

The range of size for the species as a whole is: abdomen, ♂ 39 (Duran)—44.5 (Altamira), ♀ 41 (Altamira, Port-au-Prince)—46 (Atoyac, Babahoyo); hind wing, ♂ 36.5 (Port-au-Prince)—42 (Altamira), ♀ 39 (Port-au-Prince)—44 (Vera Cruz) mm.

So far as known, the pale markings of the body are retained throughout life, although their tint becomes duller.

*Hab.* UNITED STATES, Key West (*A. N. S.*: 1 ♂) (*Morrison, M. C. Z.*) in Florida, Corpus Christi? (*Aaron, A. N. S.*: 2 ♂, 2 ♀) and Esperanza Ranch near Brownsville (*Schaeffer, Brooklyn Inst.*: 1 ♀) in Texas.—MEXICO<sup>13</sup>, Matamoros<sup>2</sup> and Altamira (*Hoag, coll. P. P. C.*: 13 ♂, 3 ♀) in Tamaulipas, Mazatlan<sup>3</sup> (*Crotch, M. C. Z.*; *Eisen & Vasil*<sup>10</sup>), Santiago Iscuintla (*Schumann*: 4 ♂) in Jalisco, Misantla (*F. D. G.*: 1 ♂) and Atoyac (*Schumann*: 1 ♀) in Vera Cruz (*coll. Adams*: 3 ♂, 5 ♀), Acapulco (*H. H. Smith*: 1 ♀; *Hasler Exped., M. C. Z.*), Tehuantepec (*coll. Deam*: 1 ♂), Lumija (*coll. Westcott*: 1 ♂) in Chiapas; GUATEMALA, Chacoj [3 ♂, 1 ♀], Panima [1 ♂], San Gerónimo [1 ♂, 1 ♀], El Reposo [1 ♂] (*Champion*), San Felipe (*Maxon & Hay, U. S. N. M.*: 1 ♀), Puerto Barrios (*Hine, O. S. U.*: 1 ♀) [1 ♂], Zacapa [1 ♂] (*Deam, coll. Willmsn.*); HONDURAS, Puerto Cortez (*teste Willmsn.*); COSTA RICA, San Gabriel near San José (*Tristan*: 1 ♀); PANAMA, Chiriqui (*coll. McLachlan*: 1 ♂), La Chorrera (*Dolby-Tyler*<sup>8</sup>), Colon (*Howland, coll. Needham*: 2 ♂), Panama<sup>3</sup> (*M. C. Z.*).—COLOMBIA, Barranquilla<sup>11</sup>, Bonda [*H. H. Smith*: 5 ♂, 3 ♀] in Dept. Magdalena, Bogota [1 ♀] (*Carn. Mus. Pittsb.*); VENEZUELA (*U. S. N. M.*: 2 ♂); GUIANA<sup>2</sup>, Georgetown (*A. M. N. H.*: 2 ♂, 1 ♀), Paramaribo [*Miss K. Mayo*: 1 ♀]; ECUADOR, El Salado [3 ♂, 3 ♀], Duran [2 ♂, 1 ♀], Babahoyo [4 ♂, 1 ♀], Guayaquil<sup>12</sup> [1 ♂] (*Campos R., A. N. S.*); BRAZIL, Santarem<sup>7</sup>, Itacoatiara<sup>7</sup>, Manaus<sup>7</sup>, Mosqueiro<sup>7</sup>, Pernambuco<sup>2</sup>, Bahia<sup>2</sup>, Rio Janeiro<sup>2</sup>, Chapada (*H. H. Smith, Carn. Mus. Pittsb.*: 1 ♂), Santa Anna do Japara (*Moenkhaus, coll. Adams*: 1 ♀); PARAGUAY, Sapucay (*Foster, U. S. N. M.*: 2 ♂); WEST INDIES, Havana (*Baker, coll. P. P. C.*: 1 ♂) and Cardenas<sup>3</sup> in Cuba<sup>2</sup>, Port Morant (*Moore & Bullock, Univ. of Pa. Exped.*: 1 ♂, 2 ♀), Bath (*Mrs. Swainson*<sup>9</sup>) and Half-way Tree (*Aaron, coll. P. P. C.*: 1 ♀) in Jamaica (*Johnson*), Port-au-Prince (*coll. Adams*: 4 ♂, 4 ♀) in Hayti<sup>2 3</sup> (*Abbott, A. N. S.*: 2 ♀), Mayaguez (*Barrett, coll. P. P. C.*: 1 ♂) in Porto Rico<sup>4</sup>, St. Thomas<sup>2</sup>, St. Vincent<sup>6</sup>, Barbados<sup>3</sup> (*Todd, A. N. S.*: 1 ♀), Union<sup>6</sup>, Grenada<sup>6</sup>.

Taken in February (Guatemala, the Amazon<sup>7</sup>, Sapucay, Port-au-Prince), in July (Esperanza Ranch, Altamira, Santiago Iscuintla, Lumija, Colon), in almost every month of the year in the West Indies.

Prof. Campos has a note<sup>12</sup> on this species attacking the Lepidoptera, *Junonia cœnia* and *Pieris monuste*, at Guayaquil.

#### PACHYDIPLAX.

*Pachydiplax*, Brauer, Verh. zool.-bot. Ges. Wien, xviii. pp. 368, 722 (1868); Kirby, Trans. Zool. Soc. Lond. xii. pp. 263, 305 (1889); Cat. Odon. p. 40 (1890); Calvert, Trans. Amer. Ent.