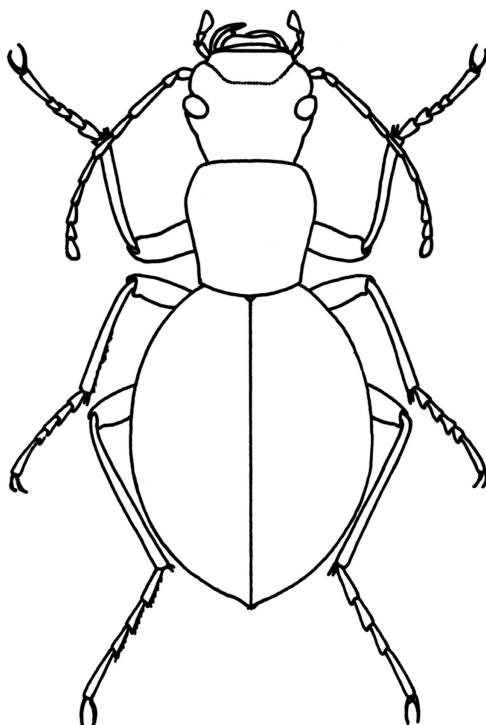


Кавказский Энтомологический Бюллетень

CAUCASIAN ENTOMOLOGICAL BULLETIN

Том 1. Вып. 2

Vol. 1. No. 2



**Ростов-на-Дону – Москва
2005**

New record of Encyrtids (Hymenoptera: Chalcidoidea) Новые находки Энциртид (Hymenoptera: Chalcidoidea)

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Key words: Chalcidoidea, Encyrtidae, New records, World

Abstract. List of one hundred and one (52) new country records are given. 1-1 species for Algeria, Australia, Bahamas, Burma, Cameroon, Costa-Rica, Colombia, Congo, Jordan, Oman, Pakistan, Honduras, Kuwait, New Zealand, Malaysia, Seychelles, South Africa, Tajikistan, Venezuela, Uganda; 2-2 species for Brazil, India, Israel, Kenya, Malawi, Sudan, Thailand, Togo, USA; 3-3 species for Egypt and Iran; 4-4 species for China and Palestine.

Резюме. Представлен список 101 новой находки энциртид для следующих стран: по 1 виду для фаун Алжира, Австралии, Багамских островов, Бирмы, Камеруна, Коста-Рики, Колумбии, Конго, Иордании, Омана, Пакистана, Гондураса, Кувейта, Новой Зеландии, Малайзии, Сейшельских островов, Южной Африки, Таджикистана, Венесуэлы, Уганды; по 2 вида для фаун Бразилии, Индии, Израиля, Кении, Малави, Судана, Тайланда, Того, США; по 3 вида для фаун Египта и Ирана; по 4 вида для фаун Китая и Палестины.

Introduction

One of the most important group in biological control of plant harmful insects is Encertidae family. With family Aphelinidae they are successfully used against many pests especially scale insects [Noyes, 1985; Nikolskaya, Yasnoch, 1966]. More than 400 species have been used worldwide as biological control agents of insect pests [Greathead, 1986; Neueschwander et all, 1990; Noyes, 1985; Noyes, 2005].

Material and Methods

Material examined is based on BMNH (The Natural History Museum, London, UK) collections. One species, Copidosoma radnense Erdos, is from Collection of Institute of Zoology, Georgian Academy of Sciences (IZGAS).

Results

List of Encyrtidae

1. *Coccidoxyenoides perminutus* Girault, 1915.

Material examined: Honduras: 2♀, El, Zamorano, ex mealybug on *Gardenia*, 29.06.1988, F.D. Bennet, (BMNH).

2. *Dicarnosis superba* Mercet, 1921.

Material examined: Kuwait: 1♀, South west, 18.05.1983, (BMNH).

3. *Dusmetia ceballosi* Mercet, 1921.

Material examined: USA: 1♀, 1♂, Wyoming: Bighora, 2800m

Alpine meadow, 22.07.1988, Groulet; Australia: 1♀, 1♂, Hundsheimer: *Melica ciliata*, 13.09.1977, Wailzbauer, (BMNH).

4. *Eusemion cornigerum* (Walker, 1838).

Material examined: New Zealand: 2♀, BR. Mt. Robert, 600-1400m 10.12.1980, E. Valentine, A. Walker; 1♀, CO Roaring Meg. 13.01.1981, J. Noyes, E. Valentine (BMNH).

5. *Habrolepis dalmanni* (Westwood, 1837).

Material examined: Uganda: 1♀, Kawanda, Ex Leucoptera on Coffea, 06.1963, D.J. Greathead, (BMNH).

6. *Homalotylus eytelweinii* (Ratzeburg, 1844).

Material Examined: Bahamas: 1♀, San Andros, 08.1977, F. Bennett; Brazil: 3♀ 3♂, Sp. Araras, 3.07.1978; Burma: 2♀, ex larva of Coccinellid, 28.01.1988; Colombia: 2♀, Ciatcali, 11.1977, F. Bennett; Congo: 7♀, Brazzaville, ex Phenacoccus manihoti, 08-10.1986, J. Moussa; Kenya: 1♀ 1♂, Ruiru, 5.11.1985; Malawi: 1♀, Vi Phya Forest, 21.01.1987; Malaysia: 1♀, Mardi, 20.09.1989, H.F.Chan; Sudan: 2♀, Gezira ex larva of Coccinellidae, 20.11.1952; Thailand: 5♀, 4♂, Chieng Mai, Suwarn Farm; Togo: 1♀, Attitougou, 23.02.1988; Iran: 1♀ Karaj, ex larva Coccinellidae, 1990, (BMNH).

7. *H. quaylei* Timberlake, 1919.

Material examined: Brazil: 4♀, Sao Paulo, Araras Ex coccinellidae larva on Sugar cane 14.03.1983, F.Bennett; Jordan: 1♂, Amman 1988, T.Allawi; Venesuela: 1♀ 1♂, Monagas Chaguramas, ex Phenacoccus herreni, 19.III.1990, (BMNH).

8. *L. abnormis* (Girault, 1915)

Material Examined: Algeria: 1♀, Skikda 20.11.1978, F.Bennet; China: 1♂, Fujian Prov., Xiamen, Xiamen hotel, 21.07.1992, H.W.Browning; Palestine: 2♀, Petah-Tiquva, ex Pseudococcus comstocki on Citrus, 02.1939, H.Z.Krein, (BMNH).

9. *Leptomastix flava* Mercet, 1921.

Material examined: Palestine: 3♀, 3♂, Migve Yisrael, ex *P. comstocki*, 3.09.1939, A.Grunberg, (BMNH).

10. *Metaphycus insidiosus* (Mercet, 1921).

Material examined: USA: 2♀, Fla. Levy Co. Archer 6.05.1987, F.Bennett, (BMNH).

11. *M. nietneri* (Motschulsky, 1859).

Material examined: Palestina: 2♀, 2♂, 1938, Dr H.Steinitz, (BMNH).

12. *M. rufulus* (Mercet, 1921).

Material examined: Tajikistan: 2♀, Turkestan ridge, nr shurab, 22-30.08.1963, Wootton, (BMNH).

13. *Ooencyrtus obscurus* (Mercet, 1921).

Material examined: China: 2♀, Hebei funing, 07.1987; 2♀, Liaoning Prov. Shenyang, ex *Lymantria sp.*, 17.02.1978, G.T.Xu (BMNH).

14. *O. telenomicida* (Vassiljev, 1904).

Material examined: Egypt: 1♂, Cairo, ex ova *Aspongopus vidvatus?*, 1963, Prof. M.Hafez; Pakistan: 1♀, Chitral Shenyak, 3350m, 07-08.1984,

W.01.Budenberg; 1♀, Hindu Kush, 3550m 08.1984, W.J.Budenberg, (BMNH).

15. *Prionomitus mitratus* (Dalman, 1820).

Material examined: Costa-Rica: 1♀, Hwy2. km.93 83°45'W 9°36'N, 3200m, 1-7.04.1985, H.Goulet & L.Masner; 1♂, San Jose, Cerro de la Muerte, 3200m, 7-13.04.1985, L.Masner, (BMNH).

16. *Prochiloneurus bolivari* Mercet, 1919.

Material examined: Israel: 1♀, Eilat, ex Antonina graminis, XII.1970, Z.Mendel, (BMNH).

17. *P. pulchellus* Silvestri, 1915.

Material examined: Cameroon: 3♀ Nkoemvon, VIII.1979, D.Jackson; Egypt: 1♀, Giza, PPRRI Roadside on Ficus, 22.10.1990, H.M.Browning; 1♀, 2♂, Qalyubiya Tukh. site 1 on Hibiscus, 27.X.1990, H.M.Browning; India: 2♀, Gujarat, Junagadh, ex mealibug, 5.01.1991, A.K.Borad; Iran: 9♀ Khuzestan, ex Pseudococcus on Tamar, 2.01.1990, G.A.Asadeh; Israel: 2♀ Tel Aviv, ex Planococcus vovae 06.1998, D.Blumberg; Malawi: 1♀, 2♂, Mangochi, ex Phenacoccus, 22.10.1987; Oman: 2♀, Rumais, ex mealibugs on lemon trees 18.01.1989; Seychelles: 13♀, 9♂, Maha Danzil-Anse Major 50m, 19-23.08.2000, J.Noyes; 1♀, Silhouette, 25-28.08.2000, J.Noyes; Thailand: 6♀, 1♂ Chiang Mai Ban Nong Huai, ex mealibug on egg-plant, 15.01.1992; Togo: 4♀, 2♂, Lome, G. tebygi, ex Rastrococcus invadens, 15.01.1987, U.Agricola, (BMNH).

18. *Pseudaphycus maculipennis* Mercet, 1923.

Material Examined: India: 2♀, Antibes, ex Pseudococcus, 17.01.1991, CSIRO Coll; (BMNH).

19. *P. malinus* Gahan, 1946.

Material examined: China: 1♀, Beijing, Arboretum nr Temple sleeping Buddha, on Prunus serifera, 7.06.1992, H.W.Browning, (BMNH).

20. *Psyllaephagus euphyllurae* (Masi, 1911).

Material examined: Egypt: 10♀, Ismailia, ex nymph of Euphyllura straminea on olive, 03-04.V.1992, (BMNH).

21. *Syrphophagus aeruginosus* (Dalman, 1820).

Material examined: Palestine: 8♀ 3♂, Mikwe, ex syrphid 04.1947 (BMNH).

22. *S. aphidivorus* (Mayr, 1876).

Material examined: Iran: 4♀, Rafsanjan, ex nymphs of Aganoscelis targionii, 1992, M.R.Mehrnejad; Kenya: 1♀ Machakos, 01-02.1997; Sudan: 1♀, Arc, ex Aphid, 12.1990, B.Munir, (BMNH).

23. *Tetracnemus bifasciatellus* (Mercet, 1921).

Material examined: South Africa: 1♀, Orange F. State, Harrismith, 1-20.03.1927, R.E.Turner; 1♀, E. Cape prov. Katberg. 11-18.02.1933, R.E.Turner; 2♀, Natal, Van Reenen, Drakensberg, 1-22.01.1927, R.E.Turner, (BMNH).

24. *Zaomma lambinus* (Walker, 1838).

Material examined: China: 9♀, Hainan, Halkou, ex Aunidia on oleander, 2.06.1988, F.D.Bennett& Ren Hui; 1♀, Hong Kong, Botanic. Gard., ex Aulacaspis sp. on Murraya paniculata, 23.05.1988, F.D.Bennett (BMNH).

Acknowledgment

Special thanks to The Royal Society for the financial support of this project by NATO Postdoctoral fellowship programme Ref. 15135/02B/TB and the Department of Entomology of The Natural History Museum for the use of its facilities. Also thanks to GRICES, for the financial support by NATO fellowship Ref: CP(GO)01/B/03/PO and Dr Isabel Abrantes, Department of Zoology, for her kind support to the project.

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