Date: 25 June 2006
To: David Shibles
From: John D. Spooner
Subj: Identification of katydid eggs in grapefruit leaves collected in Polk County, FL.

Thank you for the opportunity to examine these eggs. [eggs in leaf edge]

The embedded eggs were measured with an ocular micrometer by estimating the edges of the eggs by their rather sharply outlined impression on the leaf surface. The sizes and color of the eggs were compared to known eggs in my collection. I am certain that the eggs in the grapefruit leaves are of *Montezumina modesta*.

Leaf 1	Width	Length	**Leaf 2**	Width	Length
	2.4	4.4		2.4	4.3
(black color)	2.3	4.5		2.5	4.5
	2.3	4.5	(black color)	2.3	4.3
	2.3	4.4		2.3	4.4
	2.3	4.5		2.1	4.3
	2.3	4.6		2.3	4.5
				2.4	4.4

Eggs from *Montezumina modesta* female from Aiken County, SC

	1.9	4.7
(black color)	1.8	4.5
	2.0	4.6
	2.0	4.6
	2.0	4.7

Eggs from *Microcentrum retinerve* female from Aiken County, SC

	2.4	5.1
(Brown	2.5	5.0
color)	2.6	5.1
	2.6	5.1
	2.5	4.9
	2.6	5.0

Some of the Polk Co. eggs had small holes suggestive of parasitoid emergences. Other eggs were split along the free border as if they had hatched. A few seem to be intact and may contain viable embryos. If you do not wish to have the leaves with eggs returned, I would appreciate your letting me do a bit of experimentation. I would like to try to rehydrate the seemingly good eggs and possibly get a hatch. I have recently had success with getting hatch from *Scudderia furcata* eggs that were in dried leaves for three months.