

THE INSECT PEST SURVEY BULLETIN.

A monthly review of entomological conditions throughout the United States.

Volume 1.

Index.

BUREAU OF ENTOMOLOGY
UNITED STATES
DEPARTMENT OF AGRICULTURE
AND
THE STATE ENTOMOLOGICAL
AGENCIES COOPERATING.

INDEX TO INSECT PEST SURVEY BULLETIN

VOLUME I, 1921

In the following index to Volume I of the Insect Pest Survey Bulletin, all technical names are underlined. Parentheses enclosing names of describers, to indicate reference of a species to the indicated genus subsequent to the description of that species, have been omitted. For convenience of reference, common names have been included in the index, but citations in these cases are only indicated by cross reference to the technical names.

It is hoped that the common names used by the Survey will be accepted by all working entomologists, and eventually adopted by the American Association of Economic Entomologists. We wish particularly to urge upon our collaborators the use of these common names already accepted by the Association and which should be considered as official names by all American Economic Entomologists. Dr. W. E. Hooker, who for many years, has reviewed the literature on Economic Entomology for the Experiment Station Record, suggests the plan followed in this index, of indicating these common names approved by the American Association of Economic Entomologists by affixing the letters, a. n. o. (americano nomina officinale) and in this way directing attention to the desirability of using these approved names.

The Entomologist in charge of the Insect Pest Survey here wishes to acknowledge the assistance he has received throughout the year, and particularly, in preparing this index, from the following taxonomists working in the United States National Museum: Mr. E. A. Schwarz, Dr. H. G. Dyar, Dr. Carl Heinrich, Dr. J. M. Aldrich, Dr. H. E. Ewing, Mr. A. N. Caudell, Mr. S. A. Rohwer, Mr. R. A. Cushman, and Mr. A. B. Gahan.

INDEX TO INSECT PEST SURVEY BULLETIN

VOLUME 1, 1921.

<u>A</u>	No.	Page.
Abbott's white pine sawfly, see <u>Lophyrus abbottii</u> Leach.		
Abbreviated wireworm, see <u>Cryptohypnus abbreviatus</u> Say.		
Achemon sphinx, see <u>Pholus achemon</u> Drury.		
<u>Aclerda</u> sp. -----	2	60
<u>Acridiidae</u> -----	2	43
	3	92
	4	153
	5	193, 221
	6	233
<u>Acrobasis hebescella</u> Hulst. -----	2	55
	6	245
<u>Acrobasis nebulella</u> Riley, see <u>Mineola nebulella</u> Riley.		
<u>Adalia bipunctata</u> L. -----	1	23
	2	64
<u>Adelges abietis</u> Kalt. -----	2	70
	3	131
	6	250
<u>Aedes abfitchii</u> Felt -----	2	76
<u>Aedes canadensis</u> Theob. -----	2	76
<u>Aegeria exitiosa</u> Say. -----	1	23
	2	55
	3	106
	5	200
	6	244
	7	275
<u>Aegeria pictipes</u> G. & R. -----	2	55
	3	106
	5	200
	6	244
<u>Aegeria pyri</u> Harris. -----	4	160
<u>Agallia sanguinolenta</u> Prov. -----	1	9
	3	86
	4	154
<u>Agonoderus pallipes</u> Fab. -----	4	152
<u>Agrilus anxius</u> Gory. -----	2	71
	4	181
<u>Agrilus ruficollis</u> Fab. -----	3	112
<u>Agriolimax agrestis</u> L. -----	1	30
	2	43, 74
	3	117, 125
	6	255
<u>Agriotes mancus</u> Say -----	3	90
	4	154, 170

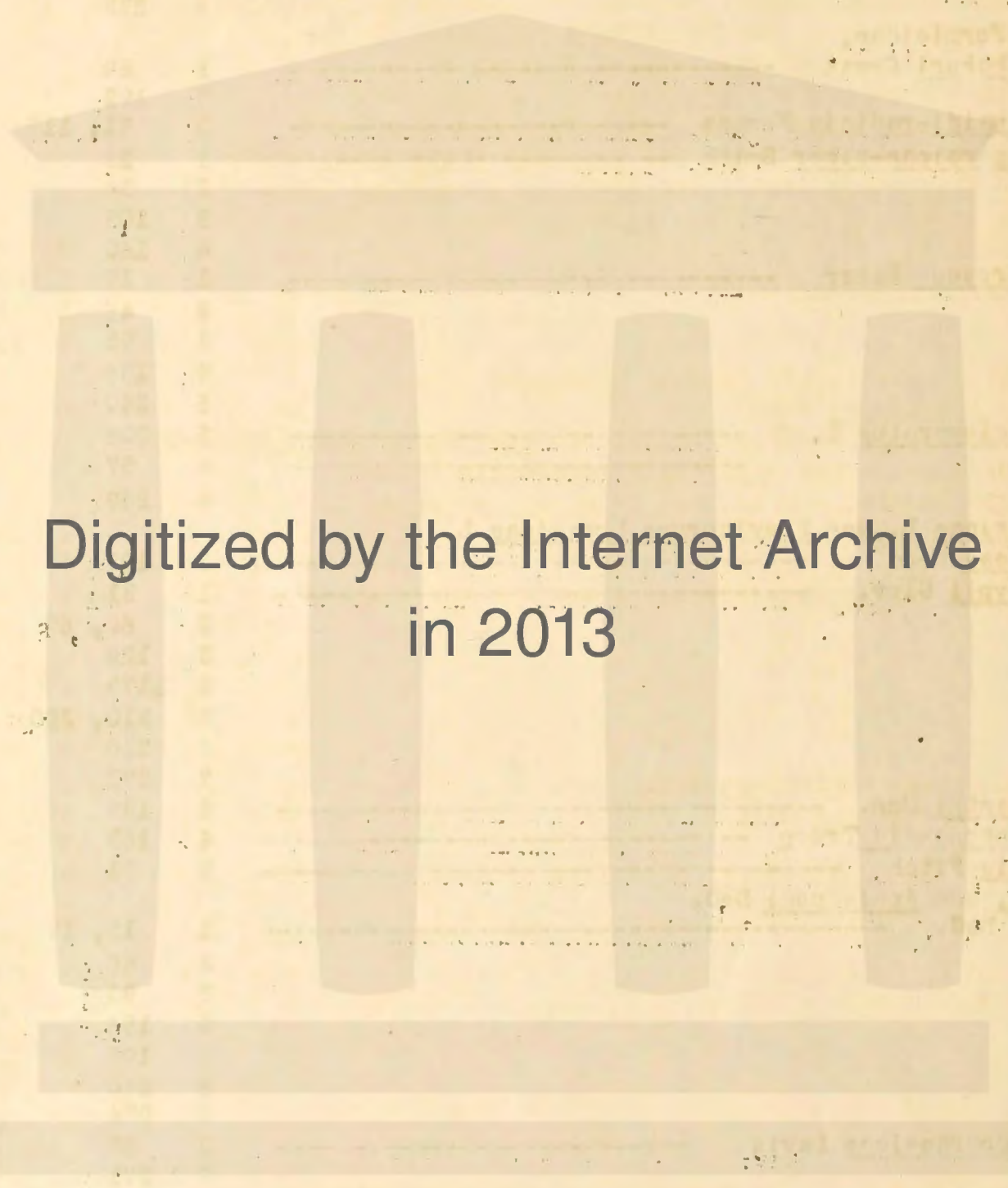
THE UNIVERSITY OF CHICAGO

<u>Agromyza parvicornis</u> Loew.	-----	3	86
<u>Agrotis c-nigrum</u> L.	-----	4	148
<u>Alabama argillacea</u> Hubn.	-----	5	220
		6	245, 252
		7	279
<u>Alcaeorrhynchus grandis</u> Dall.	-----	5	212
Alder blight,	see <u>Prociphilus tessellatus</u> Fitch.		
Alfalfa caterpillar	see <u>Eurymus eurytheme</u> Boisd.		
Alfalfa gall midge	see <u>Asphondylia websteri</u> Felt.		
Alfalfa leaf weevil, a.n.o.	see <u>Phytonomus posticus</u> Gyll.		
Alfalfa webworm	see <u>Loxostege commixtalis</u> Walk.		
<u>Alsophila pometaria</u> Harr.	-----	1	20
		2	49, 73
		3	99, 136
		4	178
<u>Altica</u> , see <u>Haltica</u>			
<u>Alypia octomaculata</u> Fab.	-----	3	114
		5	202
American dog tick,	see <u>Dermacentor variabilis</u> Say.		
American holly leaf miner,	see <u>Phytomyza obscurella</u> v. <u>ilicicola</u> Loew.		
<u>Anabrus simplex</u> Hald.	-----	5	188
<u>Anarsia lineatella</u> Zell.	-----	3	106
		4	160
		7	276
<u>Anasa tristis</u> DeG.	-----	4	175
		5	210
		6	239
<u>Ancyliis angulifasciana</u> Zell.	-----	2	42
<u>Ancyliis comptana</u> Froehl.	-----	2	68
		3	124
		4	173
		5	207
<u>Andricus seminator</u> Harr.	-----	3	134
<u>Anisandrus pyri</u> Peck.	-----	2 ⁿ	53
<u>Anisota rubicunda</u> Fab.	-----	2	70
		4	178
		7	281
Angoumois grain-moth, a.n.o.,	see <u>Sitotroga cerealella</u> Oliv.		
<u>Anopheles punctipennis</u> Say.	-----	2	76
<u>Anopheles walkeri</u> Theob.	-----	5	225
<u>Anthonomus grandis</u> Boh.	-----	1	14 ✓
		3	117 ✓
		4	165 ✓
		5	219 ✓
		6	252 ✓
		7	279 ✓

100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200

100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200

	No.	Page.
<u>Anthonomus signatus</u> Say -----	1	30
	2	67
	3	124
	6	237
<u>Anticarsia gemmatilis</u> Hübner. -----	5	193
	6	233
Ants, see Formicidae.		
<u>Anuraphis bakeri</u> Cowan -----	3	89
	5	192
<u>Anuraphis maidi-radicis</u> Forbes -----	3	91, 117
<u>Anuraphis persicae-niger</u> Smith -----	1	23
	2	54
	3	105
	4	160
<u>Anuraphis roseus</u> Baker -----	1	17
	2	46
	3	95
	4	156
	6	240
<u>Apanteles glomeratus</u> L. -----	5	206
<u>Apatela</u> sp. -----	4	57
	6	249
<u>Aphis brassicae</u> L., see <u>Brevicoryne brassicae</u> L.		
<u>Aphis forbesi</u> Weed -----	3	125
<u>Aphis gossypii</u> Glov. -----	1	31
	2	60, 67
	3	128
	4	1175
	5	210, 220
	6	238
	7	273
<u>Aphis helianthi</u> Mon. -----	3	139
<u>Aphis houghtonensis</u> Troop -----	4	163
<u>Aphis maidis</u> Fitch -----	3	91
<u>Aphis mali</u> , see <u>Aphis pomi</u> DeG.		
<u>Aphis pomi</u> DeG. -----	1	15, 17
	2	46
	3	94
	4	156
	5	195
	6	240
	7	274
<u>Aphis pseudobrassicae</u> Davis -----	2	69
	7	271
<u>Aphis rumicis</u> L. -----	3	138
	6	238
	7	273
<u>Aphis spiraeicola</u> Patch -----	3	139



Digitized by the Internet Archive
in 2013

<http://archive.org/details/insect01unit>

Apple and thorn skeletonizer, see <u>Hemerophila pariana</u> Clerck.		
Apple aphid, a.n.o., see <u>Aphis pomi</u> DeG.		
Apple dagger-moth, see <u>Apatela</u> sp.		
Apple flea-weevil, see <u>Orchestes pallicornis</u> Say.		
Apple-grain aphid, see <u>Rhopalosiphum prunifoliae</u> Fitch.		
Apple leafhopper, a.n.o., see <u>Empoasca mali</u> LeB.		
Apple-leaf skeletonizer, a.n.o., see <u>Canarsia hammondi</u> Riley.		
Apple-leaf trumpet miner, a.n.o., see <u>Tischeria malifoliella</u> Clem.		
Apple maggot, a.n.o., see <u>Rhagoletis pomonella</u> Walsh.		
Apple red bug, see <u>Heterocordylus malinus</u> Reut.		
Apple seed chalcid, see <u>Syntomaspis druparum</u> Boh.		
Arborvitae leaf-miner, see <u>Argyresthia thuiella</u> Pack.		
<u>Archips argyrospila</u> Walk., see <u>Cacoecia argyrospila</u> Walk.		
<u>Archips obsoletana</u> Walk., see <u>Cacoecia obsoletana</u> Walk.		
<u>Archips rosaceana</u> Harr., see <u>Cacoecia rosaceana</u> Harr.		
<u>Argas miniatus</u> Koch - - - - -	20	78
<u>Argyresthia thuiella</u> Pack. - - - - -	1	32
	2	72
	3	134
Army worm, a.n.o., see <u>Cirphis unipuncta</u> Haw.		
<u>Artipus floridanus</u> Horn - - - - -	2	58
Ash-gray blister beetle, a.n.o., see <u>Macrobasis unicolor</u> Kirby.		
Ash midrib gall, see <u>Contarinia canadensis</u> Felt.		
Asparagus beetle, a.n.o., see <u>Crioceris asparagi</u> L.		
<u>Asphondylia websteri</u> Felt. - - - - -	4	154
<u>Aspidiotus hederæ</u> (Vallot) - - - - -	5	223
<u>Aspidiotus perniciosus</u> Comst. - - - - -	1	20
	2	51
	3	101
	4	159, 161
	6	242
	7	276
<u>Asterolecanium variolosum</u> Ratz. - - - - -	3	134
<u>Atropos divinatoria</u> Mull. - - - - -	6	256
	7	280
<u>Aulacaspis pentagona</u> Targ. - - - - -	7	284
<u>Aulacaspis rosæ</u> Bouche - - - - -	2	74
	6	255
<u>Automeris io</u> Fab. - - - - -	6	255
<u>Autographa brassicae</u> Riley - - - - -	5	207
	6	237
	7	271

B.

Bagworm, a.n.o., see <u>Thyridopteryx ephemeraeformis</u> Haw.		
Baker's mealybug, see <u>Pseudococcus bakeri</u> Essig.		
<u>Balaninus caryæ</u> Horn - - - - -	6	246
Banded black blister beetle, see <u>Macrobasis segmentata</u> Say.		
Banded flea-beetle, see <u>Systema taeniata</u> Say.		
Bean aphid, see <u>Aphis rumicis</u> L.		
Bean leaf-beetle, a.n.o., see <u>Cerotoma trifurcata</u> Forst.		
Bean weevil, a.n.o., see <u>Mylabris obtectus</u> Say.		
Bedbug, a.n.o., see <u>Cimex lectularius</u> L.		

	No.	Page.
Beech aphid, see <u>Phyllaphis fagi</u> L.		
Belted cucumber beetle, see <u>Diabrotica balteata</u> Lec.		
<u>Bembecia marginata</u> Harr. -----	2	56
<u>Bemisia inconspicua</u> Quaint. -----	5	212
	6	238, 239
<u>Bibio nervosus</u> Loew -----	2	42
<u>Biorhiza forticornis</u> Walsh -----	3	134
Birch leaf skeletonizer, see <u>Bucculatrix canadensisella</u> Chamb.		
Blackhead cranberry worm, a.n.o., see <u>Rhopobota naevana</u> Hübner.		
Black peach aphid, a.n.o., see <u>Anuraphis persicae-niger</u> Smith.		
Black-striped ear-fly, see <u>Chrysops vittatus</u> Wied.		
<u>Blissus leucopterus</u> Say -----	1	1
	2	35
	3	81
	4	149
	5	191
	6	229
	7	264
Blister beetles, see <u>Epicauta</u> spp. and <u>Macrobasis</u> spp.		
Blue-grass billbug, see <u>Sphenophorus parvulus</u> Gyll.		
Blue-green citrus weevil, see <u>Pachnaeus opalus</u> Oliv.		
Boll weevil, a.n.o., see <u>Anthonomus grandis</u> Boh.		
Bollworm, a.n.o., see <u>Chloridea obsoleta</u> Fab.		
Book-louse, a.n.o., see <u>Atropos divinatoria</u> Mull.		
Boxelder aphid, see <u>Periphyllus negundinis</u> Thom.		
Boxelder plant-bug, see <u>Leptocoris trivittatus</u> Say.		
Boxwood leaf-miner, see <u>Monarthropalpus buxi</u> Labou.		
<u>Brachyrhinus ovatus</u> L. -----	3	124
	4	173
<u>Brachyrhinus rugifrons</u> Gyll. -----	1	30
	2	68
Brassy flea-beetle, see <u>Chaetocnema pulicaria</u> Melsh.		
<u>Brevicoryne brassicae</u> L. -----	1	28
	3	123
	4	172
	5	206
	6	237
Bristly cutworm, see <u>Polia renigera</u> Steph.		
Bronze birch borer, see <u>Agrilus anxius</u> Gory.		
Bronzed cutworm, a.n.o., see <u>Nephelodes minians</u> Guen.		
Brown colaspis, see Grape colaspis.		
Brown cotton bug, see <u>Euschistus servus</u> Say.		
Brown plum aphid, see <u>Hysteroneura setariae</u> Thom.		
Brown-tail moth, a.n.o., see <u>Euproctis chrysorrhoea</u> L.		
<u>Bruchophagus funebris</u> How. -----	5	192
<u>Bruchus</u> , see <u>Mylabris</u> .		
<u>Bryobia praetiosa</u> Koch -----	1	11
	5	199
<u>Bucculatrix canadensisella</u> Chamb. -----	6	249
<u>Bucculatrix pomifoliella</u> Clem. -----	1	18
	2	48
	3	97
Buck moth, a.n.o., see <u>Hemileuca maia</u> Drury.		

	No.	Page.
Bud moth, a.n.o., see <u>Tmetocera ocellana</u> Schif.		
Budworm, see <u>Chloridea virescens</u> Fab.		
Buffalo tree-hopper, a.n.o., see <u>Ceresa bubalus</u> Fab.		
Bumble flower beetle, see <u>Euphoria inda</u> L.		
<u>Byturus unicolor</u> Say - - - - -	1	24

2	56
3	111
4	164
5	201

C.

Cabbage aphid, a.n.o., see <u>Brevicoryne brassicae</u> L.		
Cabbage looper, a.n.o., see <u>Autographa brassicae</u> Riley.		
Cabbage maggot, a.n.o., see <u>Hylemyia brassicae</u> Bouche.		
Cabbage seed weevil, see <u>Ceutorhynchus quadridens</u> Panz.		
Cabbage webworm, a.n.o., see <u>Hellula undalis</u> Fab.		
Cabbage worm, imported, see <u>Pontia rapae</u> L.		
<u>Cacoecia argyrospila</u> Walk. - - - - -	1	18
	2	47
	3	95, 105
	4	157
	5	197
	6	240, 243,
		246
<u>Cacoecia cerasivorana</u> Fitch - - - - -	3	108
<u>Cacoecia obsoletana</u> Walk. - - - - -	3	124
	5	208
<u>Cacoecia rosaceana</u> Harr. - - - - -	3	139
Cadelle, a.n.o., see <u>Tenebroides mauritanicus</u> L.		
<u>Caenurgia erectea</u> Cram. - - - - -	2	41
<u>Calaphis betulaecolens</u> Fitch. - - - - -	2	71
<u>Calendra granaria</u> L. - - - - -	6	256
<u>Caliroa cerasia</u> L. - - - - -	3	104, 108
	4	162
	5	199
<u>Camnula pellucida</u> Scudder - - - - -	2	44
	4	153
Camphor scale, see <u>Pseudaonidia duplex</u> Ckll.		
<u>Canarsia hammondi</u> Riley, see <u>Psorosina hammondi</u> Riley.		
Carpenter worm, a.n.o., see <u>Prionoxystus robiniae</u> Peck.		
<u>Carpocapsa pomonella</u> L. - - - - -	1	14
	2	47
	3	96
	4	156
	5	196
	6	240, 243
	7	274

<u>Catalpa sphinx</u> , a.n.o., see <u>Ceratonia catalpae</u> Boisd.		
Cat flea, see <u>Ctenocephalus felis</u> Bouche.		
<u>Cathartus advena</u> Waltl. - - - - -	6	256
<u>Caulacampus acericaulis</u> MacG. - - - - -	4	179
<u>Celama sorghiella</u> Riley - - - - -	7	266
Celery butterfly, see <u>Papilio polyxenes</u> Fab.		
<u>Cephus cinctus</u> Nort. - - - - -	4	149
<u>Cephus pygmaeus</u> L. - - - - -	4	149
<u>Ceramica picta</u> Harr. - - - - -	3	129
<u>Ceratomegilla fuscilabris</u> Muls. - - - - -	1	5, 10
<u>Ceratonia catalpae</u> Boisd. - - - - -	3	136
	4	181
	5	217
	6	250
<u>Cercopidae</u> - - - - -	3	112
<u>Ceresa bubalus</u> Fab. - - - - -	2	52
	3	101
	4	159
<u>Ceratomyia trifurcata</u> Foerst. - - - - -	1	29
	3	126
	5	193
	6	232
<u>Ceutorhynchus quadridens</u> Panz. - - - - -	3	123
	7	271
<u>Chaetocnema confinis</u> Cr. - - - - -	2	68
<u>Chaetocnema pulicaria</u> Melsh. - - - - -	3	91
<u>Chaitophorus aceris</u> L. - - - - -	2	70
<u>Chaitophorus lyropicta</u> Kess. - - - - -	2	70
<u>Chaitophorus negundinis</u> Thomas - - - - -	2	71
	3	133
<u>Chalcodermus aeneus</u> Boh. - - - - -	3	126
	4	165
	5	193
	6	233
	7	269
<u>Chalcoides helxines</u> L. - - - - -	3	130
<u>Chalepus dorsalis</u> Thunb. - - - - -	4	181
<u>Chermes laricis</u> Hartig - - - - -	2	72
<u>Chermes pinicorticis</u> Fitch - - - - -	1	32
Cherry aphid, a.n.o., see <u>Myzus cerasi</u> Fab.		
Cherry fruit maggot, a.n.o., see <u>Rhagoletis cingulata</u> Loew.		
Cherry tree tortrix, see <u>Cacoecia cerasivorana</u> Fitch.		
Chigger, see <u>Trombidium</u> sp.		
<u>Chilo plejadellus</u> Zinck. - - - - -	4	167
Chinch-bug, a.n.o., see <u>Blissus leucopterus</u> Say.		
Chinch-bug, egg parasite, see <u>Eumicrosoma benefica</u> Gahan.		
<u>Chionaspis americana</u> John. - - - - -	4	180
	5	216
<u>Chionaspis euonymi</u> Comst. - - - - -	6	254
<u>Chionaspis furfura</u> Fitch - - - - -	3	102
<u>Chionaspis pinifoliae</u> Fitch - - - - -	3	134
	4	182
	5	217
	6	251

	No.	Page.
<u>Chloridea obsoleta</u> Fab. - - - - -	3	89, 122, 137
	4	150, 171
	5	190
	6	230
	7	262
<u>Chloridea virescens</u> Fab. - - - - -	2	59
<u>Chlorotettix unicolor</u> Fitch - - - - -	1	20
	3	101
<u>Chorizagrotis auxiliaris</u> Grote - - - - -	3	84
	4	147
<u>Chorizagrotis</u> sp. - - - - -	1	8
<u>Chrysanthemum</u> gall midge, see <u>Diarthronomyia hypogaea</u> F. Loew.		
<u>Chrysobothris femorata</u> Oliv. - - - - -	3	102
	5	198
<u>Chrysomphalus dictyospermi</u> Morg. - - - - -	7	278
<u>Chrysomya macellaria</u> Fab. - - - - -	3	140
	5	226
<u>Chrysops niger</u> Macq. - - - - -	2	77
<u>Chrysops obsoletus</u> Wied. - - - - -	5	224
<u>Chrysops vittatus</u> Wied. - - - - -	5	224
Cicada, see <u>Okanogana rimosa</u> Say.		
Cigar case-bearer, a.n.o., see <u>Coleophora fletcherella</u> Fern.		
<u>Cimex lectularius</u> L. - - - - -	6	255
<u>Cirphis unipuncta</u> Haw. - - - - -	1	7
	2	45
	3	90
	4	148, 151
	6	231
	7	264

C.

Citrophilus mealybug, see <u>Pseudococcus gahani</u> Green.		
Citrus mealybug, a.n.o., see <u>Pseudococcus citri</u> Risso.		
Citrus rust mite, a.n.o., see <u>Eriophyes oleivorus</u> Ashm.		
Citrus whitefly, a.n.o., see <u>Dialeurodes citri</u> Ashm.		
Clear-winged locust, see <u>Camnula pellucida</u> Scud.		
Clover aphid, see <u>Anurophis bakeri</u> Cowan.		
Clover butterfly, see <u>Eurymus philodice</u> Godart.		
Clover leafhopper, see <u>Agallia sanguinolenta</u> Prov.		
Clover leaf-tyer, see <u>Ancylis angulifasciana</u> Zell.		
Clover leaf weevil, see <u>Hypera punctata</u> Fab.		
Clover mite, a.n.o., see <u>Bryobia praetiosa</u> Koch.		
Clover root-borer a.n.o., see <u>Hylastinus obscurus</u> Marsh.		
Clover root curculio, see <u>Sitona hispidulus</u> Fab.		
Clover seed caterpillar, see <u>Enarmonia interstinctana</u> Clem.		
Clover seed chalcid, see <u>Bruchophagus funebris</u> How.		
Clover seed midge, see <u>Dasyneura leguminicola</u> Lint.		
Clover stem-borer, a.n.o., see <u>Languria mozardi</u> Latr.		
Clover tychius, see <u>Tychius picirostris</u> Fab.		
<u>Coccus hesperidum</u> L. - - - - -	5	202
Cockscomb elm-gall, see <u>Colopha ulmicola</u> Fitch.		
Coconut mealybug, a.n.o., see <u>Pseudococcus nipae</u> Mask.		

	No.	Page.
Codling moth, a.n.o., see <u>Carpocapsa pomonella</u> L.		
<u>Colaspis brunnea</u> Fab. - - - - -	2	43, 66
	3	91
	4	166
	5	208
<u>Coleophora fletcherella</u> Fernald - - - - -	1	18
	2	47
	3	97
<u>Coleophora laricella</u> Hubn.- - - - -	7	282
<u>Coleophora limosipennella</u> Dup. - - - - -	4	180
<u>Coleophora malivorella</u> Riley - - - - -	1	18
	2	48
	3	97
<u>Colopha ulmicola</u> Fitch - - - - -	3	153
Colorado corn rootworm, see <u>Diabrotica virgifera</u> Lec.		
Colorado potato beetle, a.n.o., see <u>Leptinotarsa decemlineata</u> Say.		
Columbine borer, see <u>Papaipema purpurifascia</u> G. & R.		
<u>Conotrachelus crataegi</u> Walsh - - - - -	3	104, 105
<u>Conotrachelus nenuphar</u> Hbst. - - - - -	1	23
	2	53
	3	109
	4	161, 162
	5	200
	6	242, 244
<u>Contarinia canadensis</u> Felt - - - - -	2	71
<u>Contarinia johnsoni</u> Sling.-- - - - -	3	116
<u>Contarinia pyrivora</u> Riley - - - - -	2	53
	3	104
<u>Contarinia tritici</u> Kirby - - - - -	3	86
	4	147
	5	187
<u>Coptodisca splendoriferella</u> Clem.- - - - -	7	274
Corn earworm, see Bollworm, a.n.o.		
Corn lantern fly, see <u>Perognathus maidis</u> Ashm.		
Corn leaf aphid, see <u>Aphis maidis</u> Fitch.		
Corn-leaf blotch miner, see <u>Agromyza parvicornis</u> Loew.		
Corn root aphid, a.n.o., see <u>Anurephis maidi-radicis</u> Forbes.		
Corn rootworm, Colorado, see <u>Diabrotica virgifera</u> Lec.		
Cornus borer, see <u>Oberea trilineata</u> Swed.		
Corn wireworm, see <u>Melanotus communis</u> Gyll.		
<u>Cosmopepla bimaculata</u> Thos. - - - - -	4	182
	5	224
<u>Cotinis nitida</u> L. - - - - -	4	161, 164
Cotton cutworm, see <u>Prodenia ornithogalli</u> Guen.		
Cotton or melon aphid, a.n.o., see <u>Aphis gossypii</u> Glov.		
Cotton red spider, see <u>Tetranychus telarius</u> L.		
Cottonwood leaf beetle, see <u>Lina scripta</u> Fab.		
Cotton worm, see <u>Alabama argillacea</u> Hubn.		
Cottony-maple-scale, a.n.o., see <u>Pulvinaria vitis</u> L.		
Coulee cricket, see <u>Peranabrus scabricollis</u> Thom.		

<u>Cowpea curculio</u> , see <u>Chalcodermus aeneus</u> Boh.		
<u>Crambus hortuellus</u> Hüb. - - - - -	4,	163
<u>Cranberry girdler</u> , see <u>Crambus hortuellus</u> Hüb.		
<u>Craonius inaequalis</u> Say. - - - - -	5	202
<u>Crepidodera helxines</u> L., see <u>Chalcoides helxines</u> L.		
<u>Crioceris asparagi</u> L. - - - - -	1	30
	2	66
	3	125
	4	173
	5	208
	6	238
<u>Crioceris 12-punctata</u> L. - - - - -	2	66
	3	126
<u>Cryptocephalus notatus</u> var. <u>quadrimaculatus</u> Say - - - - -	3	116
<u>Cryptohyponus abbreviatus</u> Say - - - - -	3	124
<u>Ctenocephalus canis</u> Curtis - - - - -	2	78
	4	184
	5	224
<u>Ctenocephalus felis</u> Bouché - - - - -	5	224
<u>Culiseta inornatus</u> Will. - - - - -	2	77
<u>Current aphid</u> , a.n.o., see <u>Myzus ribis</u> L.		
<u>Current worm</u> , imported, see <u>Pteronidea ribesi</u> Scop.		
<u>Current worm</u> , native, see <u>Gymnonychus appendiculatus</u> Hartig.		
<u>Cutworms</u> , see <u>Noctuidae</u> .		
<u>Cyclamen mite</u> , see <u>Tarsonemus pallidus</u> Banks.		
<u>Cydia pomonella</u> L., see <u>Carpocapsa pomonella</u> L.		
<u>Cylas formicarius</u> Fab. - - - - -	1	29
<u>Cyllene pictus</u> (Drury), see <u>Cyllene robiniae</u> Fbrst.		
<u>Cyllene robiniae</u> Fbrst. - - - - -	1	33
<u>Cymatophora ribearia</u> Fitch - - - - -	4	163

D.

<u>Dark-sided cutworm</u> , see <u>Euxoa messoria</u> Harr.		
<u>Dasyneura leguminicola</u> Lint. - - - - -	2	42
	3	89
	4	155
	5	192
<u>Dasyneura rhodophaga</u> Coq. - - - - -	2	74
<u>Datana integerrima</u> G. & R. - - - - -	4	181
	5	217
	6	249
<u>Datana ministra</u> Drury - - - - -	5	197
<u>Deer flies</u> , see <u>Chrysops</u> spp.		
<u>Dendroctonus frontalis</u> Zimm. - - - - -	4	182
<u>Dermacentor variabilis</u> Say - - - - -	4	184
<u>Desmia funeralis</u> Hüb. - - - - -	2	57
<u>Diabrotica balteata</u> Lec. - - - - -	6	232
<u>Diabrotica 12-punctata</u> Fab. - - - - -	1	13
	2	45
	3	90, 128
	4	152
	5	200

	No.	Page.
<u>Diabrotica soror</u> Lec. - - - - -	2	43
<u>Diabrotica virgifera</u> Lec. - - - - -	4	152
<u>Diabrotica vittata</u> Fab. - - - - -	1	31
	2	58, 67
	3	127, 128, 129
	4	174
	5	209
<u>Diacrisia virginica</u> Fab. - - - - -	4	155, 176
	5	211
<u>Dialeurodes citri</u> (Ashm.) - - - - -	1	24
	5	202
Diamond-back moth, a.n.o., see <u>Plutella maculipennis</u> Curt.		
<u>Diaphania nitidalis</u> Stoll - - - - -	5	209
	6	238
	7	273
<u>Diarthronomyia hypogaea</u> F. Loew - - - - -	2	75
	3	137
	6	254
	7	284
<u>Diastrophus turgidus</u> Bass. - - - - -	3	112
<u>Diatraea saccharalis</u> Fab. - - - - -	1	12
	2	43
	4	151, 166
	5	191
<u>Dibolia borealis</u> Chev. - - - - -	3	130
<u>Dicerca divaricata</u> Say - - - - -	2	53
Dictyospermum scale, see <u>Chrysomphalus dictyospermi</u> Morg.		
Differential grasshopper, see <u>Melanoplus differentialis</u> Thom.		
<u>Dipolepis rosae</u> L. - - - - -	5	223
<u>Diprion simile</u> Hartig - - - - -	5	217
Diptera (undetermined) - - - - -	7	269
<u>Disonychia triangularis</u> Say - - - - -	5	212
<u>Dissosteira longipennis</u> Thom. - - - - -	5	194
Divaricate cherry borer, see <u>Dicera divaricata</u> Say.		
Dog flea, see <u>Ctenocephalus canis</u> Bouché.		
Dog tick American, see <u>Dermacentor variabilis</u> Say.		
<u>Drasteria erectea</u> Cramer, see <u>Caenurgia erectea</u> Cram.		
<u>Drepanaphis acerifolii</u> Thos. - - - - -	2	70

E.

Early strawberry slug, see <u>Empria fragariae</u> Rohwer.		
Earwig, English, see <u>Forficula auricularia</u> L.		
Eight-spotted forester, a.n.o., see <u>Alypia octomaculata</u> Fab.		
<u>Elasmopalpus lignosellus</u> Zell. - - - - -	6	233
Elateridae - - - - -	2	44
<u>Eleodes</u> spp. - - - - -	6	229
<u>Eleodes opaca</u> Say. - - - - -	1	9
Elm borer, a.n.o., see <u>Saperda tridentata</u> Oliv.		

	NO.	Page.
<u>Elm bucculatrix</u> (species undetermined) -----	3	133
<u>Elm case-bearer</u> , a.n.o., see <u>Collocophora limosipennella</u> Dup.		
<u>Elm leaf-beetle</u> , see <u>Galerucella luteola</u> Mull.		
<u>Elm spanworm</u> , a.n.o., see <u>Ennomos subsignarius</u> Hübner.		
<u>Empoa rosae</u> L. -----	1	20
	2	51, 74
	3	101, 139
	6	242
<u>Empoasca mali</u> LeBaron -----	2r	52
	3	101, 121, 127
	4	159, 169, 174
	5	198, 204
	6	236, 242
<u>Empoa unicolor</u> Fitch, see <u>Chlorotettix unicolor</u> Fitch.		
<u>Empria fragariae</u> Rohwer -----	3	125
<u>Empusa aphidis</u> -----	1	9, 10
<u>Enarmonia interstinctana</u> Clemens, see <u>Laspeyresia</u> .		
<u>Enarmonia prunivora</u> Walsh, see <u>Laspeyresia</u> .		
<u>Endelomvia aethiops</u> Fab. -----	3	139
<u>English earwig</u> , see <u>Forficula auricularia</u> L.		
<u>English grain aphid</u> , see <u>Macrosiphum granarium</u> Buck.		
<u>Ennomos subsignarius</u> Hübner. -----	4	179
<u>Ephestia kuehniella</u> Zell. -----	6	256
<u>Epicauta cinerea</u> Forst. -----	5	213
<u>Epicauta lemniscata</u> Fab. -----	5	192
<u>Epicauta marginata</u> Fab. -----	5	213
<u>Epicauta</u> spp. -----	6	235
<u>Epicauta vittata</u> Fab. -----	2	68
	4	176
<u>Epilachna borealis</u> Fab. -----	3	128
	4	175
<u>Epilachna corrupta</u> Muls. -----	1	29
	2	66
	3	126
	4	173
	5	208
	7	272
<u>Epitrix cucumeris</u> Harr. -----	2	64
	3	120
	4	168
	5	203
	6	236
	7	270
<u>Epitrix parvula</u> Fab. -----	2	59
<u>Epitrix subcrinita</u> Lec. -----	2	65
<u>Eriophyes oleivorus</u> Ashm. -----	1	24
	2	58
	6	247
<u>Eriophyes pyri</u> Pgst. -----	2	52
	3	104
	4	160
	5	199
	6	243

	No.	Page.
<u>Eriosoma americana</u> Riley - - - - -	2	73
	3	133
	4	180
<u>Eriosoma lanigerum</u> Haus. - - - - -	1	17
	2	46
	3	95
	4	156
	5	195
	6	254
	7	274
<u>Erythroneura comes</u> Say - - - - -	1	12, 23
	2	57
	3	114
	4	163
	5	201
	6	246
	7	277
<u>Erythroneura obliqua</u> Say - - - - -	1	20
	7	275
<u>Euotheola rugiceps</u> Lec. - - - - -	4	167
<u>Eulia velutinana</u> Walk. - - - - -	6	241
<u>Eumicrosoma benefica</u> Gahan - - - - -	5	191
<u>Euonymus</u> scale, a.n.o., see <u>Chionaspis euonymi</u> Const.		
<u>Euphoria inda</u> L. - - - - -	5	216
	6	231, 243, 249
<u>Euproctis chrysorrhoea</u> L. - - - - -	1	32
	3	134
European corn-borer, a.n.o., see <u>Pyrausta nubilalis</u> Hübn.		
European elm scale, a.n.o., see <u>Gossyparia spuria</u> Modeor.		
European fruit lecanium, see <u>Lecanium corni</u> Bouché.		
European grain aphid, see <u>Rhopalosiphum padi</u> L.		
European hornet, see <u>Vespa crabro</u> L.		
European pine sawfly, see <u>Diprion simile</u> Hartig.		
European red mite, see <u>Paratetranychus pilosus</u> Can. & Fanz.		
European wheat sawfly, see <u>Cephus pygmaeus</u> L.		
<u>Eurymus eurytheme</u> Boisd. - - - - -	-5	192
	7	278
<u>Eurymus philodice</u> Godart - - - - -	2	42
<u>Euschistus servus</u> Say - - - - -	3	118
<u>Euthrips pyri</u> Daniel, see <u>Taeniothrips inconsequens</u> Uzel.		
<u>Euthrips tritici</u> Fitch - - - - -	5	222
<u>Euxoa auxiliaris</u> Grote, see <u>Chorizagrotis auxiliaris</u> Grote.		
<u>Euxoa messoria</u> Harr. - - - - -	3	129

F.

Fall armyworm, a.n.o., see Laphygma frugiperda S. & A.
 Fall cankerworm, a.n.o., see Alsophila pometaria Harris.
 Fall webworm, a.n.o., see Hyphantria cunea Drury.
 False apple red bug, see Lygidea mendax Reut.
 False turnip aphid, see Aphis pseudobrassicae Davis.
 False wireworms, see Eleodes spp.

	No.	Page
Fern scale, a.n.o., see <u>Hemichionaspis aspidistrae</u> Sign.		
<u>Fidia viticida</u> Walsh - - - - -	3	115
	4	163
	5	201
	6	246
Fire ant, see <u>Solenopsis geminata</u> Fab.		
Flat-headed apple-tree borer, a.n.o., see <u>Chrysobothris femorata</u> Oliv.		
Florida flower thrips, see <u>Frankliniella bispinosus projectus</u> Watson.		
Flower thrips, a.n.o., see <u>Euthrips tritici</u> Fitch.		
<u>Fordia olivacea</u> Rohwer - - - - -	1	7
	7	285
Foreign grain beetle, see <u>Cathartus advena</u> Waltl.		
Forest tent-caterpillar, a.n.o., ^{see} <u>Malacosoma disstria</u> Hübner.		
<u>Forficula auricularia</u> L. - - - - -	2	78
Formicidae - - - - -	4	184
	5	225
	6	255
Four-lined plat-bug, see <u>Poecilopsus lineatus</u> Fab.		
Four-marked leaf-beetle, see <u>Cryptocephalus notatus</u> var. <u>quadrinotatus</u> Say.		
Fowl tick, see <u>Argas miniatus</u> Koch.		
<u>Frankliniella bispinosus projectus</u> Watson - - - - -	1	24
Fruit-tree leaf-roller, see <u>Cacoecia argyrospila</u> Walk.		

G.

<u>Galerucella luteola</u> Mull. - - - - -	2	73
	3	132
	4	179
	5	215
	6	249
<u>Galleria mellonella</u> L. - - - - -	3	141
	4	184
	6	256
Gallinipper, see <u>Psorophora ciliata</u> Fab.		
Garden flea hopper, see <u>Halticus citri</u> Ashm.		
Garden slug, see <u>Agriolimax agrestis</u> L.		
Garden webworm, a.n.o., see <u>Loxostege similalis</u> Guen.		
Gibbous June beetle, see <u>Phyllophaga gibbosa</u> Burm.		
<u>Glycobius speciosus</u> Say - - - - -	3	132
Goldenglow aphid, see <u>Macrosiphum rudbeckiae</u> Fitch.		
Gooseberry spanworm, see <u>Cymatophora ribearia</u> Fitch.		
<u>Gossyparia spuria</u> Modeer - - - - -	2	73
	3	133
	4	180
	5	216
Grain aphid, English, see <u>Macrosiphum granarium</u> Buck.		
Granary weevil, a.n.o., see <u>Calendra granaria</u> L.		
Grape-berry moth, a.n.o., see <u>Polychrosis viteana</u> Clem.		
Grape-blossom midge, see <u>Contarinia johnsoni</u> Sling.		
Grape colaspis, a.n.o., see <u>Colaspis brunnea</u> Fab.		
Grape curculio, a.n.o., see <u>Craonius inaequalis</u> Say.		
Grape flea-beetle, a.n.o., see <u>Haltica chalybea</u> Ill.		
Grape leaf-folder, a.n.o., see <u>Desmia funeralis</u> Hübner.		

Grape leafhopper, a.n.o., see <u>Erythroneura comes</u> Say		
Grape leaf skeletonizer, see <u>Harrisina americana</u> Guer.		
Grape mealybug, see <u>Pseudococcus maritimus</u> Ehrh.		
Grape plume moth, a.n.o., see <u>Oxyptylus periscelidactylus</u> Fitch.		
Grape rootworm, a.n.o., see <u>Fidia viticida</u> Walsh.		
Grapevine aphid, see <u>Macrosiphum illinoisensis</u> Shim.		
Grapevine hoplia, see <u>Hoplia callipyge</u> Lec.		
<u>Graphops nebulosus</u> Lec. - - - - -	7	272
<u>Graptolitha antennata</u> Walk. - - - - -	2	48
	3	98
	4	157
Grasshoppers, see <u>Acrididae</u>		
Gray blister-beetle, a.n.o., see <u>Epicauta cinerea</u> Först.		
Gray hair-streak, see <u>Uranotes melinus</u> Hübn.		
Greater wheat-stem maggot, see <u>Meromyza americana</u> Fitch.		
Green apple bug, see <u>Lygus communis</u> Knight.		
Green bug, see <u>Toxoptera graminum</u> Rond.		
Green clover worm, see <u>Plathypena scabra</u> Fab.		
Greenhouse leaf-tyer, see <u>Phlyctaenia ferrugalis</u> Hübn.		
Greenhouse orthezia, see <u>Orthezia insignis</u> Doug.		
Greenhouse white-fly, a.n.o., see <u>Trialeurodes vaporariorum</u> West.		
Green June beetle, a.n.o., see <u>Cotinis nitida</u> L.		
Green peach aphid, a.n.o., see <u>Myzus persicae</u> Sulz.		
Green-striped maple worm, see <u>Anisota rubicunda</u> Fab.		
<u>Gryllotalpa borealis</u> Burm., see <u>G. hexadactyla</u> Perty.		
<u>Gryllotalpa hexadactyla</u> Perty - - - - -	6	236
<u>Gryllotalpa</u> spp. - - - - -	7	271
<u>Gryllus assimilis</u> Fab. - - - - -	4	149
<u>Gymnonychus appendiculatus</u> Hartig - - - - -	3	113
<u>Gymnonychus californicus</u> Marlatt - - - - -	3	105
Gypsy moth, a.n.o., see <u>Porthetria dispar</u> L.		

H.

<u>Haematobia irritans</u> L. - - - - -	3	140
	5	225
Hairy red goat louse, see <u>Trichodectes hermsi</u> K. & N.		
<u>Haltica chalybea</u> Ill. - - - - -	2	57
	3	115
<u>Haltica ignita</u> Ill. - - - - -	3	124
<u>Halticus citri</u> Ashm. - - - - -	3	127
Harlequin cabbage bug, a.n.o., see <u>Murgantia histrionica</u> Hahn.		
<u>Harmolita grande</u> Riley - - - - -	1	7
	2	37
	3	85

	No.	Page.
<u>Harmolita tritici</u> Fitch - - - - -	2	37
	3	85
	4	148
	5	188
<u>Harmolita vaginicola</u> Doane - - - - -	5	189
<u>Harrisina americana</u> Guer. - - - - -	2	57
<u>Heliophila albilinea</u> Hubn., see <u>Neleucania albilinea</u> Hubn.	6	246
<u>Heliothrips femoralis</u> Reut. - - - - -	2	75
<u>Hellula undalis</u> Fab. - - - - -	5	207
<u>Hemerocampa leucostigma</u> S. & A. - - - - -	2	71
	3	98
	4	177
	5	214
<u>Hemerophila pariana</u> Clerck - - - - -	4	157
	5	196
	6	241
	7	274
<u>Hemichionaspis aspidistrae</u> (Sign.) - - - - -	2	76
<u>Hemileuca maia</u> Drury - - - - -	7	282
Hemispherical scale, a. n. o., see <u>Saissetia hemisphaerica</u> Targ.		
Hessian fly, see <u>Phytophaga destructor</u> Say.		
<u>Heterocordylus malinus</u> Reut. - - - - -	1	19
	2	50
	3	100
	6	242
Hickory borer, a. n. o., see <u>Cyllene robiniae</u> Forst.		
Hickory gall aphid, see <u>Phylloxera caryaecaulis</u> Fitch.		
Hickory nut weevil, see <u>Balaninus caryae</u> Horn.		
<u>Hippodamia convergens</u> Guer.	1	5, 10
Hollyhock bug, see <u>Orthotylus delicatus</u> Uhl.		
Holly leaf-miner, American, see <u>Phytomyza obscurella</u> var. <u>ilicicola</u> Loew.		
<u>Hoplia calliope</u> Lec. - - - - -	2	57
<u>Hoplia trifasciata</u> Say - - - - -	3	105
Horn fly, see <u>Haematobia irritans</u> L.		
Hornworms, see <u>Phlegethontius</u> spp. and <u>Protoparce</u> .		
Horse flies, see <u>Tabanus</u> spp.		
Horse-radish flea-beetle, see <u>Phyllotreta armoraciae</u> Koch.		
Houghton's gooseberry aphid, see <u>Aphis houghtonensis</u> Troop.		
Human flea, see <u>Pulex irritans</u> L.		
<u>Hylastinus obscurus</u> Marsh. - - - - -	2	42
	5	192
<u>Hylemyia antiqua</u> Meig. - - - - -	2	68
	3	129
	4	176
	5	211
<u>Hylemyia brassicae</u> Beuche - - - - -	1	28
	2	65
	3	122
	4	172
	5	206

	No.	Page.
<u>Hylemyia cerealis</u> Gillette, see <u>Pegomya cerealis</u> Gillette.		
<u>Hylemyia cilicrura</u> Rond. - - - - -	1	25
	2	63
	3	119
	5	204
<u>Hyalopterus arundinis</u> Fab. - - - - -	3	110
<u>Hypera punctata</u> Fab. - - - - -	1	11
	3	88
<u>Hyphantria cunea</u> Drury - - - - -	3	113, 134
	4	158, 177
	5	201, 214
	6	241, 245, 248
	7	281
<u>Hyphantria textor</u> Harr. - - - - -	6	248
<u>Hysteroneura setariae</u> Thomas - - - - -	3	110

I.

<u>Icerya purchasi</u> Mask. - - - - -	7	277
<u>Idiocerus provancheri</u> Van D. - - - - -	2	52
<u>Illinoia pisi</u> Kalt. - - - - -	1	9, 31
	2	39, 68
	3	86, 127
	4	174
Imported cabbage worm, a. n. o., see <u>Pontia rapae</u> L.		
Imported currant worm, a. n. o., see <u>Pteronidea ribesi</u> Scop.		
Io moth, a. n. o., see <u>Automeris io</u> Fab.		
<u>Iridomyrmex humilis</u> Mayr - - - - -	5	225
Ivy scale, see <u>Aspidiotus hederae</u> Vallot.		

J.

<u>Janus integer</u> Norton - - - - -	3	113
Jointworm, see <u>Harmolita tritici</u> Fitch.		

K.

<u>Kaliofenusa ulmi</u> Sund. - - - - -	3	133
---	---	-----

L.

<u>Languria mozardi</u> Latr. - - - - -	1	12
<u>Laphygma frugiperda</u> S. & A. - - - - -	1	8, 31
	2	43
	3	84
	4	151
	5	190, 221
	6	231
	7	268, 284
Larch case-bearer, a. n. o., see <u>Coleophora laricella</u> Hubn.		
<u>Laspeyresia caryana</u> Fitch - - - - -	5	201
<u>Laspeyresia interstinctana</u> Clem. - - - - -	2	42
	5	192

	No.	Page.
<u>Lycophotia margaritosa</u> Haw. - - - - -	4	155
<u>Lyctus parallelipedus</u> Melsh. - - - - -	7	282
<u>Lygidea mendax</u> Reut. - - - - -	2	50
	3	100
	4	158
<u>Lygus communis</u> Knight - - - - -	3	104
	6	243
<u>Lygus pratensis</u> L. - - - - -	1	9, 19
	2	50
	3	86, 107, 125
	4	170
	5	205, 221
<u>Lyperosia irritans</u> L., see <u>Haematobia irritans</u> L.		
<u>Lysiphlebus testaceipes</u> Cress. - - - - -	1	5

M.

<u>Macrobasis segmentata</u> Say - - - - -	5	213
<u>Macrobasis unicolor</u> Kby. - - - - -	5	212
<u>Macroductylus subspinosus</u> Fab. - - - - -	2	74
	3	107, 108, 115,
		124, 138, 139, 140
	4	183
<u>Macrosiphum granarium</u> Buck. - - - - -	1	7
<u>Macrosiphum illinoisensis</u> Shim. - - - - -	3	116
<u>Macrosiphum pisi</u> Kalt., see <u>Illinoia pisi</u> Kalt.		
<u>Macrosiphum rosae</u> L. - - - - -	2	74
	3	138
<u>Macrosiphum rudbeckiae</u> Fitch - - - - -	5	222
<u>Macrosiphum solanifolii</u> Ashm. - - - - -	2	64
	3	121
	4	168
	5	204
	6	236
	7	285
Magnolia scale, a. n. o., see <u>Neolecanium cornuparvum</u> Thos.		
Maize billbug, see <u>Sphenophorus maidis</u> Chitt.		
<u>Malacosoma americana</u> Fab. - - - - -	1	19
	2	49
	3	98
	4	158
<u>Malacosoma disstria</u> Hubn. - - - - -	2	72
	3	99
	4	178
<u>Malacosoma disstria</u> var. <u>erosa</u> Stretch - - - - -	2	72
<u>Malacosoma pluvialis</u> Dyar - - - - -	2	72
<u>Mamestra picta</u> Harr., see <u>Ceramica picta</u> Harr.		

Maple Chaitophorus, see <u>Periphylus aceris</u> L.		
Maple-leaf stem-borer, see <u>Caulacampus acericaulis</u> MacG.		
Maple sesian, see <u>Sesia acerni</u> Clem.		
Margined blister beetle, see <u>Epicauta marginata</u> Fab.		
Meadow plant-bug, a. n. o., see <u>Miris dolabratus</u> L.		
Mealy flata, see <u>Ormenis pruinosa</u> Say.		
Mealy plum aphid, see <u>Hyalopterus arundinis</u> Fab.		
Mediterranean flour moth, a. n. o., see <u>Ephestia kuehniella</u> Zell.		
<u>Megalopyge opercularis</u> S. & A. - - - - -	3	141
<u>Megastigmus nigrovariegatus</u> Ashm. - - - - -	4	183
<u>Megilla maculata</u> auct., see <u>Ceratomegilla fuscilabris</u> Muls.		
<u>Megilla fuscilabris</u> Muls., see <u>Ceratomegilla fuscilabris</u> Muls.		
<u>Melalopha inclusa</u> Hubn. - - - - -	6	249
<u>Melanoplus atlanis</u> Riley - - - - -	4	153
	5	194
<u>Melanoplus bivittatus</u> Say - - - - -	4	153
<u>Melanoplus bruneri</u> Scud. - - - - -	4	153
<u>Melanoplus differentialis</u> Thomas - - - - -	4	153
<u>Melanoplus femur-rubrum</u> DeG. - - - - -	4	153
	5	194
	6	244
<u>Melanoplus saltator</u> Scud. - - - - -	5	194
<u>Melanotus communis</u> Gyll. - - - - -	4	154
<u>Melanotus pilosus</u> Blatch. - - - - -	3	86
<u>Melanoxantherium smithiae</u> Monell - - - - -	7	282
<u>Melittia satyriniformis</u> Hubn. - - - - -	3	128
	4	175
	5	209
<u>Menopon pallidum</u> Nitz. - - - - -	2	77
<u>Meromyza americana</u> Fitch - - - - -	3	85
	4	146
Mexican bean beetle, see <u>Epilachna corrupta</u> Muls.		
Millipedes - - - - -	1	28, 29
	3	138
<u>Mineola indigenella</u> Zeller - - - - -	6	241
<u>Mineola neolella</u> Riley - - - - -	1	24
<u>Miris dolabratus</u> L. - - - - -	3	86
<u>Miselia renigera</u> Steph. - - - - -	1	12
Mites - - - - -	3	134
Mole crickets, see <u>Gryllotalpa</u> spp.		
<u>Monarthropalpus buxi</u> Labou. - - - - -	2	75
	4	183
<u>Monocrepidius lividus</u> DeG. - - - - -	4	154
<u>Monophadnoides rubi</u> Harris - - - - -	2	56
Mormon cricket, see <u>Anabrus simplex</u> Hald.		

	No.	Page.
Mossy rose gall, see <u>Dipolepis rosae</u> L.		
<u>Murgantia histrionica</u> Hahn - - - - -	1	27
	3	123
	4	172
	5	206
	6	237
<u>Mylabris obtectus</u> Say - - - - -	3	126
	6	257
<u>Myzus cerasi</u> Fab. - - - - -	2	53
	3	107
	4	161
<u>Myzus persicae</u> Sulz. - - - - -	1	31
	2	54
	3	105
	5	207
<u>Myzus ribis</u> L. - - - - -	1	24
	2	55
	3	112
	4	162
	5	201

N.

Native currant worm, see <u>Gymnonychus appendiculatus</u> Hartig.		
<u>Neleucania albilinea</u> Hübner. - - - - -	3	84
<u>Nematodes</u> - - - - -	1	8
	3	88
<u>Neolecanium cornuparvum</u> Thos. - - - - -	4	183
<u>Nephelodes emmedonia</u> Cram. - - - - -	2	45
<u>Nephelodes minians</u> Guen, see <u>Nephelodes emmedonia</u> Cram.		
<u>Nezara viridula</u> L. - - - - -	1	27
	2	69
	3	118
	4	174
	5	193
<u>Noctuidae</u> - - - - -	1	8
	2	44,60
	3	118
<u>Nodonota puncticollis</u> Say - - - - -	3	108,139
Northern grass worm, see <u>Drasteria erechtea</u> Cram.		
Northern mole cricket, a.n.a., see <u>Gryllotalpa borealis</u> Burm.		
Norway maple aphid, ^{see} <u>Periphyllus lyropictus</u> Kess.		
Nose fly, see <u>Oestrus ovis</u> L.		

O.

Oak seed gall, see <u>Andricus seminator</u> Harr.		
Oak fig gall, see <u>Biorhiza forticornis</u> Walsh.		
Oak lecanium, see <u>Lecanium quercifex</u> Fitch.		
<u>Oberea bimaculata</u> Oliv. - - - - -	3	112
	4	163
<u>Oberea tripunctata</u> Swed. - - - - -	6	254

Oblique-banded leaf-roller, see Archips rosaceana Harr.

Obsolete-banded strawberry leaf-roller, see Archips obsoletana Walk.

<u>Oecanthus nigricornis</u> Walk. - - - - -	3	111
<u>Oecanthus niveus</u> DeG. - - - - -	3	102, 116,
	4	166
<u>Oestrus ovis</u> L. - - - - -	5	226
	6	255
<u>Okanagana rimosa</u> Say - - - - -	7	281
<u>Omphalocera dentosa</u> Grote - - - - -	6	254
<u>Oncideres cingulatus</u> Say - - - - -	7	276, 282
Onion thrips, a. n. o., see <u>Thrips tabaci</u> Lind.		
<u>Orchestes pallicornis</u> Say - - - - -	3	102
Oriental peach moth, a. n. o., see <u>Laspeyresia molesta</u> Busck.		
Onion maggot, a. n. o., see <u>Hylemyia antiqua</u> Meig.		
<u>Ormenis pruinosa</u> Say - - - - -	4	183
<u>Orthezia insignis</u> Doug. - - - - -	2	76
<u>Orthotylus delicatus</u> Uhl. - - - - -	2	75
<u>Otiorhynchus ovatus</u> L., see <u>Brachyrhinus ovatus</u> L.		
<u>Otiorhynchus rugifrons</u> Gyll., see <u>Brachyrhinus rugifrons</u> Gyll.		
<u>Oxyptilus periscelidactylus</u> Fitch - - - - -	2	57
	3	114
Oyster-shell scale, a. n. o., see <u>Lepidosaphes ulmi</u> L.		

P.

<u>Pachnaeus opalus</u> Oliv. - - - - -	2	58
<u>Paleacrita vernata</u> Peck - - - - -	1	20
	2	48
	3	99, 136
	4	158
Pale-striped flea-beetle, a. n. o., see <u>Systema taeniata</u> var. <u>blanda</u> Melsh.		
Pale western cutworm, see <u>Porosagrotis orthogonia</u> Morr.		
<u>Papaipema mebris</u> v. <u>nitela</u> Guen. - - - - -	2	44
	3	89, 121
	4	152, 170
	6	231
<u>Papaipema purpurifascia</u> G. & R. - - - - -	5	222
<u>Papilio polyxenes</u> Fab. - - - - -	4	176
<u>Paralechia pinifoliella</u> Chamb. - - - - -	6	251
<u>Paratetranychus pilosus</u> Can. & Fanz. - - - - -	3	103, 111
	4	159
	5	198
<u>Paria canella</u> {Fab.} - - - - -	1	30
	2	68
	5	223
	6	237
Peach borer, a. n. o., see <u>Aegeria exitiosa</u> Say.		
Peach moth, Oriental, see <u>Laspeyresia molesta</u> Busck.		
Peach twig-moth, a. n. o., see <u>Anarsia lineatella</u> Zell.		

Pear blight beetle, see <u>Anisandrus pyri</u> Peck.		
Pear borer, see <u>Aegeria pyri</u> Harris.		
Pear-leaf blister mite, a. n. o., see <u>Eriophyes pyri</u> Pgst.		
Pear midge, see <u>Contarinia pyrivora</u> Riley.		
Pear psylla, a. n. o., see <u>Psylla pyricola</u> Foerst.		
Pear slug, a. n. o., see <u>Caliroa cerasi</u> L.		
Pear thrips, a. n. o., see <u>Taeniothrips inconsequens</u> Uzel.		
Pecan case-bearer, see <u>Acrobasis nebulella</u> Riley.		
Pecan nut case-bearer, see <u>Acrobasis hobbesella</u> Hulst.		
Pecan phylloxera, see <u>Phylloxera devastatrix</u> Perg.		
Pecan shuckworm, see <u>Laspeyresia caryana</u> Fitch.		
<u>Pectinophora gossypiella</u> Saund. - - - - -	2	61
	6	253
<u>Pegomya cerealis</u> Gillette - - - - -	1	9
	2,	38
	3	85
	4	147
<u>Pegomya hyoscyami</u> Panz. - - - - -	3	129
	4	176
	5	212
<u>Peranabrus scabricollis</u> Thomas - - - - -	5	188
<u>Peregrinus maidis</u> Ashm. - - - - -	4	152
	6	232
<u>Peridroma margaritosa</u> Haw., see <u>Lycophotia margaritosa</u> Haw.		
<u>Periphyllus aceris</u> L. - - - - -	3	132
<u>Periphyllus lyropictus</u> Kess. - - - - -	6	248
<u>Phalacrus politus</u> Melsh. - - - - -	4	149
<u>Phelates</u> sp. - - - - -	6	235
<u>Phenstercus acericola</u> King - - - - -	2	70
	3	132
	5	215
	6	248
<u>Phlegethontius quinquemaculata</u> Haw., see <u>Protoparce quin-</u> <u>quemaculata</u> Haw.		
<u>Phlegethontius sexta</u> Joh. see <u>Protoparce sexta</u> Joh.		
<u>Phlegethontius</u> spp. - - - - -	4	171
<u>Phlyctaenia ferrugalis</u> Hübner - - - - -	2	76
	3	140
	7	284
<u>Pholus achemon</u> Drury - - - - -	2	57
	7	277
<u>Phorbia brassicae</u> Bouche, see <u>Hylemyia brassicae</u> Bouche.		
<u>Phthorimaea operculella</u> Zell. - - - - -	4	165
<u>Phyllaphis fagi</u> L. - - - - -	2	71
<u>Phyllocoptes cornutus</u> Banks - - - - -	6	245
	7	276
<u>Phyllocoptes quadripes</u> Shim. - - - - -	2	70
	3	132
	7	261

	No.	Page.
<u>Phyllocoptes schlectendali</u> Nalepa - - - - -	4	160
<u>Phyllonorycter tremulcidella</u> Braun - - - - -	5	216
<u>Phyllophaga</u> - - - - -	1	13,30
	2	44
	3	91,124
	4	170
	5	191,207,221
	6	234,237
	7	272
<u>Phyllophaga futilis</u> Lec. - - - - -	2	44
<u>Phyllophaga gibbosa</u> Burm., see <u>Phyllophaga futilis</u> Lec.		
<u>Phyllophaga lanceolata</u> Say - - - - -	3	117
<u>Phyllotreta armoraciae</u> Koch - - - - -	2	69
<u>Phyllotreta vittata</u> Fab. - - - - -	3	87,123
	4	172
<u>Phylloxera caryaecaulis</u> Fitch - - - - -	3	136
<u>Phylloxera devastatrix</u> Perg. - - - - -	4	164
<u>Phytomyza obscurella</u> v. <u>ilicicola</u> Loew - - - - -	2	71
<u>Phytonomus murinus</u> Titus, see <u>Phytonomus posticus</u> Gyll.		
<u>Phytonomus nigrirostris</u> Fab. - - - - -	1	12
	2	40
	3	88
	5	192
<u>Phytonomus posticus</u> Gyll. - - - - -	1	11
	2	42
<u>Phytophaga destructor</u> Say - - - - -	1	3
	2	36
	3	82
	4	145
	5	187
	6	229
	7	261
Pickle worm, a. n. o., see <u>Diaphania nitidalis</u> Cram.		
Pineapple scale, see <u>Pseudococcus bromeliae</u> Bouche.		
Pine bark aphid, see <u>Pineus strobi</u> Hartig.		
Pine leaf-miner, see <u>Paralechia pinifoliella</u> Chamb.		
Pine leaf scale, see <u>Chionaspis pinifoliae</u> Fitch.		
<u>Pineus strobi</u> Hartig - - - - -	2	72
	4	182
Pink bollworm, see <u>Pectinophora gossypiella</u> Saund.		
Pistol case-bearer, a. n. o., see <u>Coleophora palivirella</u> Riley.		
Pit-making oak scale, see <u>Asterolecanium variolosum</u> Ratz.		
Plantain flea-beetle, see <u>Dibolia borealis</u> Chev.		
<u>Plathypena scabra</u> Fab. - - - - -	6	233
	7	268
Plum curculio, a. n. o., see <u>Conotrachelus nemuphar</u> Hbst.		
<u>Plusiodonta compressipalpis</u> Guen. - - - - -	3	137
<u>Plutella maculipennis</u> Curt. - - - - -	5	207
<u>Podosesia syringae</u> Harris - - - - -	4	183
	5	223
<u>Poecilocapsus lineatus</u> Fab. - - - - -	2	75
	3	113
	4	163

	No.	Page.
<u>Polia renigera</u> Steph., see <u>Liselia renigera</u> Steph.		
<u>Polistes</u> sp. - - - - -	2	56
	4	173
<u>Polychrosis viteana</u> Clem. - - - - -	3	114
	5	201
	6	246
<u>Pomphopoea aenea</u> Say - - - - -	2	55
<u>Pomphopoea sayi</u> Lec. - - - - -	3	107
<u>Pontia rapae</u> L. - - - - -	1	28
	2	65
	3	123, 137
	4	172
	5	206
	6	236
	7	270
Poplar borer, a. n. o., see <u>Saperda calcarata</u> Say.		
Poplar mocha stone moth, see <u>Melalopha inclusa</u> Hübner.		
<u>Porosagrotis orthogonia</u> Morr. - - - - -	2	38
	3	83
	4	148
	5	188
<u>Perthetria dispar</u> L. - - - - -	1	32
	2	73
	3	134
	5	215
Potato aphid, see <u>Macrosiphum solanifolii</u> Ashm.		
Potato beetle, Colorado, see <u>Leptinotarsa decemlineata</u> Say.		
Potato flea-beetle, a. n. o., see <u>Epitrix cucumeris</u> Harr.		
Potato tuber worm, a. n. o., see <u>Phthorimaea operculella</u> Zell.		
Powder-post beetle, see <u>Lyctus parallelipipedus</u> Meish.		
<u>Prionoxystus robiniae</u> Peck - - - - -	4	180
	6	249
<u>Prionus</u> sp. - - - - -	4	152
	6	232
<u>Prociphilus tessellatus</u> Fitch - - - - -	4	179
<u>Prodenia ornithogalli</u> Guen. - - - - -	6	232
	7	272
<u>Protoparce quinque maculata</u> Haw. - - - - -	4	166
	5	205, 221
	7	270
<u>Protoparce sexta</u> Joh. - - - - -	2	59
	7	270
<u>Pseudacnidia duplex</u> Ckll. - - - - -	1	33
	3	136
	4	182
	5	218
	7	283
<u>Pseudococcus bakeri</u> Essig - - - - -	3	104
<u>Pseudococcus bromeliae</u> Bouche - - - - -	5	202
<u>Pseudococcus calceolariae</u> Mask. - - - - -	5	221
<u>Pseudococcus citri</u> Risso - - - - -	3	115
	4	164
	5	202
	6	254
<u>Pseudococcus nipae</u> Mask. - - - - -	3	138

<u>Pseudococcus gahani</u> Green - - - - -	7	284
<u>Pseudococcus varitimus</u> Ehrh. - - - - -	1	31
	2	57
	7	277
<u>Psorophora ciliata</u> Fab. - - - - -	5	225
<u>Psorosina hammondi</u> Riley - - - - -	4	157
<u>Psylla pyricola</u> Foerst. - - - - -	1	21
	2	52
	3	103
	4	159
	5	199
	6	243
<u>Pteronidea ribesi</u> Scop. - - - - -	1	24
	2	56
	3	113
<u>Pulex irritans</u> L. - - - - -	3	140
	5	224
<u>Pulvinaria pyriformis</u> Ckll. - - - - -	6	246
<u>Pulvinaria vitis</u> L. - - - - -	2	58, 70
	3	131
	5	215
Pursley sawfly, see <u>Sterictiphora zabriskei</u> Ashm.		
Putnam's scale, a. n. o., see <u>Aspidiotus ancylus</u> Putn.		
<u>Pyrausta nubilalis</u> Hübn. - - - - -	5	189
	6	231
	7	265
Pyriform scale, a. n. o., see <u>Fulvinaria pyriformis</u> Ckll.		

Q.

Quince curulio, a. n. o., see Conotrachelus crataegi Walsh.

R.

Raspberry cane-borer, a. n. o., see <u>Oberea bimaculata</u> Oliv.		
Raspberry fruitworm, see <u>Byturus unicolor</u> Say.		
Raspberry root-borer, a. n. o., see <u>Bembecia marginata</u> Harr.		
Raspberry root gall, see <u>Diastrophus turgidus</u> Bass.		
Raspberry sawfly, a. n. o., see <u>Monophanoides rubi</u> Harris.		
Red-banded leaf-roller, see <u>Eulia velutinana</u> Walk.		
Red-legged locust, a. n. o., see <u>Melanoplus femur-rubrum</u> DeG.		
Red-humped caterpillar, a. n. o., see <u>Schizura concinna</u> S. & A.		
Red-necked cane borer, see <u>Agrilus ruficollis</u> Fab.		
Red spider, see <u>Tetranychus</u> spp.		
Resplendent shield bearer, see <u>Coptodisca splendoriferella</u> Clem.		
<u>Reticulitermes flavipes</u> Kol. - - - - -	2	53
<u>Rhagoletis cingulata</u> Loew - - - - -	3	108
	4	161
	6	245
<u>Rhagoletis pomonella</u> Walsh - - - - -	3	102
	4	158
	5	197
	6	241
	7	275

	No.	Page.
<u>Rhododendron tingis</u> , see <u>Stephanitis rhododendri</u> Horv.		
<u>Rhopalosiphum padi</u> L. -----	1	7, 16
<u>Rhopalosiphum prunifoliae</u> Fitch -----	2	46
	3	94
<u>Rhopobota naevana</u> Hübner. -----	6	247
<u>Rhubarb weevil</u> , see <u>Lixus concavus</u> Say?		
<u>Rhynchites bicolor</u> Fab. -----	2	56
	3	139
<u>Ribbed cocoon maker</u> , see <u>Bucculatrix pomifoliella</u> Clem.		
<u>Rice stalk-borer</u> , see <u>Chilo pleiadellus</u> Zinck.		
<u>Rice water weevil</u> , see <u>Lissorhoptrus simplex</u> Say.		
<u>Rose aphid</u> , see <u>Macrosiphum rosae</u> L.		
<u>Rose chafer</u> , a.n.o., see <u>Macroductylus subspinosus</u> Fab.		
<u>Rose curculio</u> , see <u>Rhynchites bicolor</u> Fab.		
<u>Rose leaf-beetle</u> , see <u>Nodonota puncticollis</u> Say.		
<u>Rose leafhopper</u> , see <u>Empoa rosae</u> L.		
<u>Rose midge</u> , see <u>Dasyneura rhodophaga</u> Coq.		
<u>Rose sawfly</u> , see <u>Endelomyia aethiops</u> Fab.		
<u>Rose scale</u> , a.n.o., see <u>Aulacaspis rosae</u> Bouche!		
<u>Rosy apple aphid</u> , see <u>Anuraphis roseus</u> Baker.		
<u>Roundheaded apple-tree borer</u> , a.n.o., see <u>Saperda candida</u> Fab.		
<u>Rusty leaf mite</u> , see <u>Phyllocoptes schlectendali</u> Nalepa.		
<u>S.</u>		
<u>Saddle-back caterpillar</u> , a.n.o., see <u>Sibine stimulea</u> Clem.		
<u>Saissetia hemisphaerica</u> Targ. -----	3	137
	5	221
<u>San Jose scale</u> , see <u>Aspidiotus perniciosus</u> Comst.		
<u>Saperda calcarata</u> Say -----	4	180
	5	216
<u>Saperda candida</u> Fab. -----	2	51
	3	102
	4	159
<u>Saperda tridentata</u> Oliv. -----	3	133
	4	179
	5	216
<u>Sarcophaga kellyi</u> Ald. -----	4	154
<u>Sawfly</u> (undetermined) -----	5	218
<u>Say's blister beetle</u> , see <u>Pomphopoea sayi</u> Lec.		
<u>Scapteriscus didactylus</u> Latr. -----	1	28
<u>Schizura concinna</u> S. & A. -----	5	197
	6	241
	7	275, 276
<u>Scolytus rugulosus</u> Ratz. -----	3	106
	4	161
	5	199, 200
	7	275
<u>Screw worm</u> , a.n.o., see <u>Chrysomya macellaria</u> Fab.		
<u>Scurfy scale</u> , a.n.o., see <u>Chionaspis furfura</u> Fitch.		
<u>Scutigera</u> sp. -----	3	127
<u>Seed-corn beetle</u> , see <u>Agonoderus pallipes</u> Fab.		

Seed-corn maggot, see <u>Hylemyia cilicrura</u> Rond.		
<u>Sesia acerni</u> Clem., see <u>Synanthedon acerni</u> Clem.		
<u>Sesia tipuliformis</u> L., see <u>Synanthedon tipuliformis</u> L.		
Shot-hole borer, a. n. o., see <u>Scolytus rugulosus</u> Ratz.		
<u>Sibine stimulea</u> Clem. - - - - -	6	254
Silver leaf mite, see <u>Phyllocoptes cornutus</u> Banks.		
Silver maple leaf mite, see <u>Phyllocoptes quadripes</u> Shim.		
<u>Simulium pictipes</u> Hagen- - - - -	2	77
<u>Siphocoryne avenae</u> Fab. - - - - -	1	7
<u>Sitona hispidulus</u> Fab. - - - - -	1	12
<u>Sitotroga cerealella</u> Oliv. - - - - -	6	256
Small body hen louse, see <u>Menopon pallidum</u> Nitzsch.		
Smut beetle, common, see <u>Phalacrus politus</u> Melsh.		
Snowy tree cricket, a. n. o., see <u>Oecanthus niveus</u> DeG.		
Soft scale, a. n. o., see <u>Coccus hesperidum</u> L.		
<u>Solenopsis geminata</u> Fab. - - - - -	6	235
Sorgum webworm, see <u>Celama sorghiella</u> Riley.		
Southern green plant-bug, see <u>Nezara viridula</u> L.		
Southern pine beetle, a. n. o., see <u>Dendroctonus frontalis</u> Zimm.		
<u>Sphenophorus maidis</u> Chitt. - - - - -	-3	90
	4	152
	7	265
<u>Sphenophorus parvulus</u> Gyll. - - - - -	6	233
<u>Spilonota ocellana</u> D. & S. - - - - -	1	18
	2	48
	3	98, 111
	4	157
	6	241
Spinach leaf-miner, see <u>Begomya hyoscyami</u> Panz.		
<u>Spiraea aphid</u> , see <u>Aphis apiraecola</u> Patch.		
Spittle insects, see Cerconidae.		
Spotted cutworm, see <u>Agrotis c-nigram</u> L.		
Spring cankerworm, a. n. o. see <u>Paleacrita vernata</u> Peck.		
Spruce gall aphid, see <u>Adelges abietis</u> Kalt.		
Squash borer, see <u>Melittia satyriniformis</u> Hubn.		
Squash bug, a. n. o., see <u>Anasa tristis</u> DeG.		
Squash lady beetle, a. n. o., see <u>Epilachna borealis</u> Fab.		
Stable fly, a. n. o., see <u>Stomoxys calcitrans</u> L.		
Stalk borer, a. n. o., see <u>Papaipema nitela</u> Guen.		
<u>Stephanitis rhododendri</u> Horv. - - - - -	3	138
	4	182
<u>Sterictiphora zabriskei</u> Ashm. - - - - -	6	239

	No.	Page.
Stinging caterpillar, see <u>Megalopyge opercularis</u> S. & A.		
<u>Stenoxys calcitrans</u> L. - - - - -	2	77
	5	226
	7	280
Strawberry crown-birdler, see <u>Brachyrhinus ovatus</u> L.		
Strawberry crown-riner - - - - -	3	125
	5	207
Strawberry flea-beetle, see <u>Haltica ignita</u> Ill.		
Strawberry leaf-beetle, see <u>Paria canella</u> Fab.		
Strawberry leaf-roller, a. n. o., see <u>Ancylis comptana</u> Froehl.		
Strawberry root-borer, see <u>Graphops nebulosus</u> Lec.		
Strawberry root louse, see <u>Aphis forbesi</u> Weed.		
Strawberry weevil, a. n. o., see <u>Anthrenus signatus</u> Say.		
Striped blister beetle, a. n. o., see <u>Epicauta vittata</u> Fab.		
Striped cucumber beetle, a. n. o., see <u>Diabrotica vittata</u> Fab.		
Striped flea-beetle, see <u>Phyllotreta vittata</u> Fab.		
Striped tree cricket, see <u>Oecanthus nivicornis</u> Walk.		
<u>Stylon helinus</u> Hüb. - - - - -	5	220
Sucking goat louse, see <u>Linognathus stenopsis</u> Bur.		
Sugar-beet thrips, see <u>Heliothrips fencralis</u> Hoeger.		
Sugar-beet webworm, see <u>Loxostege sticticalis</u> L.		
Sugar-cane beetle, a. n. o., see <u>Eutheola rugiceps</u> Lec.		
Sugar-cane borer, a. n. o., see <u>Diatraea saccharalis</u> Fab.		
Sugar-cane leafybug, see <u>Pseudococcus calceolariae</u> Mask.		
Sugar-maple borer, a. n. o., see <u>Glycobius speciosus</u> Say.		
Sunfloweraphis, see <u>Aphis helianthi</u> Monell.		
Sweet potato flea-beetle, see <u>Charactocera confinis</u> Cr.		
Sweet potato weevil, a. n. o., see <u>Cylas farinarius</u> Fab.		
Sweet potato white fly, see <u>Berisia inconspicua</u> Quaint.		
<u>Synanthedon acerni</u> Clem. - - - - -	4	178
<u>Synanthedon tipuliformis</u> L. - - - - -	3	113
<u>Synanthedon druparum</u> Boh. - - - - -	6	242
<u>Systema taeniata</u> var. <u>blanda</u> Melsh. - - - - -	3	88, 91
	4	173
<u>Systema taeniata</u> Say. - - - - -	3	128
	4	173
	5	208

T.

<u>Tabanus costalis</u> Weid. - - - - -	4	184
<u>Tabanus lasiophthalmus</u> Macq. - - - - -	3	140
<u>Tabanus rubescens</u> Bellardi - - - - -	3	140
	5	225
<u>Taeniothrips inconsequens</u> Uzel - - - - -	1	21
	2	52
	3	103
	6	243
Turnished plant-bug, a. n. o., see <u>Lygus pratensis</u> L.		
<u>Tarsonemus pallidus</u> Banks - - - - -	3	140
<u>Tenebrio molitor</u> L. - - - - -	6	256
<u>Tenebroides mauritanicus</u> L. - - - - -	66	256
Tent caterpillar, a. n. o., see <u>Malacosoma americana</u> Fab.		

Termites, see Reticulitermes flavipes Kol.

Termites - - - - - 5 224

Terrapin scale, see Lecanium nigrofasciatum Perg.

Tetranychus bimaculatus Harv., see T. telarius L.

Tetranychus citri McGregor - - - - - -3 102

Tetranychus spp. - - - - - 4 166

Tetranychus spp. - - - - - 6 255

Tetranychus telarius L. - - - - - 1 30

Tetranychus telarius L. - - - - - 3 137,138

Tetranychus telarius L. - - - - - 4 159

Tetranychus telarius L. - - - - - 5 198,208,222

Tetranychus telarius L. - - - - - 6 252

Three-lined potato beetle,, see Lema trilineata Oliv.

Thrips, see Thysanoptera.

Thrips tabaci Lind.- - - - - 1 31

Thrips tabaci Lind.- - - - - 3 129

Thrips tabaci Lind.- - - - - 4 175

Thrips tabaci Lind.- - - - - 5 210,212,222

Thyridopteryx ephemeriformis Haw. - - - - - 1 33

Thyridopteryx ephemeriformis Haw. - - - - - 2 73

Thyridopteryx ephemeriformis Haw. - - - - - 3 132

Thyridopteryx ephemeriformis Haw. - - - - - 4 178

Thyridopteryx ephemeriformis Haw. - - - - - 5 214

Thyridopteryx ephemeriformis Haw. - - - - - 6 248

Thysanoptera - - - - - 4 155

Tischeria malifoliella Olemens - - - - - 6 241

Tischeria malifoliella Olemens - - - - - 7 274

Tmetocera ocellana D. & S., see Spilonota ocellana D. & S.

Tobacco flea-beetle, a. n. o., see Epitrix parvula Fab.

Tobacco worm, a. n. o., see Protoparce quinquemaculata Haw.

Tomato worm, a. n. o., see Protoparce sexta Joh.

Toumeyella liriodendri Gmel. - - - - - 4 180

Toumeyella liriodendri Gmel. - - - - - 5 216

Toumeyella liriodendri Gmel. - - - - - 7 281

Toxoptera graminum Rond. - - - - - 1 4

Toxoptera graminum Rond. - - - - - 3 85

Trialeurodes vaporariorum Westwood - - - - - 2 76

Trialeurodes vaporariorum Westwood - - - - - 3 140

Triangular flea-beetle, see Disonychia triangularis Say.

Trichodectes hermsi Kellogg and Nakayama - - - - - 5 226

Trombidium - - - - - 4 184

Tulip-tree scale, see Toumeyella liriodendri Gmel.

Twelve-spotted asparagus beetle, see Grioceris 12-punctata L.

Twelve-spotted cucumber beetle, see Diabrotica 12-punctata Fab.

Twig girdler, a. n. o., see Oncideres cingulatus Say.

Two-spotted mite, see Tetranychus telarius L.

Two-striped grasshopper, see Melanoplus bivittatus Say.

Tychius picirostris Fab. - - - - - 2 42

Tychius picirostris Fab. - - - - - 3 89

Typhlocyba comes Say, see Erythroneura comes Say.

Typhlocyba comes Say, see Erythroneura comes Say.

U.

Uranotes melinus Hubn., see Strymon melinus Hübn.

100

Griffiths, J. H., & Griffiths, J. H. (1970). The effect of the size of the sample on the reliability of the results of a factor analysis.

V.

Variegated cutworm, see <u>Lycophotia margaritosa</u> Haw.		
Velvet bean caterpillar, see <u>Anticarsia gemmatilis</u> Hubn.		
<u>Vespa crabro</u> L. - - - - -	6	250

W.

Woolly maple leaf scale, see <u>Phenacoccus acericola</u> King.		
White fly (species unknown) - - - - -	5	206
White grubs, see <u>Phyllophaga</u> spp.		
White oak blotch leaf-miner, see <u>Lithocolletes hamadryella</u> Clem.		
Wheat straw-worm, see <u>Harmolita grande</u> Riley.		
Wheat-head army worm, a. n. o., see <u>Neleucania albilinea</u> Hubn.		
White-marked tussock moth, a. n. o., see <u>Hemerocampa leucostigma</u> S. & A.		
Wax moth, see <u>Galleria mellonella</u> L.		
Willow grave plant-louse, see <u>Melanoxantherium smithiae</u> Monell.		
Western wheat-stem maggot, see <u>Hylemyia cerealis</u> Gillette.		
Wheat-sheath gall jointworm, see <u>Harmolita vaginicola</u> Doane.		
Wireworm, see Elateridae.		
Woolly apple aphid, a. n. o., see <u>Eriosoma lanigerum</u> Haus.		
Woolly elm aphid, see <u>Eriosoma americana</u> Riley.		
Western army cutworm, see <u>Euxoa auxiliaris</u> Grote.		
Wheat midge, a. n. o., see <u>Contarinia tritici</u> Kirby.		
Wheat-stem maggot, greater, see <u>Meromyza americana</u> Fitch.		
Wheat sawfly, western, see <u>Cephus cinctus</u> Nort.		
Willow flea-beetle, see <u>Chalcoides helxines</u> L.		
Western wheat sawfly, see <u>Cephus cinctus</u> Nort.		
White elm scale, see <u>Chionaspis americana</u> John.		
Walnut caterpillar, see <u>Datana integerrima</u> G. & R.		
Western 12-spotted cucumber beetle, see <u>Diabrotica soror</u> Lec.		
Wheat leaf-miner, see <u>Agromyza parvicornis</u> Loew.		
Wheat wireworm, see <u>Agriates mancus</u> Say.		
West Indian peach scale, see <u>Aulacaspis pentagona</u> Targ.		

X.

Xylastodoris <u>luteolus</u> Barber - - - - -	1	33
<u>Xylina antennata</u> Walk., see <u>Graptolitha antennata</u> Walk.		
<u>Xylina</u> sp. - - - - -	4	178

Y.

Yellow mealworm, a. n. o., see <u>Tenebrio molitor</u> L.		
Yellow-necked caterpillar, see <u>Darana ministra</u> Drury.		
Yellow-bear caterpillar, see <u>Diacrisia virginica</u> Fab.		

Z.

Zebra caterpillar, a. n. o., see <u>Mamestra picta</u> Harr.		
<u>Zeugophora scutellaris</u> Suffr. - - - - -	7	281
<u>Zeuzera pyrina</u> L. - - - - -	-6	241

