

MISCELLANEOUS PAPERS

Centre for Entomological Studies Ankara

No 62

15 02 2000

ISSN 1015-8235

Additions to the local faunas of the diurnal Lepidoptera in the Province of Ankara (North Turkey)

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Abstract: Additions to the local faunas of the diurnal Lepidoptera in the Province of Ankara (North Turkey).- *Cent. ent. Stud., Misc. Pap.* 62: 1-7. This paper deals with the faunal information on the diurnal Lepidoptera of Ankara Province. The materials were collected during field works in the districts Ayaş, Yenimahalle, and Gölbaşı. Totally 112 species are listed with their collecting data. *Pontia callidice* Hbn. is new to the fauna of Ankara.

Key words: *Lepidoptera*, diurnal, butterfly, moth, Ankara Province, Turkey, fauna.

In this paper, diurnal moths and the butterflies, which were collected by various authors during the field works in the districts Ayaş, Yenimahalle, and Gölbaşı in the Province of Ankara. Collecting data of 112 species of *Lepidoptera*, belonging to 17 families are listed. Among them, *Pontia callidice* Hbn. is new for the Fauna of Ankara. The material is preserved in the collection of Cesa.

Tineidae

Rhodobates laevigatellus (Herrich-Schäffer,[1854])

Material studied: 2♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 1♂ *ibid.*, 15 05 1999, A.K. & M.K. leg. 2♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♂ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

Tortricidae

Phtheochroa duponchelana (Duponchel,1842)

Material studied: 1♀ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg.

Zygaenidae

Zygaena loti ([Denis & Schiffermüller],1775) Material studied: 1♀ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

Pterophoridae

Pterophorid. Material studied: 1 ex. Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

Pyralidae

Eurrhypis pollinalis ([Denis & Schiffermüller],1775) Material studied: 1♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg.

Titanio normalis ancyrensis (Hofmann,[1898]) Material studied: 1♀ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg.

Pterothrixidia sp. Material studied: 1♂ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

Pyrausta aurata (Scopoli,1763)

Material studied: 1♂ Yenimahalle: Karyağdı Mt., Memlik, 1250m 24 04 1999, A.K. leg.

Trepteryx pertusalis (Geyer,[1832])

Material studied: 1♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 5♂♀ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 2♂ Yenimahalle: Karyağdı Dağı, Lezgi, 1200m. 19 05 1999, A.K. & M.K. leg. 6♂ *ibid.*, 22 05 1999, A.K. & M.K. leg.

Papilionidae

Archon apollinus amasinus (Staudinger,1901)

Material studied: 2♂ Altındağ: Çubuk Barajı-I, 0900m 15 04 1969, A.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1200m 11 04 1969, A.K. leg. 1♀ Yenimahalle: Karyağdı Mt., Lezgi, 1100m 01 05 1999, A.K. & M.K. leg. 1♂ *ibid.*, Memlik, 1300m 01 05 1999, A.K. & M.K. leg.

Iphiclides podalirius podalirius (Linnaeus,1758)

Material studied: 1♀ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1200m 15 06 1967, A.K. leg. in obs. Yenimahalle: Karyağdı Mt., Lezgi, 1100m 01 05 1999, A.K. & M.K. leg. in obs. Yenimahalle: Karyağdı Mt., Memlik, 1300m 01 05 1999, A.K. & M.K. leg. (a male observed) Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Papilio (s.str.) machaon syriacus Pfeiffer,1931

Material studied: 1♂ Yenimahalle: Karyağdı Mt., Memlik, 1250m 24 04 1999, A.K. leg. in obs. *ibid.*, 1300m 01 05 1999, A.K. & M.K. leg. (a male observed) *ibid.*, Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Zerynthia (Allancastris) deyrollei deyrollei (Oberthür,1869)

Material studied: 1♂ Altındağ: Çubuk Barajı-I, 0900m 07 05 1969, A.K. leg. 1♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 20♂ 3♀ Yenimahalle: Karyağdı Dağı, Lezgi, 1350m. 23 05 1999, A.K. & M.K. leg. 25♂♀ *ibid.*, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. 1♂ *ibid.*, Lezgi, 1100m 01 05 1999, A.K. & M.K. leg. 4♂ *ibid.*, Memlik, 1300m 01 05 1999, A.K. & M.K. leg. 1♂ *ibid.*, Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Pieridae

Aporia (s.str.) crataegi crataegi (Linnaeus,1758)

Material studied: Altındağ: Çubuk Barajı-I, 0900m 07 06 1969, A.K. leg. 12♂ Gölbaşı: Kepekli Pass, 1200m 07 06 1969, A.K. leg.

Leptidea duponcheli lorkovici Pfeiffer,1932

Material studied: 3♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 1♂ *ibid.*, 15 05 1999, A.K. & M.K. leg. 10♂♀ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 2♂ 2♀ Gölbaşı: Kepekli Pass, 1200m 30 04 1970, A.K. leg. 8♂♀ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. 2♂ *ibid.*, Lezgi, 1100m 01 05 1999, A.K. & M.K. leg. 4♂ *ibid.*, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Pieris (s.str.) brassicae brassicae (Linnaeus,1758)

Material studied: 1♂ 2♀ Gölbaşı: Kepekli Pass, 1200m 20 06 1967, A.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1200m 15 05 1969, A.K. leg.

Pieris (Artogeia) ergane detersa Verity,[1908]

Material studied: 4♂♀ Yenimahalle: Karyağdı Mt., Lezgi, 1100m 01 05 1999, A.K. & M.K. leg. 2♀ *ibid.*, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Pieris (Artogeia) pseudorapae suffusa Sheljuzhko,1931

Material studied: 1♂ Altındağ: Çubuk Barajı-I, 0900m 04 04 1970, A.K. leg. 2♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 1♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♂ Yenimahalle: Karyağdı Mt., Lezgi, 1100m 01 05 1999, A.K. & M.K. leg.

Pieris (Artogeia) rapae (Linnaeus,1758)

Material studied: 1♀ Altındağ: Çubuk Barajı-I, 0900m 10 03 1971, A.K. leg. 2♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 2♂ Gölbaşı: Kepekli Pass, 1200m 14 09 1968, A.K. leg. 1♂ *ibid.*, 22 04 1969, A.K. leg. 1♂ 1♀ *ibid.*, 21 09 1969, A.K. leg. 1♂ *ibid.*, 29 04 1970, A.K. leg. 1♂ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

Pontia edusa edusa (Fabricius,1777)

Material studied: 1♂ Gölbaşı: Kepekli Pass, 1200m 10 10 1968, A.K. leg. 1♂ *ibid.*, 14 09 1968, A.K. leg. 2♂ *ibid.*, 22 04 1969, A.K. leg. 1♀ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. 2♂ *ibid.*, 1250m 24 04 1999, A.K. leg.

Pontia callidice chrysidice Herrich-Schäffer,[1844]

Material studied: 1♀ Ayaş: Ayaş, 1000m. 13 06 1987, Hikmet Çulhaoğlu leg. Bu tür kaydı Ankara faunası için yenidir.

Euchloe (s.str.) ausonia taurica Röber,[1907]

Material studied: 1♂ Altındağ: Çubuk Barajı-I, 0900m 04 04 1970, A.K. leg. 1♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 4♂ Gölbaşı: Kepekli Pass, 1200m 11 04 1970, A.K. leg. 1♂ Yenimahalle: Karyağdı Dağı, Lezgi, 1350m. 23 05 1999, A.K. & M.K. leg. 1♂ *ibid.*, 1100m 01 05 1999, A.K. & M.K. leg. 1♂ *ibid.*, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Anthocharis cardamines cardamines (Linnaeus,1758)

Material studied: 1♂ Altındağ: Çubuk Barajı-I, 0900m 17 05 1969, A.K. leg. 1♂ *ibid.*, 04 04 1970, A.K. leg. 1♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♂ 2♀ Gölbaşı: Kepekli Pass, 1200m 11 05 1968, A.K. leg. 2♂ *ibid.*, 15 05 1969, A.K. leg. 2♂ *ibid.*, 29 04 1970, A.K. leg. 1♀ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. 4♂ 1♀ Yenimahalle: Karyağdı Mt., Lezgi, 1100m 01 05 1999, A.K. & M.K. leg. 4♂ *ibid.*, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Anthocharis gruneri gruneri Herrich-Schäffer,[1851]

Material studied: 4♂ 1♀ Altındağ: Çubuk Barajı-I, 0900m 04 04 1970, A.K. leg. 2♂ Gölbaşı: Kepekli Pass, 1200m 05 07 1969, A.K. leg. 13♂ 2♀ *ibid.*, 11 04 1970, A.K. leg. 6♂ 1♀ *ibid.*, 1200m 23 04 1970, A.K. leg. 1♂ *ibid.*, 1200m 29 04 1970, A.K. leg.

Zegris eupheme menestho (Ménétriés,1832)

Material studied: 1♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 1♂ Yenimahalle: Karyağdı Mt., Lezgi, 1100m 01 05 1999, A.K. & M.K. leg.

Coliadidae

Colias crocea crocea (Fourcroy,1785)

Material studied: 1♀ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 1♀ Yenimahalle: Karyağdı Dağı, Lezgi, 1350m. 23 05 1999, A.K. & M.K. leg. 3♂ *ibid.* Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. 1♂ 1♀ Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Colias sareptensis bergeri Reissinger,1989

Material studied: 9♂♀ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♂ 1♀ Gölbaşı: Kepekli Pass, 1200m 10 10 1968, A.K. leg. 3♂ *ibid.* 15 05 1969, A.K. leg. 1♂ *ibid.* 07 06 1969, A.K. leg. 1♂ *ibid.* 14 09 1969, A.K. leg. 1♂ Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Gonepteryx (s.str.) rhamni transiens Verity,1913

Material studied: 3♂ Altındağ: Çubuk barajı-I, 0900m 23 03 1968, A.K. leg. 1♂ *ibid.*, 28 03 1968, A.K. leg. 2♂ *ibid.*, 15 03

1970, A.K. leg. 2♂ *ibid.*, 20 03 1971, A.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1000m 23 04 1969, A.K. leg. 1♂ *ibid.*, 28 03 1970, A.K. leg.

Gonepteryx sp.

Material studied: in obs. Yenimahalle: Karyağdı Mt., Lezgi, 1100m 01 05 1999, A.K. & M.K. leg.

Lycaenidae

***Callophrys rubi rubi* (Linnaeus,1758)**

Material studied: 3♂♀ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 1♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1150m 23 04 1969, A.K. leg. 1♀ *ibid.*, 03 05 1969, A.K. leg. 1♂ *ibid.*, 07 05 1969, A.K. leg. 1♂ 1♀ *ibid.*, 29 04 1970, A.K. leg. 2♂♀ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. 3♂ *ibid.*, Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

***Lycaena (s.str.) phlaeas timeus* (Cramer,[1777])** Material studied: 1♀ Altındağ: Çubuk barajı-I, 0900m 03 05 1969, A.K. leg. 1♂ Gölbaşı: Kepekli Boğazı, 1100m 13 07 1970, A.K. leg. 2♂ Yenimahalle: Karyağdı Mt., Lezgi, 1100m 01 05 1999, A.K. & M.K. leg. 1♂ *ibid.*, Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

***Heodes (Alciphronia) alciphron melibaeus* (Staudinger,1878)**

Material studied: 1♀ Gölbaşı: Kepekli Pass, 1050m 11 06 1969, A.K. leg. 1♂ *ibid.*, 22 05 1970, A.K. leg. 2♂ *ibid.*, 23 05 1970, A.K. leg. 1♂ *ibid.*, 29 05 1970, A.K. leg. 1♂ *ibid.*, 02 06 1970, A.K. leg.

***Heodes (Loweia) tityrus tityrus* (Poda,1761)**

Material studied: 9♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 2♂ 1♀ Gölbaşı: Kepekli Pass, 1150m 11 05 1968, A.K. leg. 2♂ *ibid.*, 30 04 1970, A.K. leg. 2♀ *ibid.*, 22 05 1970, A.K. leg. 1♂ *ibid.*, 05 08 1970, A.K. leg. 1♂ Yenimahalle: Karyağdı Dağı, Lezgi, 1200m. 19 05 1999, A.K. & M.K. leg. 2♂ *ibid.*, Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

***Thersamonia (s.str.) kefersteinii kefersteinii* (Gerhard,[1850])**

Material studied: (a male observed) Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

***Thersamonia (s.str.) thersamon thersamon* (Esper,[1784])**

Material studied: 1♂ Gölbaşı: Kepekli Pass, 1100m 22 05 1970, A.K. leg. 1♂ 1♀ Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

***Tomares nogelii nogelii* (Freyer,[1851])**

Material studied: 3♂ Gölbaşı: Kepekli Pass, 1150m 11 05 1968, A.K. leg. 1♂ *ibid.*, 08 05 1969, A.K. leg. 1♂ *ibid.*, 30 04 1970, A.K. leg. 2♂ *ibid.*, 19 05 1970, A.K. leg. 2♂ *ibid.*, 23 05 1970, A.K. leg. 4♂ *ibid.*, 02 06 1970, A.K. leg. 1♂ *ibid.*, 05 06 1970, A.K. leg. 1♂ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. 1♂ *ibid.*,

Lezgi, 1100m 01 05 1999, A.K. & M.K. leg. 1♂ *ibid.*, Memlik, 1300m 01 05 1999, A.K. & M.K. leg.

***Tomares nesimachus* (Oberthür,1893)**

Material studied: 1♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg.

***Celastrina argiolus argiolus* (Linnaeus,1758)**

Material studied: 2♂ Altındağ: Çubuk Barajı-I, 0900m 04 04 1970, A.K. leg. 1♂ Yenimahalle: Karyağdı Mt., Lezgi, 1100m 01 05 1999, A.K. & M.K. leg.

***Lampides boeticus boeticus* (Linnaeus,1767)**

Material studied: 1♂ Gölbaşı: Kepekli Pass, 1150m 08 08 1970, A.K. leg.

***Cupido (s.str.) osiris majuspunctata* (Verity,1934)**

Material studied: 1♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 7♂♀ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 2♂ Yenimahalle: Karyağdı Dağı, Lezgi, 1350m. 23 05 1999, A.K. & M.K. leg. 8♂♀ *ibid.*, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

***Chilades (Freyeria) trochylus trochylus* (Freyer,[1843])**

Material studied: 2♂ Gölbaşı: Kepekli Pass, 1150m 14 09 1968, A.K. leg. 1♂ *ibid.*, 13 07 1970, A.K. leg. 2♂ 2♀ *ibid.*, 05 08 1970, A.K. leg.

***Glaucoopsyche (s.str.) alexis alexis* (Poda,1761)**

Material studied: 3♂♀ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 12♂♀ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 2♂ 1♀ Gölbaşı: Kepekli Pass, 1200m 19 05 1970, A.K. leg. 1♀ *ibid.*, 20 06 1970, A.K. leg. 1♂ Yenimahalle: Karyağdı Dağı, Lezgi, 1200m. 19 05 1999, A.K. & M.K. leg. 4♂♀ *ibid.*, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. 4♂ *ibid.*, Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

***Pseudophilotes vicrama schiffermuelleri* (Hemming,1929)**

Material studied: 1♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 1♂ *ibid.*, 15 05 1999, A.K. & M.K. leg. 8♂♀ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 2♀ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. 4♂♀ *ibid.*, Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

***Plebejus (Kretania) carmon carmon* (Gerhard,[1851])**

Material studied: 5♂♀ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg.

***Plebejus (Plebejides) sephirus sephirus* (Frivaldszky,1835)**

Material studied: 3♂♀ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

***Plebejus (s.str.) argus aegidion* (Meisner,1818)**

Material studied: 1♀ Yenimahalle: Karyağdı Dağı, Lezgi, 1200m. 19 05 1999, A.K. & M.K. leg. 1♂ *ibid.*, 1350m. 23 05 1999, A.K. & M.K. leg. 1♂ *ibid.*, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

***Polyommatus (s.str. (Cyaniris)) bellis bellis* (Freyer,[1842])**

Material studied: 1♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg.

***Polyommatus (Aricia (Ultraaricia)) anteros anteros* (Freyer,[1838])**

Material studied: 1♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg.

***Polyommatus (Aricia (s.str.)) agestis agestis* ([Denis & Schiffermüller],1775)**

Material studied: 2♂♀ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 6♂♀ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1100m. 15 05 1969, A.K. leg. 2♂ *ibid.*, 18 05 1969, A.K. leg. 1♂ *ibid.*, 26 08 1969, A.K. leg. 1♂ *ibid.*, 22 05 1970, A.K. leg. 3♂ *ibid.*, 05 08 1970, A.K. leg. 1♂ *ibid.*, Memlik, 1300m 01 05 1999, A.K. & M.K. leg. 1♂ 1♀ *ibid.*, Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

***Polyommatus (s.str. (Lysandra)) bellargus bellargus* (Rottemburg, 1775)**

Material studied: 3♂♀ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 21♂♀ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♀ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

***Polyommatus (s.str. (Lysandra)) ossmar ossmar* (Gerhard, [1851])**

Material studied: 1♂ Gölbaşı: Kepekli Pass, 1300m. 26 08 1969, A.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1300m. 17 07 1970, A.K. leg. 2♂ *ibid.*, 05 08 1970, A.K. leg.

***Polyommatus (s.str. (Meleageria)) daphnis versicolor* (Heyne,[1895])**

Material studied: 1♂ Gölbaşı: Kepekli Pass, 1100m. 23 06 1968, A.K. leg. 1♀ *ibid.*, 29 06 1968, A.K. leg. 1♂ *ibid.*, 13 07 1970, A.K. leg.

***Polyommatus (s.str. (Plebicula)) amandus amandus* (Schneider,1792)**

Material studied: 1♀ Yenimahalle: Karyağdı Dağı, Lezgi, 1350m. 23 05 1999, A.K. & M.K. leg.

***Polyommatus (s.str. (Sublysandria)) cornelius cornelius* (Freyer, [1850])**

Material studied: 1♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 1♂ *ibid.*, 15 05 1999, A.K. & M.K. leg. 3♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 7♂♀ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. 1♀ *ibid.*, Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

***Polyommatus (s.str. (Thersitesia)) thersites thersites* (Canterer,[1835])**

Material studied: 1♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 4♂♀ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

Polyommatus (s.str.) icarus (Rottemburg,1775)

Material studied: 1♀ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 5♂♀ *ibid.*, 15 05 1999, A.K. & M.K. leg. 19♂♀ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1100m. 10 09 1968, A.K. leg. 1♂ 2♀ *ibid.*, 26 08 1969, A.K. leg. 1♀ *ibid.*, 21 09 1969, A.K. leg. 1♂ *ibid.*, 22 05 1970, A.K. leg. 2♂ *ibid.*, 29 05 1970, A.K. leg. 3♂ Yenimahalle: Karyağdı Dağı, Lezgi, 1200m. 19 05 1999, A.K. & M.K. leg. 20♂♀ *ibid.*, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. 2♂ *ibid.*, Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Argynnidae***Cynthia cardui cardui* (Linnaeus,1758)**

Material studied: 1♂ Yenimahalle: Karyağdı Dağı, Lezgi, 1350m. 23 05 1999, A.K. & M.K. leg.

***Vanessa atalanta atalanta* (Linnaeus,1758)**

Material studied: in obs. Yenimahalle: Karyağdı Mt., Lezgi, 1100m 01 05 1999, A.K. & M.K. leg.

***Limenitis reducta herculeana* Stichel,[1908]**

Material studied: 1♀ Gölbaşı: Kepekli Pass, 1100m. 08 06 1969, A.K. leg. 1♂ *ibid.*, 23 05 1970, A.K. leg. 1♂ *ibid.*, 17 06 1970, A.K. leg. 1♂ 1♀ *ibid.*, 19 06 1970, A.K. leg. 1♀ *ibid.*, 08 08 1970, A.K. leg.

***Nymphalis antiopa antiopa* (Linnaeus,1758)**

Material studied: 1♂ Altındağ: Çubuk Barajı-I, 0900m. 15 03 1970, A.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1100m. 11 04 1970, A.K. leg. 1♂ Yenimahalle: Karyağdı Mt., Memlik, 1250m 24 04 1999, A.K. leg.

***Nymphalis polychloros polychloros* (Linnaeus,1758)**

Material studied: 3♂ 2♀ Altındağ: Çubuk Barajı-I, 0900m. 23 03 1968, A.K. leg. 2♂ *ibid.*, 15 03 1970, A.K. leg. 1♀ *ibid.*, 23 03 1970, A.K. leg. 3♂ *ibid.* 10 03 1971, A.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1100m. 23 06 1968, A.K. leg. 2♂ *ibid.* 23 03 1970, A.K. leg. 1♂ 1♀ *ibid.* 28 03 1970, A.K. leg.

***Argynnis (Pandoriana) pandora pandora* ([Denis & Schiffermüller],1775)**

Material studied: (male obs.) Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

***Argynnis (Fabriciana) niobe orientalis* Alpheraky, 1881**

Material studied: 1♀ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1100m. 18 06 1970, A.K. leg. 2♀ *ibid.*, 20 06 1970, A.K. leg. 1♀ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

***Issoria lathonia lathonia* (Linnaeus,1758)**

Material studied: 2♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 2♂ *ibid.*, 15 05 1999, A.K. & M.K. leg. 2♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 8♂ Gölbaşı: Kepekli Pass, 1100m. 23 04 1969, A.K. leg. 1♂ Yenimahalle: Karyağdı Dağı, Lezgi, 1350m. 23 05 1999, A.K. & M.K. leg. 2♂ *ibid.*, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. - in obs. *ibid.*, 1250m 24 04 1999, A.K. leg. 2♂ Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Melitaea cinxia clarissa Staudinger,1901

Material studied: 3♂♀ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 5♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♀ Gölbaşı: Kepekli Pass, 1100m. 24 06 1967, A.K. leg. 1♀ *ibid.*, 11 05 1968, A.K. leg. 1♂ 1♀ *ibid.*, 07 06 1969, A.K. leg. 5♂ 2♀ *ibid.*, 23 05 1970, A.K. leg. 2♂ Yenimahalle: Karyağdı Dağı, Lezgi, 1200m. 19 05 1999, A.K. & M.K. leg. 1♂ *ibid.*, 1350m. 23 05 1999, A.K. & M.K. leg. 4♂♀ *ibid.*, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

Melitaea didyma didyma (Esper,[1779])

Material studied: 1♀ Gölbaşı: Kepekli Pass, 1100m. 29 06 1968, A.K. leg. 1♂ *ibid.*, 08 08 1970, A.K. leg. 1♂ Yenimahalle: Karyağdı Dağı, Lezgi, 1350m. 23 05 1999, A.K. & M.K. leg. 1♀ *ibid.*, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

Melitaea fascelis fascelis (Fabricius,1787)

Material studied: 1♀ Gölbaşı: Kepekli Pass, 1100m. 23 05 1970, A.K. leg.

Melitaea (phoebe) punica telona Fruhstorfer,1908

Material studied: 3♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♂ Ayaş: Ayaş beli, 1200m. 01 08 1969, A.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1150m. 19 05 1970, A.K. leg. 2♂ 2♀ *ibid.*, 22 05 1970, A.K. leg. 3♂ 1♀ *ibid.*, 08 08 1970, A.K. leg.

Euphydryas (Eurodryas) orientalis orientalis (Herrich-Schäffer,[1845])

Material studied: 1♀ Gölbaşı: Kepekli Pass, 1200m. 07 06 1969, A.K. leg. 7♂ 5♀ *ibid.*, 23 05 1970, A.K. leg. 3♂ 1♀ *ibid.*, 23 05 1970, A.K. leg. 1♀ *ibid.*, 02 06 1970, A.K. leg.

Libytheidae**Libythea celtis celtis (Laicharting,1782)**

Material studied: 1♂ Altındağ: Çubuk Barajı-I, 0900m. 28 03 1970, A.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1100m. 23 06 1968, A.K. leg. 1♂ *ibid.*, 25 03 1970, A.K. leg.

Satyridae**Melanargia larissa noacki Wagener,1983**

Material studied: 1♀ Ayaş: Ayaş beli, 1195m. 01 08 1969, A.K. leg. 6♂ Gölbaşı: Kepekli Pass, 1100m. 20 06 1970, A.K. leg.

Hipparchia (Neohipparchia) statilinus minutula (Verity,1938)

Material studied: 1♂ 2♀ Gölbaşı: Kepekli Pass, 1100m. 14 09 1968, A.K. leg.

Satyrus amasinus amasinus Staudinger,1861

Material studied: 4♂ 1♀ Gölbaşı: Kepekli Pass, 1100m. 24 06 1967, A.K. leg. 1♀ *ibid.*, 17 06 1968, A.K. leg.

Chazara (s.str.) briseis pirata (Esper,1789)

Material studied: 4♂ 2♀ Gölbaşı: Kepekli Pass, 1100m. 08 08 1970, A.K. leg.

Hyponephele lupina intermedia (Staudinger,1886)

Material studied: 1♀ Gölbaşı: Kepekli Pass, 1100m. 20 06 1970, A.K. leg. 1♂ *ibid.*, 13 07 1970, A.K. leg.

Maniola jurtina phormia (Fruhstorfer,1909)

Material studied: 1♂ Altındağ: Çubuk barajı-I, 0900m. 07 06 1969, A.K. leg.

Coenonympha pamphilus pamphilus (Linnaeus,1758)

Material studied: 3♂♀ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 3♂ *ibid.*, 15 05 1999, A.K. & M.K. leg. 40♂♀ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♀ Gölbaşı: Kepekli Pass, 1100m. 10 10 1968, A.K. leg. 2♂ Yenimahalle: Karyağdı Dağı, Lezgi, 1200m. 19 05 1999, A.K. & M.K. leg. 2♂♀ *ibid.*, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. 6♂ *ibid.*, Lezgi, 1100m 01 05 1999, A.K. & M.K. leg. 2♂ *ibid.*, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Lasiommata maera orientalis (Heyne,[1894])

Material studied: 1♂ Ayaş: Ayaş, 1000m. 24 05 1967 A.K. leg.

Lasiommata megera transcaspica (Staudinger,1901)

Material studied: 2♂ Ayaş: Ayaş, 1000m. 27 05 1967, A.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1100m. 19 05 1970, A.K. leg. 2♂♀ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

Hesperiidae**Carcharodus (s.str.) alceae alceae (Esper,[1780])**

Material studied: 1♂ Gölbaşı: Kepekli Pass, 1100m. 10 10 1968, A.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1100m. 21 09 1969, A.K. leg. 1♂ Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Carcharodus (Reverdinus) orientalis orientalis Reverdin,1913

Material studied: 2♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 2♂ Gölbaşı: Kepekli Pass, 1100m. 22 05 1970, A.K. leg. 1♂ *ibid.*, 05 06 1970, A.K. leg. 1♂ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. 1♂ *ibid.*, Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Erynnis marloyi marloyi (Boisduval,[1834])

Material studied: 1♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 1♂ Gölbaşı: Fen Lisesi, 1000m. 27 04 1968, A.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1150m. 27 04 1968, A.K. leg. 1♂ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

Erynnis tages unicolor (Freyer,[1848])

Material studied: 1♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1100m. 19 05 1969, A.K. leg. 1♂ *ibid.*, 1200m. 11 05 1968, A.K. leg. 1♂ *ibid.*, 15 05 1969, A.K. leg. 1♂ *ibid.*, 1200m. 07 08 1970, A.K. leg. 1♂ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. 2♂ *ibid.*, Lezgi, 1100m 01 05 1999, A.K. & M.K. leg. 7♂ *ibid.*, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Muschampia proteides proteides (Wagner,1929) Material studied: 1♂ Gölbaşı: Kepekli Pass, 1100m. 14 09 1968, A.K. leg. 2♂ *ibid.*, 19 09 1969, A.K. leg. 3♂ *ibid.*, 21 09 1969, A.K. leg. 1♂ *ibid.*, 05 08 1970, A.K. leg. 1♂ *ibid.*, 05 08 1970, A.K. leg.

Pyrgus melotis ponticus (Reverdin,1914)

Material studied: 2♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 2♂ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. 2♂ *ibid.*, Lezgi, 1100m 01 05 1999, A.K. & M.K. leg. 1♂ *ibid.*, Memlik, 1250m 24 04 1999, A.K. leg. 8♂ *ibid.*, Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Pyrgus serratulae major (Staudinger,1878)

Material studied: 3♂ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

Pyrgus sidae sidae (Esper,[1784])

Material studied: (in obs. VC) Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg.

Spialia (Neospialia) orbifer hilaris (Staudinger,1901)

Material studied: 1♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 2♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1150m. 11 05 1968, A.K. leg. 1♂ *ibid.*, 18 05 1969, A.K. leg. 2♂ *ibid.*, 28 05 1969, A.K. leg. 1♂ *ibid.*, 05 09 1969, A.K. leg. 2♂ *ibid.*, 19 05 1970, A.K. leg. 4♂ *ibid.*, 22 05 1970, A.K. leg. 2♂ Yenimahalle: Karyağdı Dağı, Lezgi, 1200m. 19 05 1999, A.K. & M.K. leg. 10♂ *ibid.*, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. 1♂ *ibid.*, Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Thymelicus sylvestris syriacus (Tutt,[1905])

Material studied: 1♂ Altındağ: Çubuk barajı-I, 0850m. 07 06 1969, A.K. leg. 1♂ Gölbaşı: Kepekli Pass, 1150m. 29 05 1970, A.K. leg. 1♀ *ibid.*, 05 08 1970, A.K. leg.

Geometridae

Pydna badiaria (Freyer,[1841])

Material studied: 6♂ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

Rhodostrophia auctata (Staudinger,1879)

Material studied: 1♂ Yenimahalle: Karyağdı Dağı, Lezgi, 1350m. 23 05 1999, A.K. & M.K. leg. 3♂ *ibid.*, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

Idea aureolaria ([Denis & Schiffermüller],1775)

Material studied: 1♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 4♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg.

Lythria cruentaria (Hufnagel,1767) (=rotaria Fabricius,1798)

Material studied: 1♂ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

Scopula sp. Material studied: 1♂ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

Scotopteryx sp. Material studied: 1♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg.

Scotopteryx vicinaria (Duponchel,1830)

Material studied: 1♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg.

Scotopteryx coarctaria ([Denis & Schiffermüller],1775)

Material studied: 1♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg.

Cataclysmes riguata (Hübner,[1813])

Material studied: 1♀ Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Semiothisa clathrata (Linnaeus,1758)

Material studied: 1♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♂ Yenimahalle: Karyağdı Dağı, Lezgi, 1350m. 23 05 1999, A.K. & M.K. leg. 1♀ *ibid.*, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Semiothisa glarearia (Brahm,1791)

Material studied: 1♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg.

Tephrina hopfferaria (Staudinger,1879)

Material studied: 1♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 1♂ Yenimahalle: Karyağdı Dağı, Lezgi, 1200m. 19 05 1999, A.K. & M.K. leg. 1♀ *ibid.*, 1350m. 23 05 1999, A.K. & M.K. leg. 5♂ *ibid.*, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

Enanthyperythra legataria (Herrich-Schäffer,[1852])

Material studied: 1♂ Yenimahalle: Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

Ctenuchidae

Amata rossica (Turati,1917)

Material studied: 1♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 5♂ 1♀ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

Arctiidae

Epicallia villica (Linnaeus,1758)

Material studied: 1♂ Gölbaşı: Kepekli, 1200m. 23 05 1970, A.K. leg.

Eucharia festiva (Hufnagel,1767)

Material studied: 2♂ 3♀ Gölbaşı: Çaldağı, 1000m. 10-20,5,79, A.K. leg.

Phragmatobia fuliginosa (Linnaeus,1758)

Material studied: 1♂ Gölbaşı: Kepekli, 1100m. 20 04 1970, A.K. leg.

Tyria jacobaeae (Linnaeus,1758)

Material studied: 9♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♂ Gölbaşı: Kepekli, 1100m. 11-18 05 1968, A.K. leg.

Noctuidae

***Acronicta (Viminia) orientalis* Mann, 1862**

Material studied: 1♀ Yenimahalle: Karyağdı Mt., Memlik, 1250m 24 04 1999, A.K. leg.

***Euclidia glyphica* (Linnaeus, 1758)**

Material studied: 1♂ Ayaş: Atderesi, 1100m. 15 05 1999, A.K. & M.K. leg. 1♂ Yenimahalle: Karyağdı Dağı, Lezgi, 1200m. 19 05 1999, A.K. & M.K. leg. 3♂♀ *ibid.*, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg. 4♂♀ *ibid.*, Lezgi, 1150-1200m 08 05 1999, A.K. & M.K. leg.

***Gonospileia triquetra* ([Denis & Schiffermüller], 1775)**

Material studied: 1♂ Yenimahalle: Karyağdı Mt., Memlik, 1300m 01 05 1999, A.K. & M.K. leg.

***Antarchaea numisma* (Hübner, [1803])**

Material studied: 1♂ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999; 1♂ *ibid.*, Karyağdı Dağı, Lezgi, 1200m. 19 05 1999, A.K. & M.K. leg.

***Tyta luctuosa* ([Denis & Schiffermüller], 1775)**

Material studied: 1♂ Ayaş: Akyatak, 1200m. 15 05 1999, A.K. & M.K. leg. 1♂ Yenimahalle: Karyağdı Dağı, Memlik, 1200m. 22 05 1999, A.K. & M.K. leg.

A replacement name in the section *Agrodiaetus* Hbn. of the genus *Polyommatus* Latreille (*Lycaenidae*, *Lepidoptera*)¹

Ahmet Ö. Koçak Muhabbet Kemal

Abstract: A replacement name in the section *Agrodiaetus* Hbn. of the genus *Polyommatus* Latreille (*Lycaenidae*, *Lepidoptera*)- *Centr. ent. Stud., Misc. Pap.* 62: 7-8. - This paper deals with a replacement name *Polyommatus* (s.str. *Agrodiaetus*) *phyllis* ssp. *wolfgangeckweiler* (nomen novum) pro *sheljuzhkoii* Forster, 1960 nec Obraztsov, 1935. The subspecies is found in Armenia.

Key words: *Polyommatus Agrodiaetus sheljuzhkoii*, *wolfgangeckweiler Lycaenidae*, *Lepidoptera*, Armenia, new name, nomenclature.

Aricia R.L., 1817, *Pseudaricia* Beuret, 1958, *Ultraaricia* Beuret, 1958, *Cyaniris* Dalman, 1816 and *Polyommatus* Latreille, 1804 are considered by several authors to be con-generic in their recent publications (Lukhtanov & Lukhtanov, 1994; Schurian & Reif, 1992; Schurian & Rose, 1991; Schurian, 1995; Siepe, 1995; Ten Hagen & Schurian, 1998; Ten Hagen, 1998, *et alia*). The authors of this article support this approach and classified the relevant taxa within the genus *Polyommatus* Latr. under a number of subgenera and sections in accordance with the Articles of ICZN. Under these circumstances, the name currently used as *sheljuzhkoii* Forster, 1960 of a subspecific taxon in *Polyommatus (Agrodiaetus) phyllis* (Christoph, 1876) (Armenia: Mt. Daralagez, pg. Azizbekov (Pashalu), 1650m), is invalid as it is junior secondary homonym of the the name *sheljuzhkoii* Obraztsov, 1935, which is currently used as a valid name in the species *Polyommatus (Aricia) artaxerxes* (Fabricius). A proposal of a new name and the case in the recent publications are given below:

***Polyommatus* (s.str. *Agrodiaetus*) *phyllis* ssp. *wolfgangeckweiler* (nomen novum)**

Polyommatus (s.str. *Agrodiaetus*) *phyllis* ssp. *wolfgangeckweiler* is proposed here as a nomen novum pro *Agrodiaetus phyllis* ssp. *sheljuzhkoii* (Forster, 1960, *Z. Wien. ent. Ges.* 45: 132-133) is junior secondary homonym of *Lycaena allous* ssp. *sheljuzhkoii* (Obraztsov, 1935, *Folia zool. hydrobiol.* 8: 148). Both taxa are currently placed in the same genus *Polyommatus* Latr. (see above).

Eckweiler considered *sheljuzhkoii* Forster, 1960 to be valid name in *Polyommatus* Latr. (Eckweiler, 1997).

The name is dedicated to our colleague, Dr. W. Eckweiler, who has valuable publications on the taxonomy of the asiatic species of *Agrodiaetus* Hbn.

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