

UNIVERSIDAD DE LA REPUBLICA
FACULTAD DE AGRONOMIA
MONTEVIDEO - URUGUAY

**A NEW SPECIES OF ANACAMPSIS
REARED FROM CLOVER
(LEPIDOPTERA: GELECHIIDAE)**

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Mr. Mario S. Moratorio of the Laboratorio de Entomología, Facultad de Agronomía, Montevideo recently sent reared specimens of what proved to be an undescribed species of *Anacamptis*. To make a name available, so that he can publish on the biology of this species, the following description is given.

Anacamptis humilis, new species

A small, orange-brown moth (fig. 1). Head: first and second segments of labial palpus light brown, apex and dorsal surface of second segment orange-white, tufted dorsally, third segment brownish orange, posterior surface pale from base to two-thirds; tongue and maxillary palpus light brown; frons orange-white, a row of light brown scales in front of eye; vertex and occiput grayish orange, bases of scales above eye orange-white; scape and base of shaft of antenna orange-white on anterior margin, continued as a broken line of orange-white half segments to three-fourths length, dark gray-brown elsewhere. Thorax: grayish orange. Forewing: mainly grayish orange, grayish brown and grayish orange scales scattered generally over surface, pale orange to orange-white along costa from base to two-thirds length, costal margin dark brown from base to one fifth length, cilia darker than wing. Hindwing: grayish orange; cilia pale orange at base, becoming grayish orange medially; a pecten present on basal one-half of Cu; numerous, slender scales on anal region at base. Abdomen: sclerites as in figures 4 and 5; grayish orange, slightly darker than thorax, many scales be-

1. Systematic Entomology Laboratory, Entomology Research Division, Agr. Res. Serv., U.S.D.A.

Mail address: c/o U.S. National Museum, Washington, D.C. 20560.

coming greasy, last segment light orange. Foreleg: mainly light brown, becoming darker distally, apex of coxa and base of femur orange-white; apices of tarsomeres with scattered pale scales. Midleg: much as for foreleg. Hindleg: similar to foreleg; coxa mainly pale orange; dorsal surface of femur orange-white; dorsal tibial tuft pale orange, inner surface orange-white, outer tibial spurs darker than remainder of tibia; tarsus brownish gray, apices of segments with pale scales. Male genitalia: as in figures 2 and 3 (RWH slide 4677). Aedeagus with a bulbus base, slender for distal half; valvae simple, expanded at one-half length; gnathos heavily sclerotized medially; apex of uncus truncated, a series of peglike setae at middle of ventral surface. Female genitalia: as in figure 6 (RWH slide 4678). Ostium bursae simple, walls of ductus bursae and corpus bursae with numerous, fine spicules; signum a narrow, sclerotized band, posterior margin with short setae, set in circular area free of spicules; ductus seminalis arising from corpus bursae from anterior portion of same circular area as signum; a heavily sclerotized ring in membrane beyond posterior margin of seventh tergite, posterior margin of this ring produced to point. Alar expanse: 12,5-13,0 mm.

Food plant: *Trifolium repens* L.

Holotype: male, Uruguay, San José - R. 1, Km. 42; 20-X-1965; Food Plant: *Trifolium repens* L.; Leg. E. M. Casella, C. S. Morey; Card Nº 0253. RWH genitalia slide 4677. U.S.N.M. Type Number 70551.

Paratypes: 3 ♂♂, 2 ♀♀, same data as for holotype. RWH genitalia slide 4678 (♀). Deposited in the Laboratorio de Entomología, Facultad de Agronomía, Montevideo and the U.S.N.M.

Remarks: *Anacampsis humilis* is nearest *Anacampsis crypticopa* (Meyr.) which was described from "Territory Río Negro", Argentina. It differs from *crypticopa* by the general orange-brown color of the head, thorax, and forewings as contrasted with the dark gray of the latter. In the male genitalia the valvae of *humilis* are expanded just before one-half; they are uniform in width in *crypticopa*.

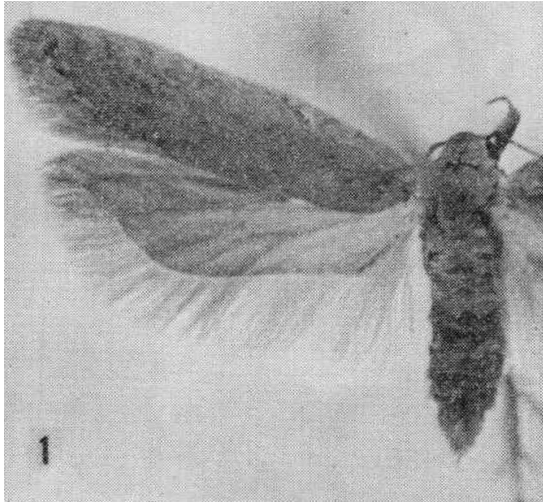
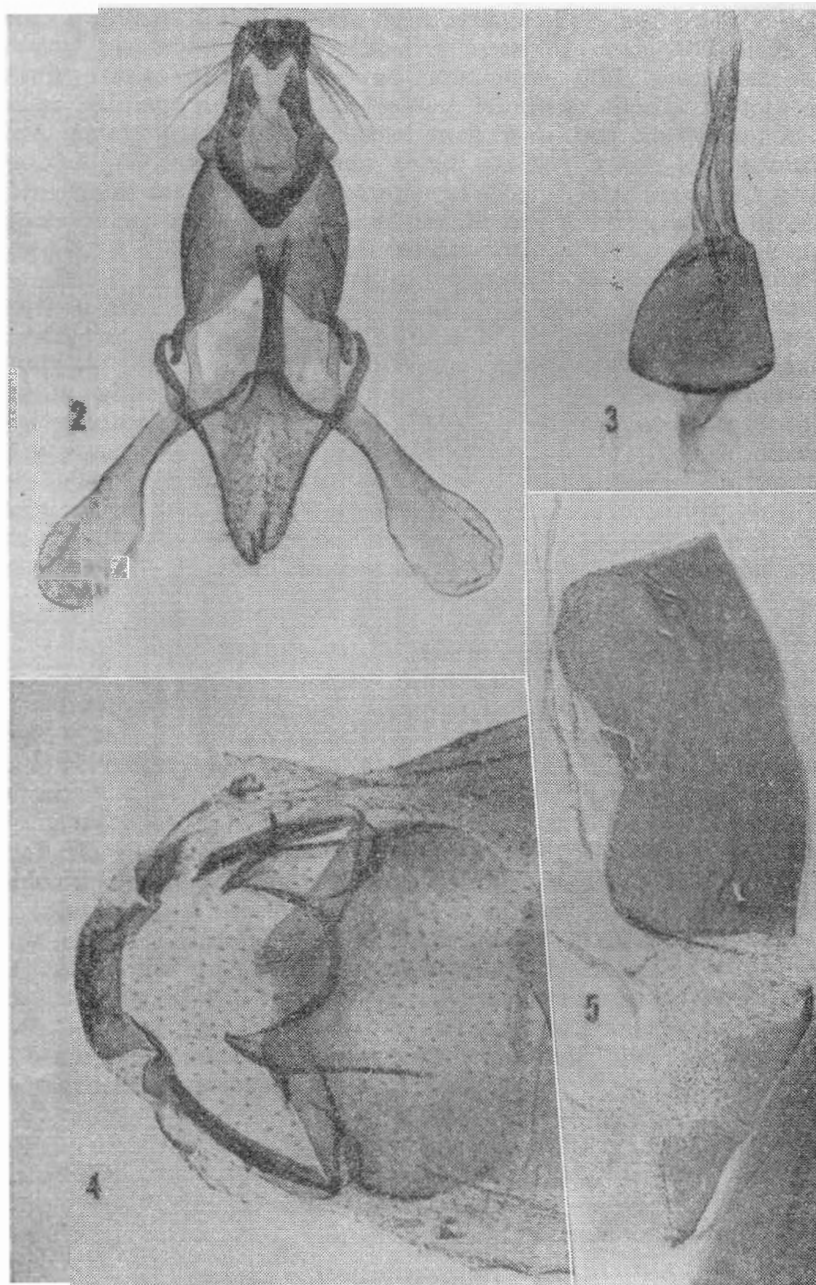


FIGURE 1.—Habitus of *Anacamopsis humilis* Hodges;
San José, Uruguay.



FIGURES 2-5.— Male genitalia and abdominal segments of *Anacampsis humilis* Hodges: 2, male genitalia with aedeagus removed; 3, aedeagus; 4, first and second abdominal segments; 5, eighth tergite (lower) and eighth sternite (upper).

HODGES: A NEW SPECIES OF ANACAMPISIS

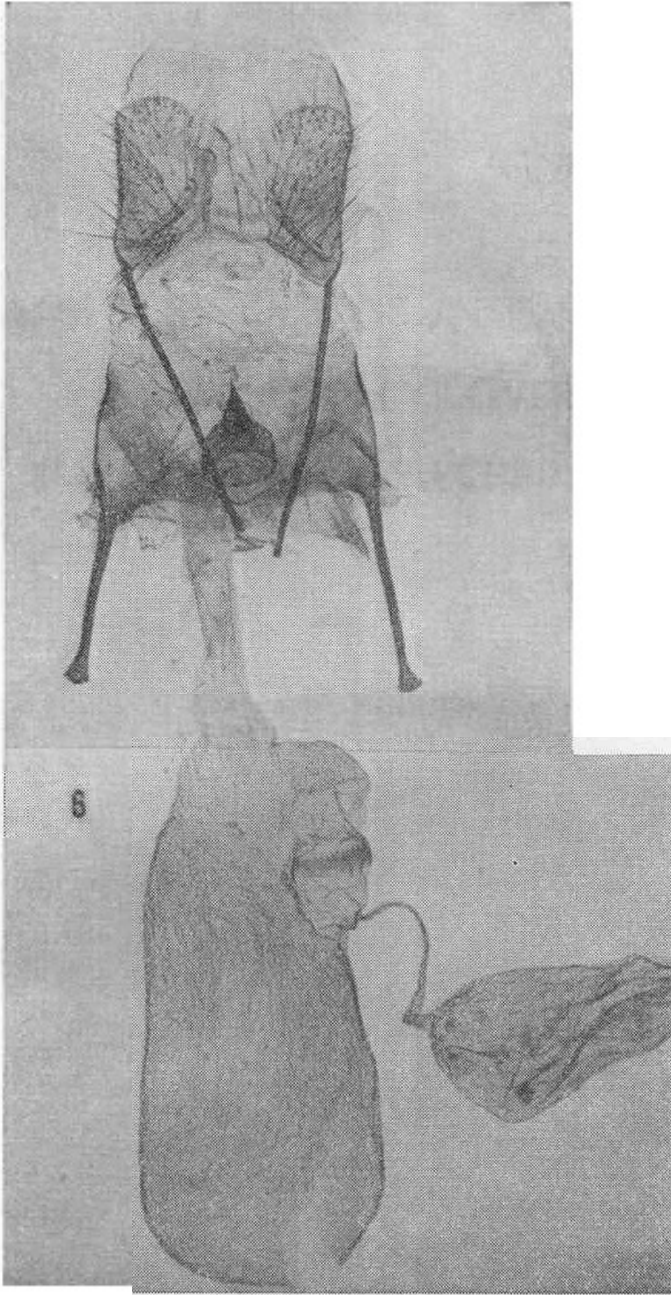


FIGURE 6.—Female genitalia of *Anacampsis humilis* Hodges, ventral view.