

**SECOND SUPPLEMENT TO THE INDEX OF VECTORS OF
VIRUS DISEASES OF PLANTS***

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ACERTOGALLIA SANGUINOLENTA

1937. Yellow dwarf of potato. Potato to potato. Black. New York.

ANURAPHIS PIDA

1934. Atanasoff reported that this vector transmitted a mosaic among apricot, cherry, peach and plum.

APHIS RUBICOLA

1936. Leaf curl. Raspberry to raspberry. Cooley. Western New York.

APHIS FABAE

1936. Yellows. Beet to beet. Roland. Belgium.

APHIS GOSSYPHII

1937. Mosaic. *Commelina nudiflora* to *Ananas sativus*. Carter. Hawaii.

BREVICORYNE BRASSICA

1937. New mosaic of cauliflower. Among susceptible *Cruciferae*. Tompkins. California.

1937. New mosaic disease of cabbage. Among susceptible varieties. Larsen & Walter. Wisconsin.

CAPITOPHORUS FRAGAEFOLIA

1936. Yellow edge. Strawberry to strawberry. Massee. England.

CICADULIA MBILA

1937. New disease. *Zea mays* to *Zea mays*. Storey.

DELPHACODES STRIATELLA

Transmits dwarf disease virus of rice.

FRANKLINIELLA sp.

1926. Spotted wilt of tomato. Tomato to tomato. Australia.

* Journal of the Department of Agriculture of the University of Puerto Rico. 19(3): 407-420. July, 1935.

Journal of the Department of Agriculture of the University of Puerto Rico. 20(3): 729-739. July, 1936.

LYGUS PRATENSIS

1935. A virus disease. *Brassica* to *Brassica*. Kaufman. Germany.

MACROSIPHUM ILLINOIA

1937. Vein mosaic. Transmitted among *Melilotus alba*, *Pisum sativum* (several varieties), *Trifolium pratense*, *T. repens*, *T. hybridum*, *T. incarnatum* and *Vicia faba*. Osborn. New Jersey.

1937. Pea virus 2. *Vicia faba* to *Lathyrus odoratus*, *Melilotus* Leguminosae. Murphy & Pierce. Idaho.

MACROSIPHUM PISI

1937. Pea virus 2. *Vicia faba* to *Lathyrus odoratus*, *Melilotus alba*, *Phaseolus vulgaris* (many varieties), *Pisum sativum*, *Trifolium incarnatum* and *T. pratense*. Osborn. New Jersey.

MACROSIPHUM SOLANIFOLII

1937. Mosaic. *Commelina nudiflora* to *Ananas sativus*. Carter. Hawaii.

MACROPSIS TRIMACULATA

1936. Little peach. Between peach and plum. Manns. Delaware.
1936. Peach yellows. Between several species of *Prunus*. Manns. Delaware.

MELANOPSIS FEMUR, M. BIVITTATUS, M. PLUBEUS and M. AUGUSTIPENNIS

1928. Spindle tuber. Potato to potato. Goss. Nebraska.

MYZUS CIRCUMFLEXUS

1928. Tulip mosaic. Tulip to tulip. Brierley & McKay. Oregon. One case.

MYZUS PERSICAE

1936. Virus F (tuber blotch and Monocrat virus). Clinch. Loughnane & Murphy. Ireland.
1936. Yellows. Beet to beet. Roland. Belgium.
1936. Mosaic. Beet to beet. Roland. Belgium.
1936. Iris mosaic. Iris to Iris. Brierley & McWhorter. U. S. Pacific Coast.
1937. New virus disease of cauliflower. Among susceptible *Crucifereae*. Tompkins. California.
1937. Mosaic. *Commelina nudiflora* to *Ananas sativus*. Carter. Hawaii.

1937. New virus disease of cabbage. Among many susceptible species and varieties. Larsen & Walter. Wisconsin.

NOTE: A correction. This species does not transmit virus Hy. IV or potato virus X as stated in the first supplement.

MYZUS SOLANI

NOTE: McKay (1929) of Oregon reports that recent work does not indicate that this insect is a vector of tulip mosaic as previously reported.

RHOPALOSIPHUM PSEUDOBRASSICAE

1937. New virus disease of cauliflower. Among susceptible *Cruciferae*. Tompkins. California.

1936. A virus disease. Between *Dahlia* sp. *Callistephus sinensis*, *Lycopersicon esculentum* and *N. tabacum*. Shapovalov & Dufrenoy. France.

TOXOPTERA AURANTII

1933. Transmits a corrugation or ribbing of lemons. Casella. Italy.