

# NEW ICHNEUMONID SPECIES (HYMENOPTERA: ICHNEUMONIDAE) FOR THE ROMANIAN FAUNA FROM THE RETEZAT NATIONAL PARK

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In this paper the authors present 7 species belonging to 5 genera of subfamilies Ichneumoninae and Phaeogeninae. These ichneumonids were collected in August 1964 and July 1965 in the scientific zone (at 1,600 m. altitude) of the Retezat National Park. All these 7 species: *Aoplus ruficeps* (Grav.), *A. personatus* (Grav.), *A. altercator* (Wesm.), *Ichneumon acosmus* Kriechb., *Homotherus magus* (Wesm.), *Deuterolabops pulchellatus* (Bridgm.) (subfamily Ichneumoninae) and *Phaeogenes minutus* Wesm. (subfamily Phaeogeninae), are new for the Romanian fauna.

Family *Ichneumonidae* Latreille 1802

Subfamily *Ichneumoninae* Ashmed 1900 (partim)

I. Genus *Aoplus* Tischbein 1894

I. *Aoplus ruficeps* (Gravenhorst) 1829,

1829 *Ichneumon ruficeps* Gravenhorst

1893 *Cratichneumon ruficeps* Thomson

1953 *Aoplus ruficeps* Perkins

1.♀, collected on August 17, 1964.

*Female*. Length: 10 mm. Head red. Antennae stout, subnodulous, black, with white ring, ventrally rust-red, with red scape. Anterior margin of neck, lines at base of wings, tegulae, wing base, scutellum, postscutellum and most of mesonotum brownish red. Area superomedia with fine carination, more or less square. Wings yellowish, stigma yellowish red. Legs red, hind coxae black with red spots, with an obvious scopa, hind tibiae with slight ridge on external surface. Postpetiole almost smooth, gastrocoeli small, transverse, with a narrow space between them. The apical band of tergite 6 and tergite 7 white.

*Hosts*: *Selenia lunaria* Den. et Schiff. and *Bupalus piniarius* L. (Lep., Geometridae).

*Geographical distribution*: Germany, England, Sweden, Hungary, Byelorussia, Russia (Voronezh, Ryazan, Kamciatka), Canada.

2. *Aoplus personatus* (Gravenhorst) 1828,

1829 *Ichneumon personatus* Gravenhorst

1893 *Cratichneumon personatus* Thomson

1981 *Aoplus personatus* Rasnitsyn

3.,♂♂ collected on August 16 and 17, 1964.

**Male.** Length: 14-16 mm. Body large, black. Head narrowing posteriorly. Cheeks bulging. Clypeus, face, frons margins, cheeks, palps, mandibles, except teeth, white. Antennae enough widened, filiform, with white ring, scape ventrally white. Anterior margin of neck, lines above and below of base of wings, apical half of scutellum and postscutellum white. Area superomedia little longer than wide, little excavated behind. Stigma brown, tegulae white. Legs black, coxae with white spots, trochanters ventrally white, anterior part of tibiae yellow, tarsi whitish-yellow, the last ones darkened at end. Postpetiole rugose. Abdomen black, with brownish dense hairs.

**Hosts:** unknown.

**Geographical distribution:** Germany, France, Belgium, Sweden, Finland, Hungary, Russia (St. Petersburg, Voronezh, Tambov).

3. *Aoplus altercator* (Wesmael) 1858, ♀

1858 *Ichneumon altercator* Wesmael

1893 *Stenichneumon altercator* Thomson

1965 *Aoplus altercator* Townes et al

1, ♀ collected on July 13, 1965

**Female.** Length: 9 mm. Head short. Antennae stout, filiform, with white ring. Scape ventrally red. Anterior margin of clypeus, margins of frons and vertex and outer orbits red. Thorax mat. Anterior margin of neck, line before the wing base and a spot below it, scutellum and postscutellum rust-red. Stigma and tegulae yellowish red. Area superomedia square, delimited behind, costula fails. Legs black, tibiae and tarsi red, hind tibiae with black apex. Base and apex of fore and middle femora and base of hind femora red. Hind femora more bulging, hind coxae with weak scopae. Postpetiole rugose. Gastrocoeli transverse, not deep. Abdomen black, apex of tergite 1 and tergite 2 rust-red, the last one with brown middle. Ovipositor longer than apical depth of abdomen.

**Hosts:** unknown.

**Geographical distribution:** Germany, Italy, Sweden, Russia (St. Petersburg, Ryazansk, Irkutsk).

II. Genus *Ichneumon* Linnaeus 1758

4. *Ichneumon acosmus* Kriechbaumer 1880, ♂

1, ♂ collected on August 13, 1964.

**Male.** Length: 13 mm. Body enough shiny, with gray hairs. Head small enough. Head black, with inner orbits and palps yellow. Thorax black, with hind half of scutellum yellow. Area superomedia little wider than long, delimited behind. Stigma pale yellow. Legs black, anterior margin of fore femora and apex of middle femora brownish yellow, tibiae and tarsi yellow, the last ones at hind legs with black apex. Hind coxae ventrally smooth and shiny, dense punctured. Gastrocoeli small. Abdomen black with tergites 2 and 3 yellow.

**Hosts:** unknown.

**Geographical distribution:** Switzerland.

III. Genus *Homotherus* Foerster 1868

5. *Homotherus magus* (Wesmael) 1855, ♂

1855 *Ichneumon magus* Wesmael

1893 *Cratichneumon magus* Rasnitsyn

1 ♂, collected on August 13, 1964.

*Male*. Length: 6 mm. Head black. Clypeus, two spots on face, mandibles and palps yellow. Antennae black, with their apex ventrally reddish. Thorax black. Area superomedia square. Legs black. Fore and middle trochanters ventrally, fore and middle femora, base of hind femora, all tibiae and tarsi red, the last ones with black apex. Postpetiole almost smooth, anterior part fine punctured, gastrocoeli small, thiridia obviously impressed. Abdomen black, hind margin of tergites 2-3 reddish.

*Hosts*: *Epinotia solandriana* L. (Lep., Tortricidae).

*Geographical distribution*: Sweden, Lapland, Russia (Siberia), Finland and France.

IV. Genus *Deuterolabops* Heinrich 1975

6. *Deuterolabops pulchellatus* (Bridgman) 1889, ♂

1889 *Ichneumon pulchellatus* Bridgman

1903 *Barichneumon pulchellatus* Morley

1981 *Deuterolabops pulchellatus* Rasnitsyn

1 ♂, collected on August 12, 1964.

*Male*. Length: 12 mm. Clypeus, middle of face, inner orbits, two dots on vertex, scape ventrally, lines before wing base and below it, spot on pronotum, scutellum and postscutellum yellow. Legs red, coxae and trochanters black, the anterior ones on ventral side with white spots, the anterior part of fore femora and tibiae yellowish, apex of hind tibiae and tarsi black. Abdomen black, the end of tergite 1, tergite 2-4 red.

*Host*: *Eupithecia pulchellata* Steph. (Lep., Geometridae).

*Geographical distribution*: England.

Subfamily *Phaeogeninae* Dalla Torre 1902

V. Genus *Phaeogenes* Wesmael 1844

7. *Phaeogenes minutus* Wesmael 1844, ♀

1 ♂, collected on August 16, 1964.

*Female*. Length: 6 mm. Head almost not narrowing behind, temples bulging. Frons convex, densely punctured. Lower tooth of mandible shorter and more sharp than upper. Carination of propodeum complete. Area superomedia hexagonal, little wider than long. Petiolar area little concave. Legs are slender as at *Ph. infimus* Wesm. Hind coxae ventrally with oblique ridge. Hind tibiae little curved at base. Tergite 2-5 almost parallel-sided, shiny and punctate. Postpetiole almost smooth.

Head black, with red palps. Mandibles brown. Antennae black, pedicellus and segments 1-4 of flagelli red. Thorax black. Stigma brown. Legs red, hind coxae black, with red apex. Apex of hind femora, tibiae and tarsi blackish. Abdomen black, tergite 2-4 red.

*Hosts:* unknown.

*Geographical distribution:* Germany, Austria.

### *Conclusions*

The authors present 7 species belonging to 4 genera of subfamilies Ichneumoninae and Phaeogeninae, collected in August 1964 and July 1965 in the scientific zone of Retezat National Park at 1,600 m. altitude. All these 7 species are new for the Romanian fauna: *Aoplus ruficeps* (Grav.), *A. personatus* (Grav.), *A. altercator* (Wesm.), *Ichneumon acosmus* Kriechb. and *Homotherus magus* (Wesm.) of subfamily Ichneumoninae and *Phaeogenes minutus* Wesm. of subfamily Phaeogeninae.

## **SPECII NOI DE ICHNEUMONIDE (HYMENOPTERA: ICHNEUMONIDAE) PENTRU FAUNA ROMÂNIEI DIN PARCUL NAȚIONAL RETEZAT**

### **REZUMAT**

În această lucrare autorii prezintă 7 specii de ichneumonide, care aparțin la 4 genuri din subfamiliile Ichneumoninae și Phaeogeninae. Aceste ichneumonide au fost colectate în august 1964 și iulie 1965 în zona științifică a Parcului Național Retezat, la altitudinea de 1.600 m. Toate cele 7 specii sunt noi pentru fauna României: *Aoplus ruficeps* (Grav.), *A. personatus* (Grav.), *Ichneumon acosmus* Kriechb. și *Homotherus magus* (Wesm.) din subfamilia Ichneumoninae și *Phaeogenes minutus* Wesm. din subfamilia Phaeogeninae.

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