

Table 1. *C. amoena* and other Michigan *Drosophilids*.

Location	Site	Species	Collected on/Emerged from
Grand Rapids (WM)	old orchard	<i>C. amoena</i> , <i>D. melanogaster</i> , <i>D. immigrans</i> , <i>D. robusta</i> , <i>D. algonquin</i> *	emerged from apples
E. Lansing (MM)	suburban neighborhood	(1) <i>D. putrida</i> (2) <i>D. melanogaster</i> , <i>D. busckii</i> , <i>D. simulans</i> , <i>D. immigrans</i> (3) <i>D. melanogaster</i> , <i>D. simulans</i> , <i>C. amoena</i> (4) <i>D. melanogaster</i> , <i>D. simulans</i> , <i>D. immigrans</i>	(1) collected on mushrooms (2) collected on cantaloupe (3) emerged from apples, pears, & ornamental crabapples (4) collected on watermelon
	Malus coronaria	<i>C. amoena</i>	emerged from endemic crabapples
	farm	<i>C. amoena</i> , <i>D. affinis</i>	emerged from apples
E. Jordan (NLP)	old apple trees	<i>D. algonquin</i> , <i>D. melanogaster</i> , <i>C. amoena</i>	emerged from apples
Sagola (UP)	farm/woods	<i>D. athabasca</i> , <i>D. busckii</i>	collected on cantaloupe
	woods	<i>D. immigrans</i>	emerged from cantaloupe
	farm	<i>C. amoena</i>	on apples on the ground

*incorrectly listed in Band and Band (1980) as *D. athabasca*

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References: Band, H.T. and R.N. Band 1980, *Experientia* 36:1182-1183; _____ and _____ 1982a, *DIS* 58:17-18; _____ and _____ 1982b, *Experientia* 38:1448-1449.

Basden, E. B. Institute of Animal Genetics, Edinburgh, Scotland. Fresh air as an attractant for *Drosophila*.

It is well appreciated that a *Drosophila* adult, under certain physiological conditions, is lured to odors of fermentation, etc. However, in many years of trapping and breeding these flies I have had evidence of their being attracted by fresh air. If a *Drosophila* bottle-culture is closed, but has an open tube leading from it through the stopper, flies will migrate away from the culture, even if the tube is long. Similarly, when trapping in the wild, it frequently happened that species were reared from the trap-bait that had not been retained as adults, indicating that the flies were attracted out of the trap by the inflow of fresh air. This "pull" of fresh air comes into play evidently and naturally at an open bait (Basden 1952) when the adults forsake the latter, even when it is still pungent.

Reference: Basden, E.B. 1952, *Tr. Roy. Soc. Edin.* 62(3):603-654.