

STUDIES ON THE FAUNA OF CURAÇAO AND  
OTHER CARIBBEAN ISLANDS: No. 205

NOTES ON THE HYMENOPTERA ACULEATA FROM  
ST. MARTIN, SABA, AND ST. EUSTATIUS

by

R. T. SIMON THOMAS

(Nunspeet, Netherlands)

A list is given of 1 sp. of Scoliidae, 3 spp. of Pompilidae, 3 spp. of Vespidae, and 10 spp. of Sphecidae collected on the Netherlands Antillean Windward Islands: St. Martin (Sint Maarten), Saba, and St. Eustatius.

The material from the Institute of Taxonomic Zoology (Zoölogisch Museum), Amsterdam, and the State Museum of Natural History (Rijksmuseum van Natuurlijke Historie, RMHN), Leiden, was studied. That of the first mentioned institute was partly collected by the author during a visit to St. Martin and Saba (Fig. 46) in January and February 1982.

Abbreviations of the collectors:

AB	A. C. J. BURGERS	JP	J. PÉREZ
AK	A. J. KRUSEMAN	JS	J. H. STOCK
CW	C. WEHLBURG	PH	P. WAGENAAR HUMMELINCK
DG	D. C. GEJSKES	R	RIJGERSBERG
EG	E. GEJSKES	RC	R. H. COBBEN
E/ST	W. N. ELLIS & R. T. SIMON THOMAS	S	A. VAN DER SAR
HC	H. W. E. CROOCKEWIT	V	J. VLIENEN

VESPIDAE, Polistinae

**Polistes (Aphanilopterus) crinitus multicolor (Olivier)**

ST. MARTIN: 1906 (1♀, R); I. 1966 (14♀, AK); Philipsburg, 9, 12.III.1949 (4♀, AB), 21, 25.V.1949 (31♀, PH); Pointe Blanche, 17.V.1949 (7♀, PH); Slob of Proefstation St. Peter, 24.V.1949 (3♀, PH); Sandy Ground, 7.III.1953 (3♀, HC); Prince's

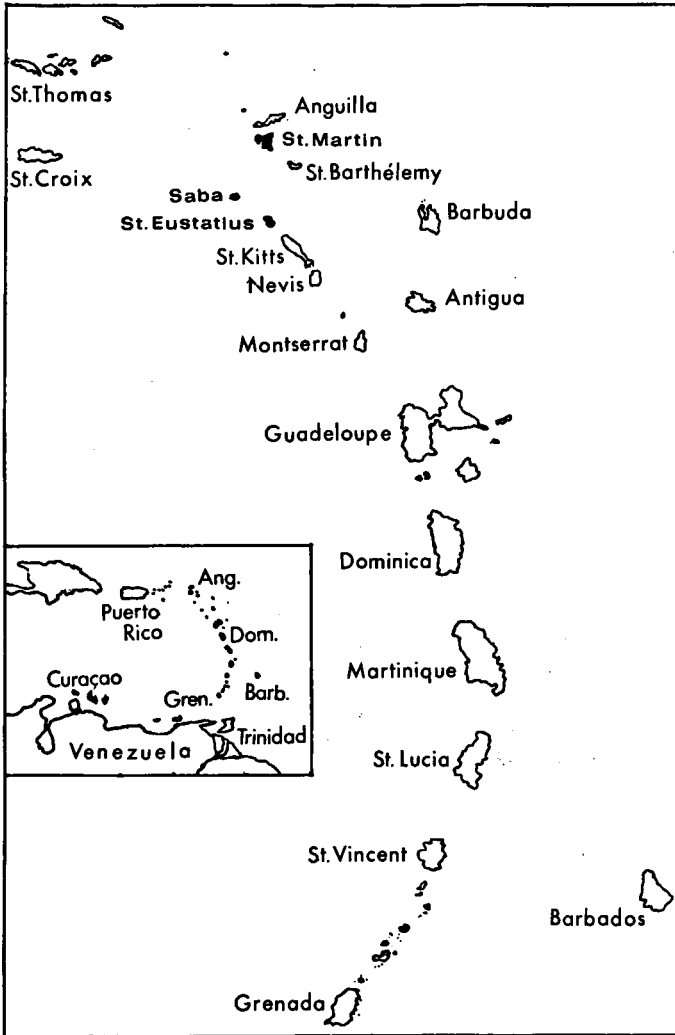


Fig. 46. Sketch map of Lesser Antilles, showing the situation of St. Martin, Saba and St. Eustatius.

Quarter, 27.IV.1978 (2♀, JS); Lower Prince's Quarter, VIII.1981 (1♀, V); Fort Amsterdam, 27.I.–12.II.1982 (44♀, 4♂, E/ST); Billy Folly, 8.II.1982 (1♀, E/ST); Morne Valois, 6.II.1982 (3♀, E/ST); Around Oyster Pond, 27.I., 7.II.1982 (4♀, E/ST); Pic du Paradis (424m), 3, 5.II.1982 (10♀, E/ST); Terres Basses, 31.I.1982 (2♀, 1♂, E/ST).

SABA: The Bottom, 2.III.1949 (2♀, AB); Water Hole, Hellsgate, 25.VII.1949 (2♀, PH); Windwardside, 14.III.1953 (1♀, HC).

St. EUSTATIUS: 1949 (21♀, PH); Pool of Golden Rock, 8.VII.1949 (9♀, PH); Oranjestad, 24.III.1949 (83♀, 2♂, AB), 9.VII.1949 (49♀, PH); Schildpaddenbaai, 21.VIII.1949 (27♀, 2♂, AB).

St. Croix, Anguilla, St. Barthélemy, St. Kitts, Nevis, Antigua, Montserrat, Guadeloupe, and Dominica (RICHARDS, 1978).

The "Spanish Jack" is a very common wasp in the islands of the Lesser Antilles. Observations on nests were made in St. Martin; new nests were established by swarming (SIMONTHOMAS, 1982). The material of St. Martin (Philipsburg and Slob of Proefstation St. Peter, 1949) consists partly of very light coloured specimens, caused by the initial preservation of the wasps either in alcohol or in formaline.

### **Polistes (Aphanilopterus) myersi curassavicus Richards**

In the Leyden Museum there is one female of the species with a printed label "St. Martin / Philipsburg / 25.V.1949 / P. W. Hummelinck". RICHARDS (1978) cites as distribution of the nominate subspecies: Colombia, Venezuela, and Panama. The subspecies *curassavicus* is restricted to the islands: Aruba, Bonaire, and Curaçao. The specimen was probably mislabelled.

## VESPIDAE, Eumeninae

### **Zethus (Zethusculus) arietas (Fabricius)**

St. MARTIN: Pic du Paradis, 3, 5.II.1982 (1♀, E/ST).

SABA: The Bottom, 2.III.1949 (1♀, AB)

According to BOHART & STANGE (1962) Fabricius described this species after material from St. Thomas.

### **Pachodynerus (Monobiella) atratus (Fabricius)**

St. MARTIN: Cul de Sac, Reward, 1.VII.1965 (1♂, EG); Around Oyster Pond, 27.I., 7.II.1982 (1♀, E/ST); Pic du Paradis, 3, 5.II.1982 (1♂, E/ST).

SABA: Ladder Bay, 4.VII.1965 (1♀, 1♂, DG); 10.II.1982 (4♀, 1♂, E/ST).

MONTSERRAT: Belham River, 1.VII.1965 (15♂, EG).

St. KITTS: Muddy Ponds, 25.VI.1965 (1♀, DG).

## SCOLIIDAE, Campsomerinae, Campsomerini

**Campsomeris (Dielis) dorsata (Fabricius)**

ST. MARTIN: French Cul-de-Sac, 29.I., 2.II.1982 (16♂, E/ST); Fort Amsterdam, 25.I.–12.II.1982 (1♀, E/ST); Terres Basses, 31.I.1982 (14♂, E/ST).

SABA: 10.II.1982 (1♂, E/ST).

ST. EUSTATIUS: Schildpaddenbaai, 21.II.1949 (1♂, AB); Kings Well, Downtown, 12.VII.1949 (1♀, PH).

St. Croix and Dominica (EVANS, 1972).

As the males fly around in swarms, most of the material consists of males.

## POMPILIDAE

**Anoplius amethystinus amethystinus (Fabricius)**

ST. MARTIN: Fort Amsterdam, 25.I.–12.II.1982 (1♂, E/ST).

SABA: 10.II.1982 (1♂, E/ST).

**Pepsis saphirus Palisot de Beauvois**

ST. MARTIN: I.1966 (1♀, 6♂, AK); Concordia Hill, 28.I.1982 (1♂, E/ST); Pic du Paradis, 3, 5.II.1982 (3♀, 8♂, E/ST); Morne Valois, 6.II.1982 (2♀, 5♂, E/ST).

ST. EUSTATIUS: The Quill, I.1957 (2♀, RC).

**Pepsis rubra (Drury)**

ST. MARTIN: (1♀, R).

ST. EUSTATIUS: Schildpaddenbaai, 21.II.1949 (8♂, AB); Pool of Golden Rock, 8.VII.1949 (11♂, PH); Little Mountains, I.1957 (3♂, RC), 26–28.VI.1965 (1♀, 3♂, DG); Oranjestad, 2.I.1957 (1♀, RC).

MONTSERRAT: Plymouth, 15–17.VI.1965 (5♀, 14♂, EG).

BARBUDA: 18–20.VI.1965 (3♀, DG); Codrington Village, 18.VI.1965 (2♀, 25♂, DG).

ST. KITTS: Muddy Ponds, 25.VI.1965 (1♂, DG).

## SPHECIDAE

**Sceliphron fasciatum** (Lepelletier)

ST. MARTIN: Fort Amsterdam, 25.I.–12.II.1982 (4♀, E/ST).  
DOMINICA: 1934–1935 (2♀, CW).

Guadeloupe (BOHART & MENKE, 1976), St. Vincent (ASHMEAD, 1900).

**Sphex (Sphex) caliginosus** Erichson

ST. MARTIN: IV.1982 (2♀, S); Pic du Paradis, 3, 5.II.1982 (1♀, 1♂, E/ST).  
SABA: 15.XII.1956 (1♀, RC).

St. Vincent (ASHMEAD, 1900) and Lesser Antilles (BOHART & MENKE, 1976).

**Sphex (Sphex) dorsalis** Lepelletier

ST. MARTIN: 6.XI.–21.XII.1956 (1♀, RC).  
GUADELOUPE: (2♂, JP).

Dominica, St. Croix, and St. Vincent (EVANS, 1972).

**Liris antilles** (Krombein)

ST. MARTIN: French Cul-de-Sac, 29.I., 2.II.1982 (6♀, 1♂, E/ST).

**Liris apicipennis** (Cameron)

ST. MARTIN: Around Oyster Pond, 27.I., 7.II.1982 (1♂, E/ST).

**Liris argentata** (Palisot de Beauvois)

ST. MARTIN: Around Oyster Pond, 27.I., 7.II.1982 (1♀, 1♂, E/ST).

**Liris** sp.

ST. EUSTATIUS: Concordia, 21.II.1949 (1♂, AB).

**Trachytes fraternus** Taschenberg

ST. MARTIN: Fort Amsterdam, 25.I.-12.II.1982 (1 ♀, E/ST).

**Oxybelus analis** Cresson

ST. MARTIN: French Cul-de-Sac, 29.I., 2.II.1982 (2 ♀, 6 ♂, E/ST).

**Stictia signata** (Linnaeus)

ST. MARTIN: (1 ♀, R); Philipsburg, 9, 12.III.1949 (1 ♀, 1 ♂, AB); Sandy Ground, 7.III.1953 (2 ♀, HC), 6.XI.-21.XII.1956 (4 ♀, 2 ♂, RC); Fort Amsterdam, 25.I.-12.II.1982 (6 ♀, 2 ♂, E/ST); Around Oyster Pond, 27.I., 7.II.1982 (2 ♂, E/ST); French Cul-de-Sac, 29.I., 2.II.1982 (5 ♀, 6 ♂, E/ST).

SABA: The Bottom, 2.III.1949 (1 ♀, AB), 9.XII.1956 (1 ♀, RC); Windwardside, 15.XII.1956 (2 ♀, RC).

ST. EUSTATIUS: Schildpaddenbaai, 21.II.1949 (5 ♀, 1 ♂, AB).

The species ranges very widely in the West Indies and may inhabit all islands (EVANS, 1972). It occurs near the coast or on sandy areas.

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Address of author: Dr. R. T. SIMON THOMAS,  
Mythsteelaan 32, 8072 PZ Nunspeet, Netherlands