste money on a low risk event**

## 4. Next time



- **Next time could be more serious**
- **Seek permission to ask experts**
- **Ensure knowledgeable person on RSL**

## 5. Advice for others



- **Don't assume the literature is correct**
- **Do your homework**
- **Send someone knowledgeable to the RSL**
- **Have a battle chest (for when joint funding kicks in)**

# Thanks