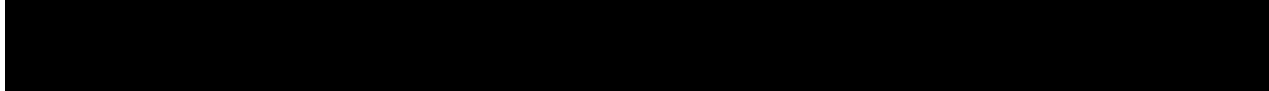
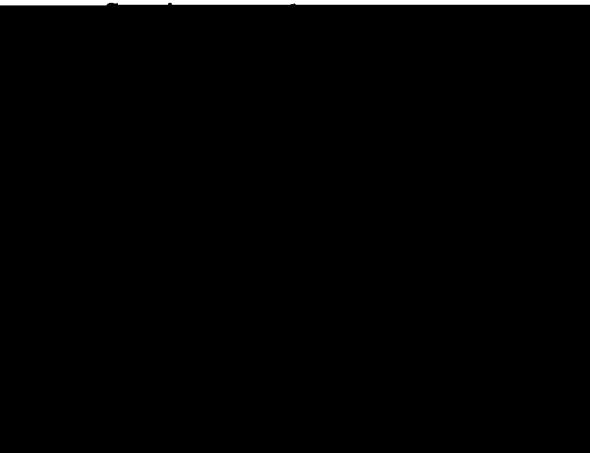
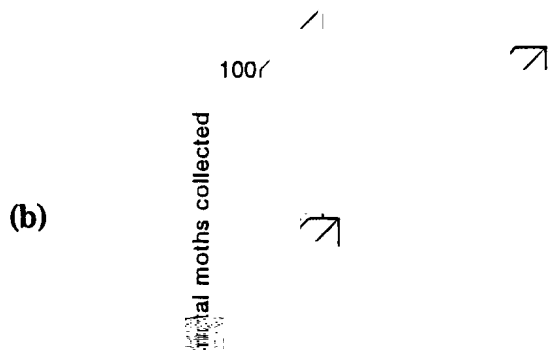


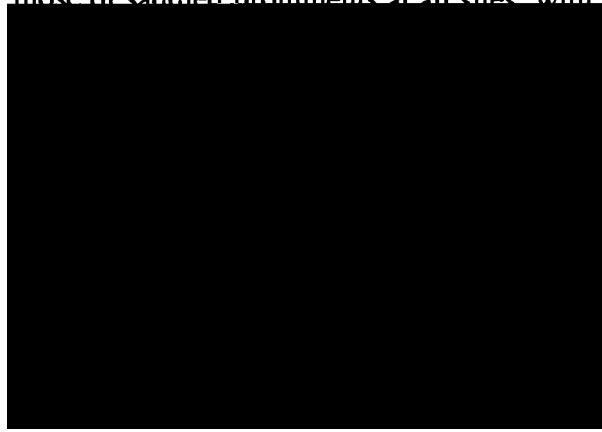
Figure 1. Annual total number of adults of (a) forest tent caterpillar, *Malacosoma disstria* and

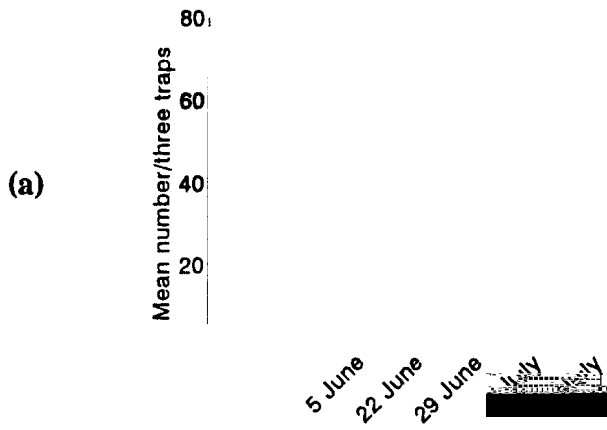
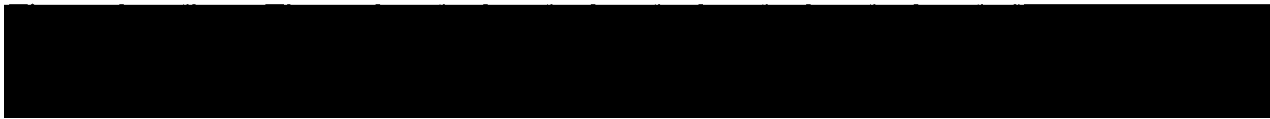


(a)



those of saddled prominents at all sites, with





70.

(b)

(c)

Orange-humped mapleworm
(*Sumneria lucina*) is a minor pest in most
regions. The life cycle of this caterpillar
is described in detail by several authors
(Allen, 1924; Cresson, 1924; Whittaker,
1924; Whittaker et al., 1925). This
species is very common in the

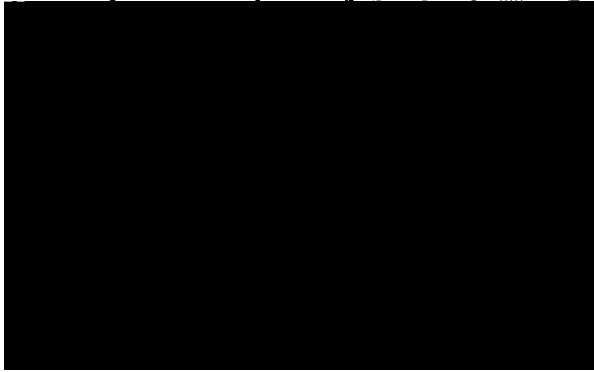
Figure 3: Amount of organic carbon (mg C m⁻²) in the top 10 cm of soil collected from 1992 to 2000 at the Underhill (715 m) site.

Mean

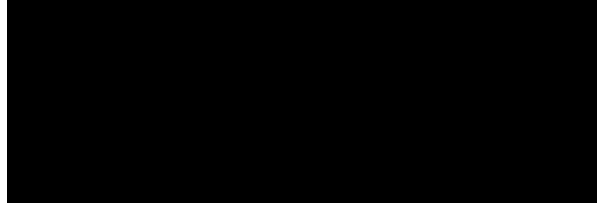
Underhill (715 m)

Collection date

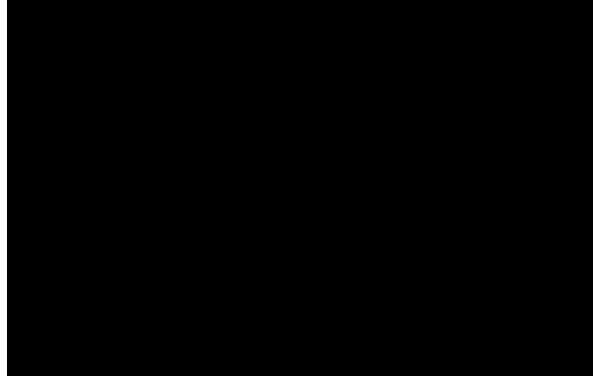
higher elevations (Fig. 4), but was similar to USP640, both of which were lower than USP715.



5). The opposite pattern is found for the Welsh wave (*Venusia cambrica*, Geometridae) which is recorded from a range of trees including alder, birch

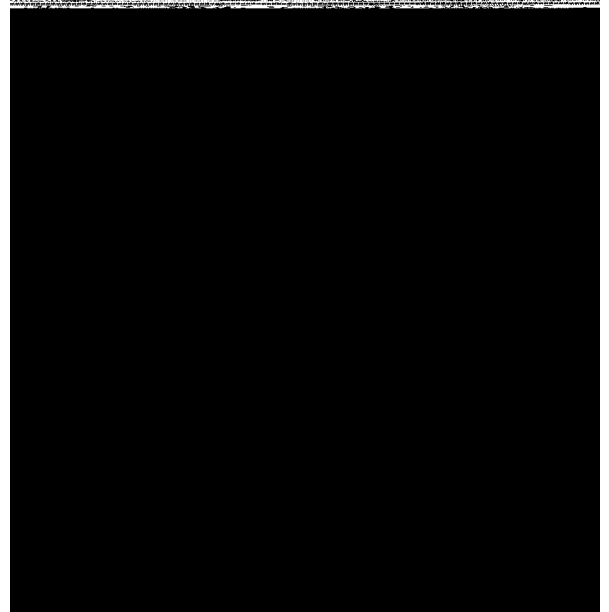


project is to relate the taxonomic

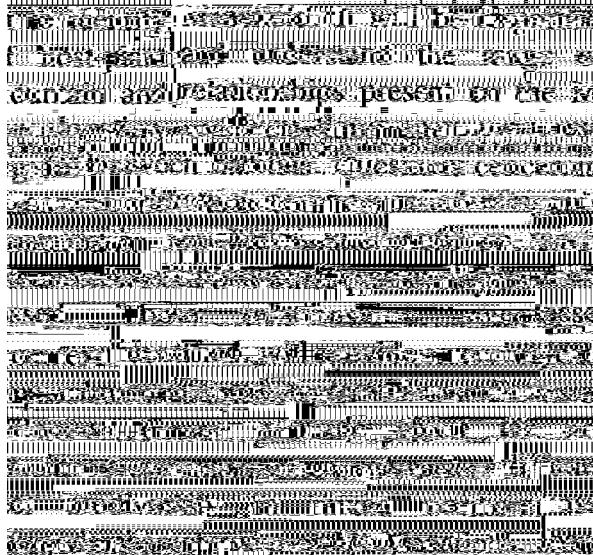


occur north of the Mexican border (Lepidoptera, Notodontidae). *The Canadian Entomologist* 78:97-103

management: Dichane, 1990. Sugarbeet tree health: a guide to monitoring

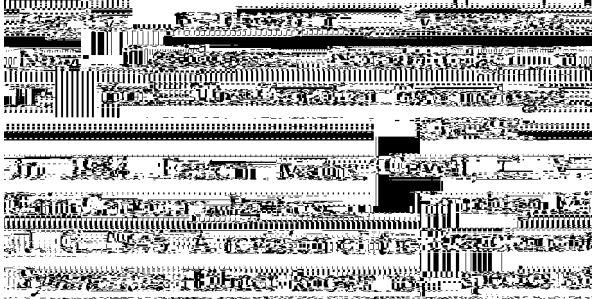


Host-plant documentation will allow general predictions about the ecological and potential forest management significance of the Lepidoptera biodiversity structure on Mt



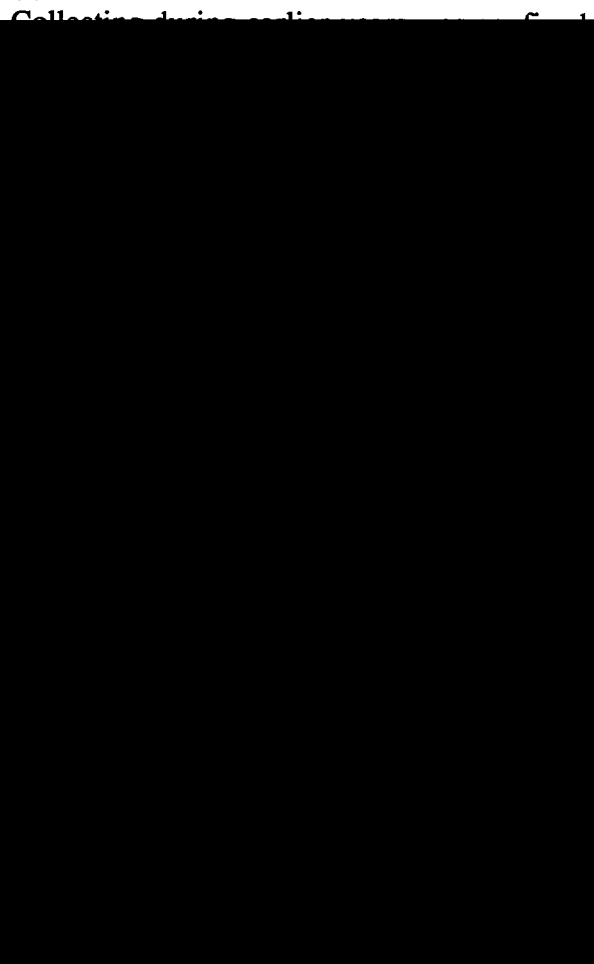
References

Allen, D. C. 1979. Observations on biology and natural control of the orangehumped



(c) New records

Collecting during expedition on 6/11/95



Lasiocampidae



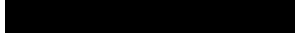
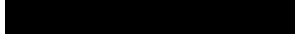
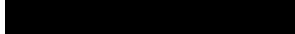
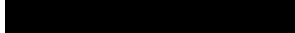
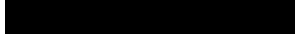
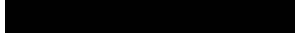
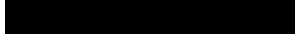
Lymantriidae

Lymantria dispar 7

Noctuidae

Acronicta funeralis 1

Anticarsia gemmatalis 1

 2 1 2 1 1 1 1 1

Notodontidae

Clostera apicalis

Sphingidae

Porcella gordius

Sphecodia abboti 2

Discussion: Relevance to Forest

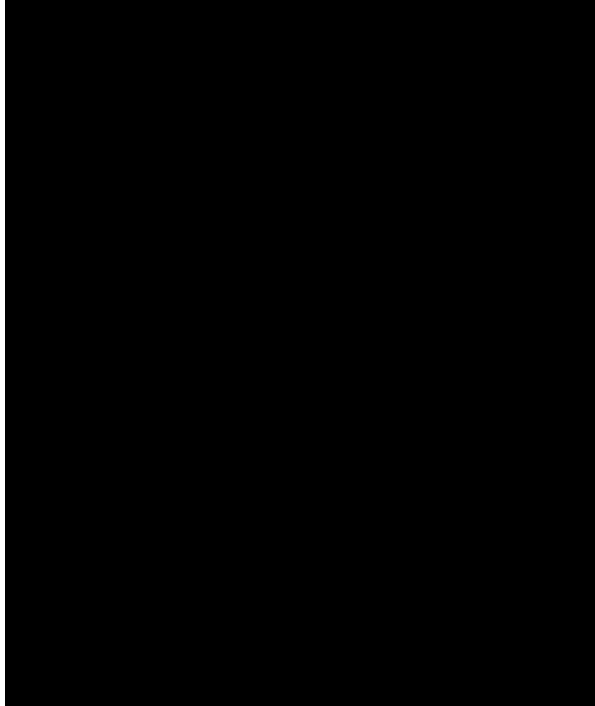


Table 1. New species records in 1995 of Mount Mansfield Lepidoptera.

| Species | Number |
|--------------------------------|--------|
| Arctiidae | |
| <i>Lophocampa caryae</i> | 1 |
| <i>Haploa confusa</i> | 3 |
| Drepanidae | |
| <i>Oreta rosea</i> | 3 |
| Geometridae | |
| <i>Eulithis explanata</i> | 5 |
| <i>Lobophora nivigerata</i> | 2 |
| <i>Lomographa semicolorata</i> | 5 |
| <i>Semiothisa fassinotata</i> | 10 |