

This species has long been confused with *Tipula* (*Lunatipula*) *pleuracicula* Alexander 1915 (*arizonica* Alexander, 1916; *monochroma* Dietz, 1919) and I am particularly indebted to Dr. Alan Stone for examining the types of my species, now in the United States National Museum, and thus settling the identity of this well-marked fly. The above names all pertain to a smaller yellow crane-fly that is allied to *T. (L.) splendens* Doane, 1901, having the basistyle of the male hypopygium produced into a much more slender stiletto-like point than in the present species. In an earlier report (Amer. Midl. Nat., 30: 732; 1943) I had referred to the present fly as being *pleuracicula* and this name should be corrected to *saxemontana*.

Tick Collections at Army Installations in the Fourth Service Command

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Numerous collections of ticks have been made by Army personnel in the seven states comprising the Fourth Service Command during 1943, 1944, and 1945, and forwarded to the Fourth Service Command Medical Laboratory for identification. The states included in the Fourth Service Command are Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina and Tennessee.

The collections are summarized in Table 1. During 1943 to 1945, the following species were taken: *Amblyomma americanum* (Linnaeus), *A. dissimile* Koch, *A. tuberculatum* Marx, *Dermacentor albipictus* Packard, *D. variabilis* (Say), *Haemaphysalis leporis-palustris* Packard, *Ixodes ricinus scapularis* Say, *Rhipicephalus sanguineus* Latreille, and *Ornithodoros turicata* Duges. A total of 3,227 specimens, representing 47 localities, are included.

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TABLE 1. Tick Collections in the Fourth Service Command, 1943-1945
(L = larva; N = nymph)

Species and Locality	Date	Host or Source	Number of Specimens Collected		
			L	N	Adults
Amblyomma americanum					
FLORIDA					
Marianna	5/15-18/44	Dragging			3♂ 5♀
	6/6-8/17/44			3	2♂ 5♀
	9/28/44	Dog		1	
GEORGIA					
Hinesville	4/9-6/20/44	Man			2♂ 5♀
MISSISSIPPI					
Biloxi	March, 1945				1♀
Centerville	6/27/44	Man		3	14♀
	6/27-8/15/44	Trap	788	714	4♂ 7♀
Gloster	8/1-11/44	Man		2	
Hattiesburg	3/30/44	Man			1♀
	4/17/44	Cow			1♀
	4/23/44	Man			1♀
	5/15-6/10/44	Dog			1♂ 21♀
NORTH CAROLINA					
Fayetteville	5/10/44				2♂ 1♀
	3/29/44	Deer			3♂
SOUTH CAROLINA					
Charleston	5/14-6/6/44				3♂ 8♀
Debidue Beach	5/4-6/1/44	Man		3	2♂ 1♀
Myrtle Beach	5/26-8/21/44	Man		11	42♂ 36♀
	12/22/44	Fox			1♂
	3/25-5/4/45	Man		13	14♂ 15♀
Amblyomma dissimile					
GEORGIA					
Hinesville	2/9/44	Tortoise			3♂
FLORIDA					
Boca Raton	2/29-11/2/44	Snake		2	5♂ 7♀
Amblyomma maculatum					
FLORIDA					
Avon Park	8/28/43	Dragging			2♀
GEORGIA					
Hinesville	5/22/44	Man			1♂
	8/31/44	Man			1♂
	9/11/44	Dog			1♀
	9/26/44	Man			1♀
Macon	8/2/44	Dog			1♂
Valdosta	8/20-9/30/43	Horse		1	6♂ 13♀
MISSISSIPPI					
Gulfport	Sept., 1944				1♂
Hattiesburg	6/6-8/10/44	Dog			1♂ 1♀
	8/30/44	Man			1♂

TABLE 1 (Continued)

Species and Locality	Date	Host or Source	Number of Specimens Collected		
			L	N	Adults
Amblyomma tuberculatum					
FLORIDA					
Boca Raton	6/25/43	Tortoise			1 ♂
	11/2/44	Tortoise			1 ♂
Carrabelle	5/18/44	Tortoise			1 ♀
	Nov., 1944	Turtle			2 ♂ 1 ♀
Dermacentor albipictus					
SOUTH CAROLINA					
Myrtle Beach	12/5/44	Deer			1 ♂
Dermacentor variabilis					
ALABAMA					
Ozark	5/16/44	Man			1 ♂
	Oct., 1944				1 ♂
FLORIDA					
Boca Raton	5/11/43				1 ♂
	10/27/44	Man			1 ♂
Panama City	4/14/44	House			1 ♂
	4/12/44	Dog			1 ♀
	5/20/44				1 ♂
	3/23/45	Man			1 ♀
W. Palm Beach	8/17-9/27/43	Man			1 ♂ 1 ♀
	9/17-11/16/43	Dog			2 ♂ 6 ♀
	3/31/44	Opossum			3 ♂ 2 ♀
	6/28-7/3/44	Raccoon			8 ♂ 8 ♀
	7/20/44	Dog			1 ♀
GEORGIA					
Atlanta	May, 1944				1 ♂
	8/29/44	Man			1 ♂ 1 ♀
Columbus	6/1-7/6/44	Man			1 ♂ 5 ♀
Decatur	6/13/45	Dragging			1 ♂ 2 ♀
	6/13/45	Dog			23 ♂ 7 ♀
Hinesville	4/11-6/27/44	Man			4 ♂ 2 ♀
Macon	5/18/44	Man			1 ♂
	5/22-8/2/44	Dog			6 ♂ 1 ♀
Ft. Oglethorpe	4/29/44				1 ♂
Savannah	5/5-6/28/44	Dog			8 ♂ 13 ♀
	May, 1944	Man			1 ♀
Valdosta	8/20/43	Horse			1 ♂
Warner Robins	May, 1944				2 ♂ 1 ♀
MISSISSIPPI					
Hattiesburg	5/15/44	Dog			1 ♂
	7/5-8/25/44	Man			6 ♂ 6 ♀
NORTH CAROLINA					
Durham	7/16/43	Man			1 ♂ 1 ♀
	5/2/44	Tent			1 ♂
	5/16-6/29/44	Man			4 ♂ 4 ♀
	6/21/45				1 ♂

TABLE 1 (Continued)

Species and Locality	Date	Host or Source	Number of Specimens Collected		
			L	N	Adults

Dermacentor variabilis (Cont'd)					
NORTH CAROLINA					
Goldsboro	5/8-7/3/44	Dog		11 ♂	3 ♀
	6/13-22/44	Man		2 ♂	2 ♀
Hoffman	5/24-6/30/44	Dog		44 ♂	41 ♀
	6/1-23/44	Dragging		3 ♂	3 ♀
Maxton	June, 1944				1 ♀
	7/6/44	Man			1 ♀
Swannanoa	5/1-8/7/44	Dragging		7 ♂	5 ♀
Wilmington	6/17/44	Man		1 ♂	2 ♀
	6/9/44				1 ♀
SOUTH CAROLINA					
Columbia	8/9-12/44	Man		3 ♂	2 ♀
	8/18/44	Dog			1 ♀
Florence	July, 1944			1 ♂	
Myrtle Beach	4/2-8/29/44	Man		9 ♂	2 ♀
	7/31-8/14/44	Dog		2 ♂	
	3/28-5/26/45	Man		3 ♂	1 ♀
Spartanburg	6/21/44	Man		1 ♂	1 ♀
Sumter	9/19/43	Man			2 ♀
	4/15-26/44	Dog		3 ♂	1 ♀
TENNESSEE					
Paris	8/11/43	Bridge			1 ♀
	8/3/44				1 ♀
Haemaphysalis leporis-palustris					
FLORIDA					
Boca Raton	May, 1944				1 ♀
GEORGIA					
Macon	10/7/43	Rabbit			1 ♀
	4/3/45	Rabbit			1 ♀
NORTH CAROLINA					
Goldsboro	5/30/44	Man			1 ♀
TENNESSEE					
Bairds Mill	June, 1943	Rabbit		1 ♂	
Ixodes ricinus-scapularis					
FLORIDA					
Apalachicola	11/2/44	Man			1 ♀
Avon Park	Dec., 1944				1 ♀
Boca Raton	3/18/43			1 ♂	
	10/16/43				1 ♀
	1/1-31/45	Man		1 ♂	3 ♀
Daytona	1/6/45	Man		1 ♂	
Panama City	11/22-12/22/44	Man		3 ♂	1 ♀
	5/15/45	Man		1 ♂	
Venice	12/24/43	Man			1 ♀

TABLE 1 (*Continued*)

Species and Locality	Date	Host or Source	Number of Specimens Collected		
			L	N	Adults

***Ixodes ricinus-scapularis* (Cont'd)**

FLORIDA					
W. Palm Beach	1/25-2/26/45	Dog			3 ♀
	3/31/44	Opossum			2 ♂ 5 ♀
GEORGIA					
Hinesville	5/5-10/8/44	Man		2	1 ♀
Valdosta	2/9/44	Horse			1 ♂ 4 ♀
MISSISSIPPI					
Hattiesburg	1/8/44	Dog			1 ♀
	3/19/44	Man			1 ♀
SOUTH CAROLINA					
Myrtle Beach	10/28-12/2/43	Man			4 ♂ 7 ♀
	11/2/43	Deer			9 ♂ 12 ♀
	11/3/43	Fox			3 ♂ 3 ♀
	11/3/43	Dog			9 ♀
	1/27-5/10/44	Man			2 ♂ 8 ♀
	12/12-22/44	Deer			6 ♂ 7 ♀
	12/22/44	Fox			2 ♂ 2 ♀
	1/5-4/17/45	Man			5 ♀
	1/14/45	Cat			2 ♂ 2 ♀
	3/12/45	Dog			1 ♂

Rhipicephalus sanguineus

ALABAMA					
Selma	9/14/44	House			6 ♀
FLORIDA					
Daytona	11/14/44	Dog			27 ♂ 19 ♀
Marianna	3/24/44	Dragging			1 ♂
W. Palm Beach	8/11-12/26/43	Dog		7	36 ♂ 75 ♀
	1/8-10/11/44	Dog			19 ♂ 25 ♀
	1/24/44	Man		1	
GEORGIA					
Albany	10/20/43	Dog			4 ♂ 3 ♀
Atlanta	6/23/43	Dog			6 ♂ 14 ♀
Atlanta	6/26/45	House			1 ♂
Augusta	8/24/44	Dog		13	
Columbus	9/22/43	Dog			15A
	Nov., 1943	Dog			6A
	1/15-6/24/44	Dog		33	70 ♂ 110 ♀
	7/3-12/13/44	House		61	61 ♂ 60 ♀
	8/29/44	Man			1 ♀
	1/24-3/5/45	House		14	23 ♂ 26 ♀
Hinesville	March, 1945	House			1 ♀
Macon	9/18-11/29/43	Dog		2	6 ♂ 15 ♀
	3/20/45			13	4 ♂ 5 ♀
Savannah	3/15-8/24/44	Dog			3 ♂ 4 ♀
Ft. Screven	Oct., 1943				3 ♂ 2 ♀

TABLE 1 (Continued)

Species and Locality	Date	Host or Source	Number of Specimens Collected		
			L	N	Adults

Rhipicephalus sanguineus (Cont'd)

MISSISSIPPI					
Biloxi	8/6/43	House			6A
Flora	Sept., 1944			14	
Hattiesburg	1/29-6/10/44	Dog		7	37 ♂ 68 ♀
Jackson	10/2/43	House			6 ♂ 5 ♀
NORTH CAROLINA					
Fayetteville	2/1/44	House		2	
Swanannoa	8/22/43	House		18	10 ♂ 13 ♀
	1/26-3/28/44	Dog			10 ♂ 11 ♀
SOUTH CAROLINA					
Columbia	8/29/43	House			3 ♂ 10 ♀
Myrtle Beach	2/20/44	House			1 ♂

Ornithodoros turicata

FLORIDA					
W. Palm Beach	5/18/44	Tortoise			1 ♀

Dragonflies (Odonata) Collected in Pennsylvania and New Jersey in 1945

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Erythrodiplax berenice Drury.

NEW JERSEY: Upton Ponds, 1 ♂, 22 July.

This individual had apparently wandered from its normal brackish habitat.

Libellula deplanata Rambur.

NEW JERSEY: Whitesbog, 1 ♀, 29 April; Upton, 2 ♂, 4 ♀, 13 May; 8 ♂, 20 May; 1 ♂, 24 June; Whitesbog, 1 ♂, 1 ♀, 29 June.

Since *exusta* Say and *deplanata* Rambur are evidently forms of the same species, these specimens from New Jersey, the tension zone of the two forms, combine the characters of both. At all manner of small ponds, ditches, and sand pits, *deplanata* was abundant in May.



Carpenter, Stanley J., Chamberlain, Roy W., and Peeples, Leonora. 1946. "Tick Collections At Army Installations the Fourth Service Command." *Entomological news* 57, 71–76.

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