

**FIRST RECORD OF *CHRYSOMYA MEGACEPHALA*  
(DIPTERA: CALLIPHORIDAE) IN GEORIGIA, U.S.A.**

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Four species of Old World *Chrysomya* Robineau-Desvoidy (Diptera: Calliphoridae) have been introduced to the New World during the past 20 years (Wells 1991). *Chrysomya megacephala* (F.) was first collected from Brazil in 1975 and was thought to have originated from southern Africa (Baumgartner & Greenberg 1984).

*Chrysomya megacephala* has become established in North America since being introduced into Brazil (Baumgartner & Greenberg 1984). The first record of *Chrysomya megacephala* in the United States was from a single specimen collected in Texas (Wells 1991). This species has since been collected in California (Greenberg 1988),

TABLE 1. A SUMMARY OF CALLIPHORID SPECIES COLLECTED AT BAIT STATIONS IN GEORGIA AND SOUTH CAROLINA FROM 30 MARCH THROUGH 26 JULY 1999.

Species	# Collected	Date	Location	Bait
<i>Calliphora vicina</i> Robineau-Desvoidy	11	28 May	Townes Co, GA	Chicken liver
	01	28 May	Oconee Co, SC	Chicken liver
	01	01 June	Dekalb Co, GA	Chicken liver
<i>Chrysomya megacephala</i> (Fabricius)	07	28 June	Tift Co, GA	Poultry facility
<i>Cochliomyia macellaria</i> (Fabricius)	01	01 June	Anderson Co, SC	Chicken liver
	03	14 June	Pickens Co, SC	Dung
	05	28 June	Tift Co, GA	Poultry facility
	13	23 July	Pickens Co, SC	Human dung
	03	25 July	Pickens Co, SC	Human dung
	01	26 July	Pickens Co, SC	Human dung
<i>Phaenicia cuprina</i> (Weidemann)	43	28 May	Jones Co, GA	Chicken liver
<i>Phaenicia sericata</i> (Meigen)	01	30 March	Oconee Co, SC	Chicken liver
	23	28 May	Jones Co, GA	Chicken liver
	02	28 May	Pickens Co, SC	Chicken liver
	04	28 May	Rabun Co, GA	Chicken liver
	07	01 June	Fulton Co, GA	Chicken liver
	07	01 June	Townes Co, GA	Chicken liver
	07	01 June	Dekalb Co, GA	Chicken liver
	05	28 June	Tift Co, GA	Poultry facility
	<i>Phormia regina</i> (Meigen)	03	28 May	Jones Co, GA
12		28 May	Townes Co, GA	Chicken liver
01		28 May	Pickens Co, SC	Chicken liver
01		28 May	Oconee Co, SC	Chicken liver
07		28 May	Rabun Co, GA	Chicken liver
05		01 June	Anderson Co, SC	Chicken liver
01		01 June	Dekalb Co, GA	Chicken liver
01		15 June	Pickens Co, SC	Sea urchin

Florida (Baumgartner 1993), New Mexico (DeJong 1995), and Alabama (Wells 2000). We present a new distribution record for *Chrysomya megacephala* and associated calliphorid species in Georgia and South Carolina.

We collected adult calliphorids by aerial netting over various baits in Georgia and South Carolina from 30 March through 26 July 1999. Baits were placed in open glass or metal containers at ground level.

The University of Georgia Museum of Natural History and Clemson University Arthropod Collection were examined for unreported records of *Chrysomya* spp. from Georgia and South Carolina. Voucher specimens of each species were deposited in the University of Georgia Museum of Natural History and the Clemson University Arthropod Collection. Adult calliphorid occurrences at bait stations are summarized in Table 1.

#### SUMMARY

*Chrysomya megacephala* was only collected in Georgia, while five other calliphorid species were collected in both Georgia and South Carolina. The University of Georgia Museum of Natural History and the Clemson University Arthropod Collection

did not contain any *Chrysomya* specimens collected in either state.

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