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Materials to the knowieage of the genus *Hydrellia*
ROBINEAU-DESVOIDY (*Ephydriidae*, *Diptera*)

Materiały ao znajomości roazaju *Hydrellia* **ROBINEAU-DESVOIDY**
(*Ephydriidae*, *Diptera*)

TADEUSZ ZATWARNICKI

Katedra Zoologii Akademii Rolniczej, ul. Cybulskiego 20, 50-205 Wrocław

ABSTRACT: Four new names: *Hydrellia canzonerii* for *H. nigra* CANZONERI, 1980, not MIYAGI, 1977. *H. ipsata* for *H. obscurata* CANZONERI, MENEGHINI, 1969, not STENHAMMAR, 1844. *H. meigeni* for *H. albiceps* MEIGEN, 1830, not MEIGEN, 1824. *H. svecica* for *H. nigripes* ZETTERSTEDT, 1838, not ROBINEAU-DESVOIDY, 1830 are proposed. Twenty one new synonyms of thirteen species have been detected: *H. albitrons* FALLEN (= *H. hydrocharitis* HERING; = *H. lajfooni* DEONIER), *H. argyrogenis* BECKER (= *H. ghanu* DEONIER), *H. cardamines* HALIDAY (= *H. hypopygialis* DUDA), *H. coenleariae* HALIDAY (= *H. strandi* DUDA), *H. concolor* STENHAMMAR (= *H. butomi* HERING), *H. fascitibia* v. ROSER (= *H. cruralis* COQUILLET; = *H. ruticornis* HENDEL; = *H. halophila* CANZONERI, MENEGHINI), *H. flaviceps* MEIGEN (= *H. transsylvana* BECKER), *H. griseoia* FALLEN (= *H. incerta* BECKER; = *H. chinensis* QU, LI; = *H. sinica* FAN, XIA), *H. ischiaca* LOEW (= *H. fallax* DUDA; = *H. appendiculata* COLLIN), *H. mutata* ZETTERSTEDT (= *H. speciosa* DUDA), *H. pubescens* BECKER (= *H. nasturtii* COLLIN; = *H. orlandinii* CANZONERI, VIENNA), *H. tenebrosa* COLLIN (= *H. luctuosa* CRESSON; = *H. nigra* MIYAGI), *H. tibialis* CRESSON (= *H. diadema* FREY). Three new combinations in *Hydrellia* are provided. Eight lectotypes are designated and new records of two other species from Oriental Region are provided. The world catalogue of the known species with synonyms, type locality and distribution is given.

The paper presents results of my work on the taxonomy and distribution of the genus *Hydrellia* ROBINEAU-DESVOIDY, and is the

pale at tip, and tarsi pale about base. Abdomen ovate and pointed ventrally in both sexes. terga greenish gray dorsally with light-gray pruinose laterally. The male terminalia small and hidden.

Distribution: Europe and Pakistan.

3. *Hydrellia argyrogenis* Becker

Hydrellia argyrogenis BECKER, 1896: 185.

Hydrellia ghanii DEONIER, 1978: 188. **syn. n.**

Type material examined: Paratype female of junior synonym labelled: "Hassanabdal. 18.III.72", "C. I. B. C A. W. 3/72. 31". "Pupa in stem of *Potamogeton perfoliatus*". "1080", "SPECIMEN ILLUSTRATED" (red). "PARATYPE ; HYDRELLIA GHANI. N. SP. DET. D. L. DEONIER 1976" (yellow) preserved in BMNH.

Other material examined: CHINA: Tschingchongfui Spanping. XI.1912. leg. H. SCHOEDE. 1 ♂ (ZMB); SPAIN: Canary Islands: G. Canaria: Fatagan. 30-XII-1980, M. BAÉZ. 1 ♀ (MB).

The species was described from Milano (Italy) and type material is presumably preserved in Museo Civico di Storia Naturale di Milano (Bezzi coll.). DEONIER described his species from Hassanabdal, Gondal and Warsak in Pakistan basing on holotype male and 26 (10 males and 16 females) paratypes. The differences given by DEONIER (1978) in colour of pleuron and coxae (light grey), index of abdominal terga IV and V and costal sections are insufficient to separate both species, but the contemporary material and the drawing of male genitalia defined the conspecificity of both BECKER's and DEONIER's species.

The species is distinguished from other *Hydrellia* species by antennae dark brown or black, face carinate and broadly prominent dorsally; each row of 4-7 facial setae duplicated; deeply, squarely recessed epistoma; gena very wide; face, gena and pleurae strongly silver-white, palpi dark brown; mesonotum brown, distinctly contrasting with pleura; a strong presuturai dorsocentral seta present.

Distribution: Great Britain, Hungary, Spain, Canary Islands, Iran, Pakistan, and China.

4. *Hydrellia canzonieri* nom. n.

Hydrellia nigra CANZONERI, 1982: 54, preoccupied by MIYAGI, 1977: 56

The species has been described from Bumbuna in Sierra Leone, and holotype, allotype and 6 paratypes are preserved in MCSNV. Since the name *nigra* is preoccupied by *H. nigra* MIYAGI, 1977, I propose to name

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