

RECORDS OF THREE COMMON LEAF-ROLLERS

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To obtain more information about species of leaf-roller associated with various host plants a survey was carried out from April, 1950, to December, 1951. Specimens, collected from various host plants, were forwarded to this laboratory where each was reared individually. Almost all specimens proved to be either *Tortrix excessana* (Walker), *Austrotortrix postvittana* (Walker), or *Ctenopseustis obliquana* (Walker). These host plant records together with additional records from specimens in the Plant Diseases Division collection are given below.

Apium graveolens L. (celery).

Austrotortrix postvittana.* Auckland, June (1).†

Aster sp. cult. (michaelmas daisy).

Ctenopseustis obliquana.* Auckland, December (2).

Berberis sp. (barberry).

Ctenopseustis obliquana.* Pukekohe, March (1).

Capsicum frutescens L. (sweet pepper).

Austrotortrix postvittana.* Kaikohe, March (1).

Cedrus deodara Loud. (cedar).

Tortrix excessana.* Christchurch, February (2).

Chimonanthus sp.

Austrotortrix postvittana.* Christchurch, January (1).

Chrysanthemum sp. cult. (chrysanthemum).

Tortrix excessana.* Christchurch, February (1).

Citrus sp. (orange).

Austrotortrix postvittana. Auckland, June (1 ex fruit).
Hamilton, February (4).

Ctenopseustis obliquana. Auckland, January (1 ex fruit).
Auckland, April (1 ex fruit). Auckland, June (1
ex fruit). Auckland, July (1 ex fruit).

Citrus sp.

Tortrix excessana. Auckland, December (2).

Ctenopseustis obliquana. Auckland, February (1). Auckland,
December (3). Waikato, April (1).

* A new host plant record for species.

† The number in brackets is the number of specimens bred from a collection made at one place at one time.

- Clianthus puniceus* Banks and Soland. (red kowhai).
Ctenopseustis obliquana.* Auckland, January (1).
- Corynocarpus laevigata* Forst. (karaka).
Tortrix excessana.* Auckland, January (1).
Ctenopseustis obliquana.* Auckland, January (1).
- Cupressus sempervirens* L. (cypress).
Tortrix excessana.* Christchurch, November (2).
- Cyclamen indicum* Mill. (cyclamen).
Ctenopseustis obliquana.* Auckland, October (8). Auckland, November (1).
- Diospyros kaki* L.f. (persimmon).
Tortrix excessana.* Auckland, May (1 ex fruit).
Austrotortrix postvittana.* Auckland, May (1 ex fruit).
Ctenopseustis obliquana.* Auckland, May (1 ex fruit).
Auckland, June (1 ex fruit). Auckland (1).
- Dovyalis caffra* Warb.
Ctenopseustis obliquana.* Auckland, December (1).
- Escalonia* sp. (escalonia).
Ctenopseustis obliquana.* Auckland, December (1 ex flower).
- Eugenia smithii* Poir.
Ctenopseustis obliquana.* Auckland, December (1).
- Feijoa sellowiana* Berg. (feijoa).
Ctenopseustis obliquana.* Kaiapoi, December (1).
- Fuchsia* sp. (fuchsia).
Tortrix excessana.* Nelson, October (1).
- Humulus lupulus* L. (hops).
Austrotortrix postvittana.* Auckland, March (2 ex heads).
- Lycopersicon esculentum* Mill. (tomato).
Austrotortrix postvittana.* Auckland, January (1).
- Pisum sativum* L. (pea).
Austrotortrix postvittana.* Christchurch, February (2 ex pods).
- Pittosporum crassifolium* A. Cunn. (karo).
Tortrix excessana.* Auckland, December (1). Wellington, March (2).
- Prunus armeniaca* L. (apricot).
Tortrix excessana. Hastings, January (5). Christchurch, January (1). Christchurch, January (1). Christchurch, November (1). Christchurch, December (1). Earncleugh, January (4). Alexandra, January (1).
Austrotortrix postvittana. Te Awamutu, February (3). Christchurch, January (1).

- Ctenopseustis obliquana*. Te Awamutu, February (8).
Hastings, January (2). Christchurch, January (1).
Christchurch, November (1). Christchurch, November (2).
Christchurch, November (1). Christchurch, December (1).
Earnscliffe, January (2).
- Prunus persica* (L.) Batsch. (peach).
Ctenopseustis obliquana. Hamilton, January (1 ex fruit).
Hamilton, February (1 ex fruit).
- Prunus* sp. (cherry).
Tortrix excessana. Roxburgh, October (1).
Austrotortrix postvittana. Christchurch, January (1).
*Ctenopseustis obliquana** Greytown, September (1 ex bud).
Roxburgh, October (2).
- Prunus* sp. (ornamental cherry).
Tortrix excessana. Hamilton, February (2).
*Ctenopseustis obliquana** Hamilton, February (4).
- Prunus* sp. (plum).
Tortrix excessana. Christchurch, January (1). Christchurch,
January (2). Christchurch, September (2).
Austrotortrix postvittana. Orini, February (1). Christchurch,
January (1).
Ctenopseustis obliquana. Orini, February (7). Hamilton,
January (1). Christchurch, January (1). Christchurch,
January (1). Christchurch, January (1).
- Pyrus malus* L. (apple).
Tortrix excessana. Hamilton, January (1). Havelock North,
March (2). Christchurch, February (1).
Austrotortrix postvittana. Huapai, February (14). Auckland,
April (1 ex fruit). Auckland, July (1). Auckland (2).
Hamilton, January (1). Hamilton, February (1). Havelock North,
March (3). Christchurch, February (1).
Ctenopseustis obliquana. Auckland, April (1 ex fruit).
Auckland, July (1). Hamilton, January (3). Havelock North,
March (3).
- Ribes grossularia* L. (gooseberry).
*Ctenopseustis obliquana** Auckland, March (1).
- Ribes nigrum* L. (blackcurrant).
*Tortrix excessana** Levin, October (1). Dunedin, April (6).
*Austrotortrix postvittana** Levin, October (1).
*Ctenopseustis obliquana** Dunedin, April (1).

- Rosa* sp. cult. (rose).
Tortrix excessana. Havelock North, April (4).
Austrotortrix postvittana. Te Kauwhata, February (5).
Havelock North, April (1). Christchurch, February (1).
*Ctenopseustis obliquana**. Te Kauwhata, February (1).
Havelock North, April (1).
- Rubus fruticosus* L. (blackberry).
Austrotortrix postvittana. Tinopai, March (1). Nelson, May (1).
- Rubus idaeus* L. (raspberry).
Austrotortrix postvittana. Auckland, November (1).
Taupo, January (1).
- Rubus* sp.
Tortrix excessana. Auckland, April (1).
Austrotortrix postvittana. Auckland, April (3).
Ctenopseustis obliquana. Auckland, April (3).
- Salix* sp. (willow).
*Tortrix excessana**. Opehi, February (1).
- Sonchus oleraceus* L. (sowthistle).
*Austrotortrix postvittana**. Auckland, February (1).
- Thuja plicata* Don.
*Austrotortrix postvittana**. Christchurch, October (1).
- Vitis vinifera* L. (grape).
*Tortrix excessana**. Christchurch, February (2).
Ctenopseustis obliquana. Auckland, December (1).
Christchurch, February (1).
- Vitis* sp.
Austrotortrix postvittana. Auckland, February (5).
- Zea mays* L. (maize).
*Austrotortrix postvittana**. Auckland, February (1 ex cob-silk).

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