

Catalogue of the butterflies of the Greek islands in the collection of the Instituut voor Taxonomische Zoölogie (Zoölogisch Museum) Amsterdam (Lepidoptera : Hesperioidea & Papilionoidea)

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Samenvatting. Katalogus van de dagvlinders van de Griekse eilanden in de kollektie van het Instituut voor Taxonomische Zoölogie (Zoölogisch Museum) Amsterdam (Lepidoptera : Hesperioidea & Papilionoidea).

De kollektie van het ITZ omvat een grote hoeveelheid dagvlindermateriaal afkomstig van de Griekse eilanden, verzameld door diverse entomologen. Omwille van de vele faunistische en fenologische gegevens die zo worden bekend gemaakt, werd deze kompilatie samengesteld. Vele eilanden worden zo behandeld voor een periode van maart tot december.

Résumé. Catalogue des papillons diurnes des îles grécques se trouvant dans la collection de l'Instituut voor Taxonomische Zoölogie (Zoölogisch Museum) Amsterdam. (Lepidoptera : Hesperioidea & Papilionoidea).

La collection de l'ITZ comprend un grand nombre de papillons diurnes provenant des îles grécques, collectionnés par divers entomologistes. Cette compilation a comme but de faire connaître ainsi de nombreuses données faunistiques et phénologiques. Nombre d'îles sont ainsi traitées, et ce pour une période allant du mois de mars jusqu'au mois de décembre.

Keywords. Lepidoptera - Hesperioidea - Papilionoidea - Greek islands - ITZ - catalogue - faunistics - phenology.

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Introduction

The collection of the Instituut voor Taxonomische Zoölogie (Zoölogisch Museum) Amsterdam (ITZ) is very rich in butterfly material from the Greek islands. Most of this material was collected by various entomologists, lepidopterists as well as people interested in other groups who collected butterflies on their trips and donated their material to the huge ITZ collection.

When reviewing this collection, I soon became convinced that all these data should be published as they give us a considerable amount of information on the faunistics and phenology of many of the butterfly species occurring on these islands. For this reason a complete catalogue of the butterflies from the Greek islands deposited in the ITZ collection is given here. The data are covering many Aegean and Ionian islands, from the months of March till December. First ever published records for any island are indicated by an asterisk (*). Most of the material was collected by 13 different persons (or couples) who are listed here with the abbreviation used in the systematic part :

B. VAN AARTSEN & J.B. WOLSCHRIJN	: A & W
W. CHRISPIJN	: C
S. DAAN & V. VAN LAAR	: D & L
J.P. DUFFELS	: Du

A.C. & W.N. ELLIS	: E
M.C. & G. KRUSEMAN	: K
B.J. LEMPKE	: Lpk
J. MOONEN	: M
A. OLIVIER	: O
D. VAN DER POORTEN	: P
A. RIEMIS	: R
H. VAN ROSSUM	: Ro
G.F. WILMINK	: W

The inventarisation was completed on 21.III.1987.

In a few cases the nomenclature used here differs from that used in previous papers (OLIVIER, 1986, 1987; OLIVIER & RIEMIS, 1987). A «larger» genus concept is presented here, e.g. : *Lycaena thersamon* (ESPER, 1784) instead of *Thersamonia thersamon* (ESPER, 1784), *Vanessa cardui* (LINNAEUS, 1758) instead of *Cynthia cardui* (LINNAEUS, 1758).

The use of a trinominal nomenclature is avoided here. Two taxa listed as subspecies in the current literature are given species rank : *Zerynthia cretica* (REBEL, 1904) and *Hipparchia senthes* (FRUHSTORFER, 1908), in accordance to the principles discussed by KUDRNA (1986 : 129-141). Although the concept of morphospecies is typological, it is followed in these two cases for practical reasons, both taxa being well differentiated.

In other cases a more «conservative» view is followed, in order to avoid any possible confusion and until more information is available (e.g. *Plebejus loewii* (ZELLER, 1847) : the species name is provisionally not transferred to the genus *Vacciniina*, etc.).

Nomenclatorial problems around *Euchloe simplonia* (FREYER, 1829) are still unresolved at the moment. I provisionally still follow HIGGINS & RILEY (1984) in using this name although according to LORKOVIĆ (1986) and Dr S. WAGENER (pers. comm.) the name *Euchloe ausonia* (HÜBNER, [1804]) should again be applied.

Concluding remarks, acknowledgments and a bibliography will be presented at the end of this paper.

Systematic part

HESPERIIDAE

Thymelicus sylvestris (PODA, 1761)

- Kálimnos : Kálimnos, 30.V.1979, 1 ♂ (very worn) (C)
 Sámos : Ágia-Zóni, 23.V.1983, 1 ♂, 1 ♀ (very fresh) (Lpk)
 Vathí, 16.V.1963, 1 ♂, 1 ♀ (very fresh) (D & L)
 Mitilinií, 29.V.1983, 2 ♂ (very fresh) (Lpk)
 Paleókastro, 21.V.1983, 1 ♂ (very fresh) (Lpk)

Thymelicus acteon (ROTTEMBURG, 1775)

- Kríti : Anógia (Nom. Réthimnon), 10/15.VI.1972, 1 ♂ (K)
 Anógia, Ída (Nom. Réthimnon) (1370 m), 11.VI.1972, 2 ♀ (not so

fresh) (K)

Knossós (Nom. Iráklion), 17/21.V.1972, 2 ♀ (not so fresh) (K)

Amnissós (Nom. Iráklion), 20.V.1972, 3 ♂ (not so fresh) (K)

Festós (Nom. Iráklion), 23/26.V.1972, 4 ♂, 1 ♀ (not so fresh) (K)

Gra-Lígia (Nom. Lasíthion), 3.VI.1972, 1 ♂ (K)

Ródos : 1 km SW. of Theológos, 5.V.1981, 1 ♂ (not so fresh) (K)

Kremastí, 6.VI.1979, 1 ♂ (K)

Kós : Tigáki, 26.V.1979, 2 ♂ (C)

Gegenes pumilio (HOFFMANNSEGG, 1804)

Kríti : Kakodíki, N. of Paleohóra (Nom. Haniá) (300 m), 22.V.1982, 1 ♂ (fresh) (Du)

Iráklion, hill above Karnaróu (Nom. Iráklion), 27.IX.1973, 1 ♂ (worn) (K)

Mália (Nom. Iráklion) (10-50 m), 18.X.1980, 1 ♂, 1 ♀ (fresh) (M); 19.X.1980, 1 ♂ (worn), 2 ♀ (one very fresh, one worn) (M); 21.X.1980, 1 ♂ (fresh) (M); 23.X.1980, 1 ♂ (not so fresh) (M); Pishokéfalos (Nom. Lasíthion), 7.X.1973, 1 ♀ (fresh) (Du)

Ródos : Línos, 17.IV.1970, 1 ♀ (fresh) (E); 20.IV.1970, 2 ♂ (one fresh, one worn) (E)

Línos, Marmári, 8.IV.1970, 1 ♂ (fresh) (E)

Carcharodus alceae (ESPER, 1780)

Kríti : Réthimnon (Nom. Réthimnon), 16.III.1978, 1 ♂ (Du)

Amnissós (Nom. Iráklion), 29.IX.1973, 1 ♀ (K)

Thérisos, 3 km W. of Iráklion (Nom. Iráklion), 14.X.1972, 1 ♀ (E)

Arhánas, 14 km SSE. of Iráklion (Nom. Iráklion) (500-700 m), 19.X.1972, 1 ♂ (E)

Mália (Nom. Iráklion) (10-50 m), 9.VI.1972, 2 ♂ (K); 9.VII.1979, 1 ♂ («coll. HEITMANS»); 19.X.1980, 1 ♂ (M); 23.X.1980, 1 ♂ (M)

3 km W. of Ágia Varvára (Nom. Iráklion) (650-750 m), 21.X.1972, 1 ♂ (E)

Xerókampos (Nom. Lasíthion), 2.VI.1972, 1 ♂ (K)

Vái (Nom. Lasíthion), 3.X.1973, 1 ♂ (K)

* Míkonos

(Kikládés) : 3 km SE. of Linó, 13.IV.1974, 1 ♂ (E)

Ródos : Línos, 27.III.1970, 1 ♂ (E); 31.III.1970, 1 ♂ (E); 10.IV.1970, 2 ♂ (E); 15.IV.1970, 2 ♂, 1 ♀ (E); 16.IV.1970, 2 ♀ (E); 17.IV.1970, 2 ♂, 1 ♀ (E); 20.IV.1970, 2 ♂, 1 ♀ (E)

Línos (acropolis), 5.IV.1979, 1 ♀ (K)

Kálathos, 5 km N. of Línos, 19.IV.1970, 1 ♀ (E)

Lárdos, 4.IV.1970, 1 ♂ (E)

between Psínthos and Maritsá, 16.VI.1979, 1 ♂ («don. H. VAN OORSCHOT»)

Kós : above Ziá, 6.VII.1978, 1 ♀ (K)

Sámos : Pithagórion, 11/25.IX.1981, 1 ♂ (Th. VAN OORSCHOT)

Ágia-Zóni, 23.V.1983, 1 ♀ (Lpk)

* Lésvos : Mitilíni, 18.X.1973, 1 ♀ (E); 18.XI.1973, 1 ♂ (E)

2 km NE. of Loutrópolis Thermís, 21.X.1973, 1 ♂ (E)

Dípi, 8 km ENE. of Agiásos, 19.X.1973, 1 ♂, 1 ♀ (E)

***Spialia orbifer* (HÜBNER, [1823])**

- Sámos : Pírgos, 24.V.1963, 2 ♂ (very worn) (D & L)
Pithagórion, 11/25.IX.1981, 1 ♂ (not so fresh) (Th. VAN OORSCHOT)
Mitilinií, 29.V.1983, 1 ♂ (not so fresh) (Lpk)
Vathí, 16.V.1963, 1 ♀ (fresh) (D & L)

PAPILIONIDAE

***Archon apollinus* (HERBST, 1798)**

- Sámos : Vourliótes (300 m), 3.IV.1986, 1 ♂ (worn) (O)
* Híos : Avgónima (400 m), 30.III.1986, 5 ♂ (worn) (O)
Lésvos : Agiásos (400 m), 12.IV.1983, 1 ♂ (worn) (P); 18.IV.1983, 1 ♂ (worn) (P)

***Zerynthia cretica* (REBEL, 1904)**

- Kríti : Farángi Samariás (Nom. Haniá), 4.V.1973, 1 ♀ (fresh)
Farángi Ímbros, E. of Hóra Sfakiá (Nom. Haniá) (500-700 m),
9.V.1982, 1 ♀ (fresh) (Du)
Spiliá (Nom. Haniá), 5.IV.1904, 1 ♂ (fresh) («coll. DORFLER»)
Spiliá-Drakóna, 25 km W. of Haniá (Nom. Haniá), 18.V.1982, 1 ♂
(fresh) (Du)
«Asterousia Mts. near Loukia» (locality not traced on any available
map), 28.IV.1973, 1 ♂ (fresh) (W)
Drosiá, near Apladianá (Nom. Réthimnon), 8.V.1973, 1 ♂ (rather
fresh) (W)
Anógia-Goniés, SW. of Iráklion (Nom. Réthimnon) (500-600 m),
6.V.1982, 3 ♂ (fresh) (Du)

***Zerynthia cerisyi* (GODART, 1822)**

- Ródos : Líndos, 30.III.1929, 1 ♂ (fresh) («Coll. J.M.A. V. GROENENDAEL,
Acq. 1978»); 28.III.1970, 1 ♀ (fresh) (E); 30.III.1970, 1 ♂ (rather worn)
(E); 1.IV.1970, 2 ♂ (worn) (E); 10.IV.1970, 1 ♂ (fresh) (E); 15.IV.1970,
1 ♂ (fresh) (E); 16.IV.1970, 1 ♀ (very worn) (E); 20.IV.1970, 1 ♂ (not so
fresh), 1 ♂ (very worn) (E); 30.IV.1970, 1 ♀ (very worn) (E)
Líndos, Marmári, 8.IV.1970, 4 ♂ (worn) (E)
5 km SW. of Líndos, 29.III.1970, 1 ♂ (worn), 2 ♂ (fresh) (E)
Lárdos, 4.IV.1970, 1 ♂ (very worn) (E)
Kálathos, 5 km N. of Líndos, 2.IV.1970, 1 ♂ (fresh) (E)
2 km E. of Afándou, 4.IV.1986, 2 ♂ (very worn) (O)
Kós : 2 km N. of Asfendioú (100 m), 11.IV.1986, 1 ♂ (very worn) (O)
7 km W. of Kós, 11.IV.1986, 3 ♂ (very worn) (O)
Sámos : Pírgos, 24.V.1963, 2 ♂, 1 ♀ (very worn) (D & L)
Vourliótes (300 m), 1.IV.1986, 2 ♂ (very fresh) (O)
Kótsikas (100 m), 1.IV.1986, 3 ♂ (fresh) (O)
Vathí (100 m), 3.IV.1986, 3 ♂ (one not so fresh, two worn) (O)
Koumaradéii (500 m), 2.IV.1986, 2 ♂ (very fresh) (O)
* Híos : Kariés (300 m), 30.III.1986, 1 ♂ (fresh) (O)
Avgónima (400 m), 30.III.1986, 3 ♂ (fresh) (O)
Lésvos : Mitilini, 15.IV.1983, 2 ♂ (worn) (P)

***Papilio machaon* LINNAEUS, 1758**

- Kríti : Festós (Nom. Iráklion), 18.VI.1972, 1 ♂ (in rags) (K)
Ródos : Líndos, 20.IV.1970, 1 ♂ (fresh) (E)
Líndos, Marmári, 8.IV.1970, 1 ♀ (fresh) (E)

***Papilio alexanor* ESPER, 1799**

- Sámos : Pírgos, 24.V.1963, 2 ♂ (very worn) (D & L); 8.VI.1963, 1 ♀ (very worn) (D & L)
Pírgos (500 m), 18.V.1986, 2 ♂ (O); 20.V.1986, 4 ♂ (O); 22.V.1986, 1 ♂ (O); 24.V.1986, 3 ♂, 1 ♀ (O)
Pándrosson (700 m), 20.V.1986, 1 ♀ (O)
Specimens collected by OLIVIER mostly fresh, but some males already getting worn.

***Iphiclides podalirius* (LINNAEUS, 1758)**

- Kérkyra : Gouviá, 25/30.VII.1967, 1 ♂ (Ro)
Kríti : Anógia (Nom. Réthimnon), 10/15.VI.1972, 1 ♀ (very worn) (K)
* Dílos
(Kikládés) : Dílos, 22.VI.1963, 1 ♂ (very worn) (D & L)
Ródos : Líndos, 12.IV.1970, 1 ♀ (very worn) (E); 15.IV.1970, 1 ♀ (very worn) (E)
Láerma (200 m), 14.IV.1970, 1 ♂ (worn) (E)
Kálathos, 5 km N. of Líndos, 19.IV.1970, 1 ♂ (worn) (E)
Sámos : Pírgos, 24.V.1963, 1 ♂ (worn) (D & L); 29.V.1963, 3 ♂ (worn) (D & L); 31.V.1963, 1 ♀ (worn) (D & L)
Thássos : Panagía, 17.VII.1963, 1 ♂ (worn) (D & L)

PIERIDAE

***Leptidea sinapis* (LINNAEUS, 1758)**

- Kérkyra : Gouviá, 25/30.VII.1967, 7 ♂, 3 ♀ (all fresh) (Ro)
Dassiá, 5 km SE. of Korakiána, 16/30.V.1971, 1 ♂ (fresh) (A & W)
Kríti : Festós (Nom. Iráklion), 23/26.V.1972, 3 ♂, 1 ♀ (fresh) (K)
Festós, Mesarás plain (Nom. Iráklion), 24.V.1972, 3 ♂, 2 ♀ (fresh) (K)
All specimens belong to the summer brood.

***Colias crocea* (FOURCROY, 1785)**

- Kérkyra : Gouviá, 25/30.VII.1967, 1 ♂ (fresh) (Ro)
Kríti : Anógia (Nom. Réthimnon), 10/15.VI.1972, 3 ♂ (fresh), 2 ♀ (one fresh, one rather worn) (K)
Anógia, Ída (Nom. Réthimnon) (1370 m), 11.VI.1972, 1 ♀ (rather worn) (K)
Festós (Nom. Iráklion), 23/26.V.1972, 1 ♂ (fresh), 3 ♀ (one fresh, two rather worn) (K)
Festós, Mesarás plain (Nom. Iráklion), 24.V.1972, 1 ♀ (fresh) (K)
Amnissós (Nom. Iráklion), 20.V.1972, 1 ♂ (worn) (K)
Áno Viános - Néa Arví (Nom. Iráklion) (10 m), 14.IV.1980, 1 ♂ (fresh) (M)
Mália (Nom. Iráklion) (10-50 m), 18.V.1972, 1 ♂ (fresh) (K); 19.X.1980, 1 ♀ (fresh) (M); 20.X.1980, 1 ♂, 1 ♀ (worn) (M); 22.X.1980, 1 ♂ (fresh) (M)
«Lasithi Plateau» (Nom. Lasíthion), 14.IX.1975, 2 ♂ (fresh), 2 ♀ (one fresh, one worn) (? leg.)
Sitía (Nom. Lasíthion), 4.X.1973, 1 ♀ (fresh) (K)
* Míkonos
(Kikládés) : Míkonos, 1/8.X.1980, 1 ♂ (fresh) (P.J.H.V. BREC.)
Ródos : Líndos, 16.IV.1970, 1 ♂ (fresh) (E)

- Ágios Isídoros, 14.VI.1979, 1 ♂ (worn) (K)
 1 km SW. of Theológos, 5.V.1981, 1 ♀ (fresh) (K)
- Kós : Kardámena, 1/7.VII.1978, 1 ♀ (worn) (K)
 above Ziá, 6.VII.1978, 1 ♀ (worn) (K)
- Sámos : Pírgos, 8(?) .VI.1963, 1 ♀ (rather worn) (D & L)
- Lésvos : Vigla, 5 km WNW. of Ándissa, 5.XI.1973, 3 ♂ (worn) (E)
 Skála Eresoú, 4 km S. of Eresós, 29.X.1973, 1 ♀ (worn) (E)
 Mitilíni, 18.X.1973, 1 ♀ (worn) (E); 18.XI.1973, 1 ♀ (worn) (E)
- Thássos : Panagía, 17.VII.1963, 1 ♂ (fresh) (D & L)
- Gonepteryx cleopatra*** (LINNAEUS, 1767)
- Kríti : Anógia (Nom. Réthimnon), 10/15.VI.1972, 1 ♂ (fresh) (K)
 Anógia, Ída (Nom. Réthimnon) (1370 m), 11.VI.1972, 1 ♀ (worn) (K)
- Ródos : Línodos, 30.III.1970, 1 ♂ (worn) (E)
 Ágios Isídoros (800 m), 3/8.VI.1984, 1 ♂ (fresh) (P)
 Petalouúdes, 16.VI.1979, 4 ♂ (not so fresh) (K)
- * Lésvos : Dípi, 8 km ENE. of Agiásos, 19.X.1973, 1 ♂ (worn) (E)
- Gonepteryx farinosa*** (ZELLER, 1847)
- Ródos : Kálathos, 5 km N. of Línodos, 7.IV.1970, 1 ♂, 1 ♀ (worn) (E); 19.IV.1970, 1 ♀ (worn) (E)
- Aporia crataegi*** (LINNAEUS, 1758)
- Sámos : Pírgos, 24.V.1963, 2 ♂, 2 ♀ (fresh) (D & L); 29.V.1963, 1 ♂ (fresh) (D & L); 1.VI.1963, 1 ♀ (fresh) (D & L)
- Pieris brassicae*** (LINNAEUS, 1758)
- Kérkyra : Gouviá, 25/30.VII.1967, 1 ♀ (fresh) (Ro)
- Kríti : «Chaniá Tarápsis, 4 km ESE. of Tarápsa (360 m)», 3.XI.1976, 1 ♂ (fresh) (? leg.)
 Festós, Mesarás plain (Nom. Iráklion), 16.X.1972, 1 ♂ (fresh) (E)
 Máraithos, 17 km SW. of Iráklion (Nom. Iráklion) (350 m), 26.X.1972, 1 ♂ (fresh), 1 ♀ (not so fresh) (E)
 Amnissós (Nom. Iráklion), 20.V.1972, 1 ♀ (not so fresh) (K)
 3 km W. of Ágia Varvára (Nom. Iráklion) (650-750 m), 21.X.1972, 1 ♀ (fresh) (E)
 Arhánes, 14 km SSE. of Iráklion (Nom. Iráklion) (500-700 m), 19.X.1972, 2 ♀ (fresh) (E)
 Mália (Nom. Iráklion), 29.X.1972, 1 ♂ (not so fresh) (E)
- * Míkonos
 (Kikládés) ; 3 km SE. of Linó, 13.IV.1974, 1 ♂, 2 ♀ (not so fresh, one ♀ very worn) (E)
- Ródos : Línodos, 27.III.1970, 1 ♂ (worn) (E); 15.IV.1970, 2 ♂ (one fresh, one worn) (E); 17.IV.1970, 1 ♂ (not so fresh) (E); 20.IV.1970, 1 ♂, 1 ♀ (fresh) (E)
 Línodos, Marmári, 8.IV.1970, 1 ♂ (not so fresh) (E)
 Kálathos, 5 km N. of Línodos, 7.IV.1970, 1 ♂ (worn) (E)
 Láerma (200 m), 14.IV.1970, 3 ♀ (very worn) (E)
 Petalouúdes, 16.VI.1979, 2 ♂ (fresh) (K)
 «Rodini Park», May 1975, 1 ♀ (fresh) (H. VAN OORSCHOT)
- Kós : above Ziá, 6.VII.1978, 1 ♀ (fresh) (K)
 between Ákron Fokás and Émpros Thermá, 3.VII.1978, 1 ♂ (rather worn) (K)

- Sámos : Pírgos, 20.V.1963, 2 ♂ (worn) (D & L); 24.V.1963, 1 ♂, 1 ♀ (worn) (D & L); 29.V.1963, 1 ♂ (worn) (D & L); 6.VI.1963, 1 ♀ (fresh) (D & L) above Sámos, 10.VI.1977, 1 ♂ (fresh) (K)
- Lésvos : Sígri, 12 km W. of Ándissa, 2.XI.1973, 1 ♂ (fresh) (E)
 Skála Eresoú, 4 km S. of Eresós, 29.X.1973, 1 ♀ (worn) (E)
 Ándissa, 27.X.1973, 1 ♀ (fresh) (E)
 Gavathás, 5 km NNE. of Ándissa, 31.X.1973, 2 ♂ (fresh) (E)
 Mória, 24.XI.1973, 1 ♂ (fresh) (E)
 Dípi, 8 km ENE. of Agiásos, 19.X.1973, 2 ♀ (fresh) (E)
 Loutrópolis Thermís, 20.X.1973, 1 ♀ (fresh) (E); 20.XI.1973, 2 ♂ (fresh) (E)
 2 km NE. of Loutrópolis Thermís, 21.X.1973, 4 ♂ (not so fresh) (E)
 Agiásos, 16.XI.1973, 1 ♂ (fresh) (E)
 Mitilíni, 18.X.1973, ca. 10 ♂ (fresh), 3 ♀ (fresh) (E); 22.X.1973, 1 ♂ (fresh) (E); 18.XI.1973, ca. 15 ♂ (fresh), 6 ♀ (4 fresh, 2 rather worn) (E)
 Krátigos, 10 km SSE. of Mitilíni, 25.XI.1973, 1 ♀ (not so fresh) (E)
 Péráma, 10 km SW. of Mitilíni, 19.XI.1973, 1 ♂ (fresh) (E)

Pieris rapae (LINNAEUS, 1758)

- Kérkyra : Gouviá, 25/30.VII.1967, 4 ♂ (not so fresh), 1 ♀ (fresh) (Ro)
- Kríti : 17.V.1973 - 15.VI.1973 (K)
 14.X.1972 - 30.X.1972 (E)
 total number of specimens : approx. 60.
 localities :
 Nom. Réthimnon : Ágia Galíni, 6 km SE. of Mélambes; Anógia; Anógia, Ída
 Nom. Iráklion : Amnissós; Arhánēs, 14 km SSE. of Iráklion; Festós; Festós, Mesarás plain; Iráklion; 7 km W. of Iráklion; Knossós; Mália
 Nom. Lasíthion : Sitía; Skopí; Xerókampos
 «Lasithi Plateau» (Nom. Lasíthion), 14.IX.1975, 1 ♀ (? leg.)
 Ierápetra, Koutsounári (Nom. Lasíthion) (50 m), 6.IV.1980, 1 ♂ (M)
- Ródos : LínDOS, 27.III/15.IV.1970, 6 ♂ (fresh) (E)
 LínDOS, Marmári, 8.IV.1970, 1 ♂ (fresh) (E)
 Láerma (200 m), 14.IV.1970, 1 ♂ (fresh) (E)
 Paradíssi, 3.VI.1979, 1 ♂ (fresh) (K)
- Kós : Kardámena, 1/7.VII.1978, 1 ♂ (fresh) (K)
- Sámos : Pírgos, 22.V.1963, 1 ♂ (not so fresh) (D & L); 24.V.1963, 9 ♂ (not so fresh) (D & L); 29.V.1963, 1 ♀ (fresh) (D & L)
- Lésvos : Mitilíni, 18.X.1973, 1 ♀ (E); 18.XI.1973, 1 ♀ (E)
 2 km NE. of Loutrópolis Thermís, 21.X.1973, 1 ♀ (E)

Pontia daplidice (LINNAEUS, 1758)

- Kérkyra : Gouviá, 25/30.VII.1967, 1 ♂ (fresh), 1 ♀ (worn) (Ro)
- Kríti : Anógia (Nom. Réthimnon), 10/15.VI.1972, 1 ♂, 1 ♀ (fresh) (K)
 Amnissós (Nom. Iráklion), 20.V.1972, 1 ♂ (fresh) (K); 27.X.1972, 1 ♀ (fresh) (E)
 7 km W. of Iráklion (Nom. Iráklion), 28.X.1972, 1 ♂ (worn), 1 ♀ (fresh) (E)
 Mália (Nom. Iráklion), 29.X.1972, 1 ♀ (worn) (E); 9.VI.1972, 6 ♂ (1 fresh, 5 worn), 1 ♀ (worn) (K)
 Mália, beach (Nom. Iráklion), 28.IX.1973, 2 ♂ (fresh) (K)

- Skopí (Nom. Lasíthion), 7.VI.1972, 1 ♂ (worn) (K)
- Sámos : Pírgos, 24.V.1963, 1 ♂ (worn) (D & L)
- Anthocharis cardamines* (LINNAEUS, 1758)
- Kérkyra : Dassiá, 5 km SE. of Korakiána, 16/30.V.1971, 1 ♂, 1 ♀ (rather worn) (A & W)
- Euchloe simplonia* (FREYER, 1829)
- Kérkyra : Ór. Pantokrátor (900 m), 16/30.V.1971, 2 ♂, 5 ♀ (not so fresh) (A & W)
Dassiá, 5 km SE. of Korakiána, 16/30.V.1971, 2 ♂, 3 ♀ (fresh) (A & W)
- Kríti : Amnissós (Nom. Iráklion), 20.V.1972, 1 ♀ (fresh) (K)
- * Dílos
(Kikládés) : Dílos, 11/12.IV.1974, 2 ♀ (fresh) (E)
- * Míkonos
(Kikládés) : Tigáni, 5 km NE. of Áno Merá, 15.IV.1974, 1 ♂ (fresh) (E); 18.IV.1974, 3 ♂ (fresh), 2 ♀ (fresh) (E)
3 km S. of Psaróú, 19.IV.1974, 1 ♂ (not so fresh) (E)
4 km SW. of Diakóftis, 16.IV.1974, 2 ♂ (fresh), 5 ♀ (fresh) (E)
3 km SE. of Linó, 13.IV.1974, 1 ♀ (fresh) (E)
- Ródos : Línodos, 28.III.1970, 1 ♂ (fresh) (E); 1.IV.1970, 1 ♂ (fresh) (E); 6.IV.1970, 1 ♂ (fresh) (E); 18.IV.1970, 1 ♀ (fresh) (E); 20.IV.1970, 4 ♂, 3 ♀ (fresh) (E)
5 km SW. of Línodos, 29.III.1970, 1 ♂, 2 ♀ (fresh) (E)
Kálathos, 5 km N. of Línodos, 19.IV.1970, 1 ♂, 2 ♀ (fresh) (E)
Láerma (200 m), 14.IV.1970, 1 ♂, 1 ♀ (fresh) (E)
- Sámos : Vathí, 16.V.1963, 1 ♂ (fresh), 1 ♀ (worn) (D & L)
Pithagórion, 20.V.1963, 3 ♂ (worn) (D & L)

LYCAENIDAE

Callophrys rubi (LINNAEUS, 1758)

- Ródos : 10 km N. of Malóna, 13.IV.1970, 2 ♂ (1 fresh, 1 worn) (E)
Kattaviá, 4.V.1981, 1 ♂ (worn) (K)

Satyrrium ilicis (ESPER, 1779)

- Kérkyra : Ór. Pantokrátor (900 m), 16/30.V.1971, 3 ♂ (fresh) (A & W)
Markos, 3 km E. of Korakiána, 16/30.V.1971, 3 ♂ (fresh) (A & W)
Dassiá, 5 km SE. of Korakiána, 16/30.V.1971, 1 ♂ (fresh) (A & W)
- Sámos : Pithagórion, 20.V.1963, 2 ♂, 1 ♀ (worn) (D & L); 25.V.1983, 1 ♂, 2 ♀ (Lpk)
Pírgos, 29.V.1963, 1 ♀ (D & L)
Ágia-Zóni, 23.V.1983, 10 ♂, 4 ♀ (Lpk)
Kótsikas, 15.V.1983, 1 ♂ (Lpk)
- * Híos : Pírgi, 30.V.1981, 2 ♀ (worn) («don. H. VAN OORSCHOT»)

Lycaena phlaeas (LINNAEUS, 1761)

- Kríti : Réthimnon (Nom. Réthimnon), 16.III.1978, 2 ♂ (worn), 2 ♀ (one fresh, one worn) (Du)
Anógia (Nom. Réthimnon), 10/15.VI.1972, 1 ♂ (fresh, of the dark summer form) (K); 5.V.1982, 1 ♂ (fresh) (Du)
7 km W. of Iráklion (Nom. Iráklion), 28.X.1972, 1 ♂ (fresh) (E)
Amnissós (Nom. Iráklion), 20.V.1972, 1 ♀ (worn) (K)
3 km W. of Ágia Varvára (Nom. Iráklion) (650-750 m), 21.X.1972, 1 ♂ (worn) (E)

Arhânes, 14 km SSE. of Iráklion (Nom. Iráklion) (500-700 m), 19.X.1972, 1 ♀ (fresh) (E)
 Mália (Nom. Iráklion), 9.VI.1972, 1 ♀ (fresh) (K); 19.X.1980, 1 ♂ (fresh) (M)

* Míkonos

- (Kikládés) : 3 km SW. of Diakóftis, 7.IV.1974, 1 ♀ (fresh) (E)
 5 km NNW. of Míkonos, 9.IV.1974, 1 ♀ (not so fresh) (E)
 Tigáni, 5 km NE. of Áno Merá, 18.V.1974, 1 ♂, 1 ♀ (not so fresh) (E)
 3 km S. of Psarouí, 19.IV.1974, 1 ♂ (fresh) (E)
 4 km SW. of Diakóftis, 14.IV.1974, 3 ♂ (one fresh, two worn) (E)
 Ródos : Línidos, 30.III.1970, 2 ♂ (not so fresh) (E); 20.IV.1970, 1 ♂ (fresh) (E)
 Kremastí, 6.VI.1979, 1 ♀ (fresh, of the dark summer form) (K)
 Kálathos, 5 km N. of Línidos, 7.IV.1970, 1 ♂, 1 ♀ (fresh) (E), labelled «in copula»
 10 km N. of Malóna, 13.IV.1970, 1 ♀ (fresh) (E)
 Profitis Ilías, 11.VI.1979, 1 ♀ (fresh, of the dark summer form) (K)
 Sámos : Pithagórion, 11/25.IX.1981, 1 ♂ (not so fresh, of the dark summer form) (Th. VAN OORSCHOT)
 Ágia-Zóni, 23.V.1983, 1 ♂ (fresh, of the dark summer form) (Lpk)
 above Sámos, 10.VI.1977, 2 ♂ (not so fresh), 3 ♀ (2 fresh, 1 worn) (all of the dark summer form) (K)
 Lésvos : Ándissa, 27.X.1973, 1 ♀ (worn, of the dark summer form) (E)
 Vigla, 5 km WNW. of Ándissa, 5.XI.1973, 1 ♀ (worn, of the dark summer form) (E)
 Tzitha, 2 km WSW. of Ándissa, 26.X.1973, 2 ♂ (worn, of the dark summer form) (E)
 2 km NE. of Loutrópolis Thermís, 21.X.1973, 3 ♂, 5 ♀ (worn, of the dark summer form) (E)
 Mólivos, 3/5.VI.1981, 3 ♂ (one worn, two not so fresh, all of the dark summer form) («don. H. VAN OORSCHOT»)

Lycaena thersamon (ESPER, 1784)

- Ródos : Ailýssos, 9/25.X.1980, 13 ♂, 21 ♀ (a few females still fresh, all the other specimens not so fresh) (E. HOUKES)
 Línidos, 6.IV.1970, 1 ♂ (worn) (E)
 Kós : Kardámena, 1/7.VII.1978, 1 ♂ (rather worn), 1 ♀ (rather fresh) (K)
 above Ziá, 6.VII.1978, 1 ♂ (not so fresh) (K)

Syntarucus pirithous (LINNAEUS, 1767)

- Kríti : Mália (Nom. Iráklion), 29.X.1972, 1 ♀ (fresh) (E); 24.X.1980, 2 ♂ (one fresh, one worn), 1 ♀ (fresh) (M)
 * Lésvos : 2 km NE. of Loutrópolis Thermís, 21.X.1973, 1 ♂ (E)

Lampides boeticus (LINNAEUS, 1767)

- Kríti : Mália (Nom. Iráklion) (10 m), 22.X.1980, 1 ♀ (fresh) (M); 23.X.1980, 1 ♂ (not so fresh) (M); 24.X.1980, 2 ♂, 1 ♀ (fresh) (M)
 Ródos : Láerma (300 m), 3.VI.1984, 1 ♂, 1 ♀ (worn) (P)
 Faliráki, 26.X.1980, 2 ♂ (worn) (E. HOUKES)
 Ailýssos, 9/25.X.1980, 5 ♂, 3 ♀ (rather worn) (E. HOUKES)
 Kós : Kardámena, 1/7.VII.1978, 1 ♂ (worn) (K)
 between Ákron Fokás and Émpros Thermá, 3.VII.1978, 1 ♂ (worn) (K)

- Sámos : Pithagórion, 11/25.IX.1981, 1 ♀ (fresh) (Th. VAN OORSCHOT)
 * Lésvos : Skála Eresoú, 4 km S. of Eresós, 29.X.1973, 2 ♂ (worn), 1 ♀ (not so fresh) (E)
 Dípi, 8 km ENE. of Agiásos, 19.X.1973, 1 ♀ (not so fresh) (E)
 2 km NE. of Loutrópolis Thermís, 21.X.1973, 1 ♂ (worn) (E)

***Celastrina argiolus* (LINNAEUS, 1758)**

- Kérkyra : Gouviá, 25/30.VII.1967, 1 ♀ (worn) (Ro)
 Kríti : Farángi Ímbros, E. of Hóra Sfakiá (Nom. Haniá) (500-700 m), 9.V.1982, 1 ♂ (fresh) (Du)
 Spiliá-Drakóna, 25 km W. of Haniá (Nom. Haniá), 18.V.1982, 1 ♀ (fresh) (Du)
 Górtys (Nom. Iráklion) (100 m), 20.III.1978, 1 ♂ (not so fresh) (Du)

***Pseudophilotes vicrama* (MOORE, 1865)**

- Kríti : Hóra Sfakiá (Nom. Haniá) (0-100 m), 10/16.V.1982, 1 ♀ (fresh) (Du)
 Knossós (Nom. Iráklion), 17/21.V.1972, 1 ♀ (worn) (K)
 Amnissós (Nom. Iráklion), 20.V.1972, 3 ♂ (worn) (K)

*** Dílos**

- (Kikládes) : Dílos, 11/12.IV.1974, 1 ♂ (worn) (E)

*** Míkonos**

- (Kikládes) : 5 km NW. of Míkonos, 9.IV.1974, 2 ♂ (one fresh, one worn) (E)
 4 km SW. of Diakófti, 14.IV.1974, 2 ♂ (not so fresh), 3 ♀ (not so fresh) (E); 16.IV.1974, 2 ♂ (not so fresh), 3 ♀ (not so fresh) (E)
 3 km S. of Psaróú, 19.IV.1974, 1 ♂ (rather fresh), 2 ♀ (rather fresh) (E)
 4 km NE. of Ftellá, 10.IV.1974, 1 ♂ (worn) (E)
 Ródos : Línidos, 28.III.1970, 16 ♂, 11 ♀ (fresh and rather worn specimens) (E);
 6.IV.1970, 12 ♂, 11 ♀ (mostly fresh specimens, some getting worn)
 Línidos, Marmári, 8.IV.1970, 7 ♂, 2 ♀ (fresh and worn specimens) (E)
 10 km N. of Malóna, 13.IV.1970, 3 ♂ (not so fresh), 2 ♀ (one fresh, one not so fresh) (E)

***Glaucopsyche alexis* (PODA, 1761)**

*** Míkonos**

- (Kikládes) : 4 km NE. of Ftellá, 10.IV.1974, 1 ♀ (fresh) (E)
 Ródos : Línidos, 17.IV.1970, 5 ♂ (fresh) (E)
 10 km N. of Malóna, 11.IV.1970, 1 ♂ (fresh) (E); 13.IV.1970, 1 ♂ (fresh) (E)
 Ágios Isídoros (600 m), 13.IV.1986, 12 ♂ (worn) (O)
 «Rodini Park», May 1975, 1 ♀ (worn) (H. VAN OORSCHOT)

***Plebejus loewii* (ZELLER, 1847)**

- Ródos : between Psínthos and Maritsá, 16.VI.1979, 4 ♂ (rather worn, damaged), 1 ♀ (fresh) («don. H. VAN OORSCHOT»)
 Kós : «Kós, 23.V.1983», 1 ♂ (fresh, but badly damaged)
 * Pátmos : «Pátmos, 21.V.1983», 1 ♂ (fresh) (J.J. V.OORT)
 The specimen from Kós bears a label with the same handwriting as the Pátmos specimen and was therefore most probably also collected by V.OORT.

***Kretania psylorita* (FREYER, 1845)**

- Kríti : «Creta. Coll. Wagner ♂ 1920», 1 ♂ (fresh)
 »Kreta Ida HOLTZ», 1 ♂ (fresh)
 unlabelled specimen, 1 ♂ (fresh)
 Idéon Ánthron (Nom. Réthimnon), 8.VI.1974, 2 ♂ (fresh) (R)

Arícia agestis (DENIS & SCHIFFERMÜLLER, 1775)

- Kríti : Anógia, Ída (Nom. Réthimnon) (1370 m), 11.VI.1972, 4 ♂ (two fresh, two worn) (K)
Festós (Nom. Iráklion), 23/26.V.1972, 1 ♂ (fresh) (K)
Festós, Mesarás plain (Nom. Iráklion), 24.V.1972, 1 ♂ (worn) (K)
Máráthos, 17 km SW. of Iráklion (Nom. Iráklion) (350 m), 26.X.1972, 1 ♂ (rather worn) (E)
Knossós (Nom. Iráklion), 17/21.V.1972, 1 ♂ (rather fresh) (K)
Kós : above Ziá, 6.VII.1978, 1 ♀ (not so fresh) (K)
Sámos : above Sámos, 10.VI.1977, 2 ♂ (not so fresh) (K)
Kalámi, 26.VI.1977, 1 ♂ (worn) (K)
Mitilinií, 29.V.1983, 2 ♂ (worn) (Lpk)

Polyommatus thersites (CANTENER, 1834)

- Kós : above Ziá, 6.VII.1978, 3 ♂ (not so fresh), 3 ♀ (one fresh, two not so fresh) (K)
Sámos : Pithagórion, 11/25.IX.1981, 1 ♀ (not so fresh) (Th. VAN OORSCHOT)

Polyommatus icarus (ROTTEMBURG, 1775)

- Kérkyra : Gouviá, 25/30.VII.1967, 2 ♂, 2 ♀ (not so fresh) (Ro)
Kríti : Paleohóra (Nom. Haniá), 23/24.V.1982, 4 ♂ (fresh), 1 ♀ (worn) (Du)
Ágia Galíni, 6 km SE. of Mélambes (Nom. Réthimnon), 30.X.1972, 1 ♂ (not so fresh) (E)
Drosiá, 27 km W. of Iráklion (Nom. Réthimnon) (250 m), 23.X.1972, 1 ♂ (not so fresh) (E)
Moní Arkadíou, 24 km SE. of Réthimnon (Nom. Réthimnon) (500 m), 26.V.1982, 1 ♀ (not so fresh) (Du)
Anógia (Nom. Réthimnon), 10/15.VI.1972, 3 ♂, 7 ♀ (worn) (K)
Anógia, Ída (Nom. Réthimnon) (1370 m), 11.VI.1972, 2 ♂, 2 ♀ (worn) (K)
Áno Viános - Néa Arví (Nom. Iráklion) (10 m), 14.IV.1980, 1 ♀ (fresh, with strong blue suffusion) (M)
Máráthos, 17 km SW. of Iráklion (Nom. Iráklion) (350 m), 26.X.1972, 1 ♂ (not so fresh) (E)
Tsagarák, 15 km SSW. of Iráklion (Nom. Iráklion), 15.X.1972, 1 ♂, 1 ♀ (E)
7 km W. of Iráklion (Nom. Iráklion), 28.X.1972, 1 ♂ (E)
Festós (Nom. Iráklion), 23/26.V.1972, 13 ♂, 4 ♀ (not so fresh) (K)
Festós, Mesarás plain (Nom. Iráklion), 24.V.1972, 3 ♂, 1 ♀ (worn) (K); 16.X.1972, 1 ♂ (worn) (E)
Knossós (Nom. Iráklion), 17/21.V.1972, 4 ♂, 1 ♀ (worn) (K)
Amnissós (Nom. Iráklion), 20.V.1972, 7 ♂, 4 ♀ (not so fresh) (K); 29.IX.1973, 1 ♂ (not so fresh) (K)
Mália (Nom. Iráklion) (10-50 m), 18.X.1980, 1 ♀ (not so fresh) (M); 19.X.1980, 2 ♂ (worn), 1 ♀ (not so fresh) (M); 18.V.1972, 3 ♂ (not so fresh) (K); 9.VI.1972, 5 ♂, 1 ♀ (worn) (K); 28.IV.1973, 1 ♂ (K)
«Lasithi Plateau» (Nom. Lasíthion), 14.IX.1975, 1 ♂ (fresh) (? leg.)
Ierápetra, Koutsounári (Nom. Lasíthion) (50-100 m), 6/8.IV.1980, 5 ♂ (fresh) (M)
Xerókampos (Nom. Lasíthion), 2.VI.1972, 1 ♂ (not so fresh) (K)
Sitía (Nom. Lasíthion), 2.X.1973, 1 ♂ (not so fresh) (K)

- Sikía, SW. of Sitía (Nom. Lasíthion), 5.X.1973, 1 ♂ (not so fresh) (K)
 Skopí (Nom. Lasíthion), 7.VI.1972, 3 ♂ (not so fresh) (K)
 Gra-Lígia (Nom. Lasíthion), 3.VI.1972, 2 ♂, 1 ♀ (not so fresh) (K)
 Ágios Nikólaos (Nom. Lasíthion), 28/29.V.1972, 1 ♂ (not so fresh) (K)
- Ródos :
 Lín dos, 15.IV.1970, 4 ♂ (not so fresh) (E); 16.IV.1970, 3 ♂ (not so fresh) (E); 17.IV.1970, 2 ♂, 2 ♀ (not so fresh) (E); 18.IV.1970, 2 ♀ (not so fresh) (E); 20.IV.1970, 2 ♂ (not so fresh) (E)
 Lín dos, Marmári, 8.IV.1970, 1 ♂ (not so fresh) (E)
 Kálathos, 5 km N. of Lín dos, 7.IV.1970, 1 ♂ (not so fresh) (E)
 Lárdos, 4.IV.1970, 1 ♀ (not so fresh, with strong blue suffusion) (E)
 Kremastí, 6.VI.1979, 1 ♂, 2 ♀ (not so fresh) (K)
 Láerma, 14.IV.1970, 1 ♂, 1 ♀ (not so fresh) (E)
 10 km N. of Malóna, 11.IV.1970, 2 ♂ (not so fresh) (E)
 1 km SW. of Theológos, 5.V.1981, 1 ♂ (worn) (K)
- Kós :
 Ágios Stéfanos, 24/29.VI.1978, 2 ♀ (worn) (K)
 between Ákron Fokás and Émpros Thermá, 3.VII.1978, 1 ♀ (worn) (K)
- Sámos :
 under Kastanéa and above Léka, 24.VI.1977, 3 ♂ (2 fresh, 1 worn), 2 ♀ (worn) (K)
 Kouútsi, 25/26.VI.1977, 2 ♂, 2 ♀ (worn) (K)
 Sourídes, 27.VI.1977, 1 ♀ (worn) (K)
 Iréon, 13.VI.1977, 1 ♀ (worn) (K)
 Pithagórion, 11/25.IX.1981, 4 ♂ (fresh), 1 ♀ (not so fresh) (Th. VAN OORSCHOT)
 Pírgos, 29.V.1963, 1 ♂ (not so fresh) (D & L)
 Mitilinií, 29.V.1983, 1 ♂ (worn) (Lpk)
- Lésvos :
 Tzítha, 2 km WSW. of Ándissa, 26.X.1973, 11 ♂ (worn) (E)
 Mólivos, 3/5.VI.1981, 2 ♂ (fresh), 1 ♀ (worn) («don. H. VAN OORSCHOT»)
 2 km NE. of Loutrópolis Thermís, 21.X.1973, 1 ♂ (worn) (E)
 Ándissa, 1.XI.1973, 1 ♀ (worn) (E); 27.X.1973, 1 ♂ (not so fresh) (E)
 Mitilíni, 18.X.1973, 1 ♀ (worn) (E)

(to be concluded)



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