

Checklist of Herbivorous Insects of Native and Exotic Oaks in Hungary I. (Lepidoptera)

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Abstract – As far as is currently known, 308 lepidopteran species belonging to 32 families feed on oaks in Hungary. The family Geometridae is the richest in quercivorous (oak feeding) species (63), followed by Noctuidae (62), and Tortricidae (39). Hungarian data are available for 69.4% of this fauna (215 species). Numbers of species-level hostplant data are *Quercus cerris*: 65, *Quercus petraea*: 119, *Quercus pubescens*: 89, *Quercus robur*: 111, *Quercus rubra*: 16. These species numbers exceed the species numbers published 10 years ago by 70%.

Quercus / herbivore insects / Lepidoptera

Kivonat – A magyarországi tölgyek herbivor rovarainak listája I. Jelenleg 32 családba tartozó 308 magyarországi lepkefajról tudjuk, hogy tölgyeken táplálkozik. Tölgyön táplálkozó fajokban leggazdagabb az arasolólépkék (63 faj), a bagolylépkék (62 faj) és a sodrómolyok családja (39 faj). A 308 lepkefaj 69,4 %-a (215 faj) eredeti, magyarországi adatot alapul véve került fel a listára. Az egyes tölgyfajok esetében az alábbi számú lepkefajra vonatkozóan vannak faji pontosságú tápnövény adataink: *Quercus cerris*: 65, *Quercus petraea*: 119, *Quercus pubescens*: 89, *Quercus robur*: 110, *Quercus rubra*: 16. Ezek a fajszámok mintegy 70 %-kal haladják meg a 10 évvel korábban publikált fajlista hasonló értékeit.

Quercus / herbivor rovarok / Lepidoptera

1 INTRODUCTION

The richness and differences of herbivore insect guilds on different trees and shrubs has received considerable attention in insect ecological research over the last three decades (Strong – Levin, 1979; Neuvonen – Niemelä 1981, 1983; Kennedy – Southwood, 1984; Karban – Ricklefs 1983, 1984; Altenkirch, 1986; Leather, 1986; Szentkirályi – Kozár, 1991; Gaston, 1992; etc.).

Hungarian knowledge on this topic is rather sporadic. Csóka (1996) compiled the list of herbivore insects of different tree species and particularly those feeding on oaks (1994, 1998). These lists were mainly based on literature data. According to these checklists, the number of herbivorous insects feeding on oaks in Hungary is about 630. This number is very high

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compared to the 423 published from Great Britain (Southwood – Kennedy, 1984) and 298 from Germany (Altenkirch, 1986). The total of 630 species is also very high in comparison to herbivore richness associated with any other genera of woody plants in Hungary. It is nearly 40 % higher than that of the second highest, *Salix*. 46,5% of the 630 species belong to the Lepidoptera. With this share the Lepidoptera is by far the richest herbivore insect order feeding on oaks in Hungary, with more than twice the species richness of the Hymenoptera (131) and Coleoptera (121) (Csóka 1994, 1998).

This article is the first part of a series planned to have 3 parts. It deals only with Lepidopteran herbivores of oaks. Compared to former works it lists far more original Hungarian rearing data resulting from intensive collecting of oak herbivore insects. There is no need to emphasise the higher value of reliable original rearing data compared to the sometimes unreliable literature data.

This list deals only with the species where the larvae or the adult feed on living tissues of oaks, and does not deal with saproxylophagous species feeding on dead wood, on lichens or in fungi living on trees.

2 ORIGIN OF THE DATA LISTED

The paper primarily considers original Hungarian rearing data, but lists also literature data if necessary. The data are classified into three categories.

- Previously published or as yet unpublished original data of the two authors. These data are indicated by the abbreviated names of the authors (Cs.Gy.= György Csóka, Sz.Cs.= Csaba Szabóky).
- Original Hungarian rearing data. Only articles in which original rearing data were published are considered (Tallós 1961; Szöcs 1963, 1971, 1973, 1977; Mészáros 1969, 1972, 1974, 1981; Herczig et al 1980; Szeőke 1982; Csóka 1991; Csóka – Hirka 2002).
- Foreign host plant records are listed only in cases where data from the previous two categories were not available. We have tried to avoid listing data from foreign handbooks because it is quite likely that the data presented date from other, earlier handbooks.

The majority of the foreign data are from Patočka et al. (1999). This monograph is based on original Slovakian data, and therefore the reliability of the data together with the geographical closeness make them more appropriate.

3 CHECKLIST

The families and the species within the families and also the host plants are listed in alphabetical order. In the list there are * signs following the names of 6 *Pammene* species. These 6 species have a very special life history. Their larvae feed on gall tissues inside the galls formed by gall wasps belonging to family Cynipidae. But because they feed on living plant tissues they must be considered as herbivores.

Arctiidae

- Callimorpha dominula* Linnaeus, 1758
Quercus petraea: Csóka, 1991
Euplagia quadripunctaria Poda 1761
Quercus petraea: Csóka, 1991
Hyphantria cunea Drury, 1773
Quercus robur: Csóka, 1991
Quercus rubra: Cs.Gy.

Bucculatricidae

- Bucculatrix ulmella* Zeller, 1848
Quercus cerris: Szöcs, 1971
Quercus petraea: Szöcs, 1977

Chimabachidae

- Diurnea fagella* ([Denis – Schiffermüller], 1775)
Quercus petraea: Cs.Gy.
Quercus robur: Cs.Gy.

Coleophoridae

- Coleophora anatipennella* (Hübner, 1796)
Quercus sp.: Szöcs 1977
Coleophora currucipennella Zeller, 1839
Quercus cerris: Szöcs, 1971
Quercus pubescens: Herczig et al. 1980
Coleophora flavipennella (Duponchel, 1843)
Quercus sp.: Szöcs 1977
Coleophora ibipennella Zeller, 1849
Quercus sp.: Szöcs 1977
Coleophora kuehnella Zincken, 1813
Quercus petraea: Cs.Gy.
Quercus robur: Cs.Gy.
Coleophora lutipennella (Zeller, 1838)
Quercus petraea: Szöcs, 1971
Quercus pubescens: Herczig et al. 1980

Cosmopterygidae

- Dystebenna stephensi* (Stainton, 1849)
Quercus sp.: Emmet 1988

Cossidae

- Cossus cossus* (Linnaeus, 1758)
Quercus cerris: Cs.Gy.
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
Quercus robur: Cs.Gy.
Quercus rubra: Cs.Gy.
Zeuzera pyrina (Linnaeus, 1761)
Quercus rubra: Cs.Gy.

Drepanidae

- Drepana binaria* Hufnagel, 1767
Quercus petraea: Cs.Gy.
Quercus robur: Csóka, 1991
Drepana curvatula Borkhausen, 1790
Quercus sp.: Vojnits et al 1991
Drepana falcataria Linnaeus, 1758
Quercus petraea: Cs.Gy.

- Sabra harpagula* Esper, 1786
Quercus petraea: Cs.Gy.

Eriocraniidae

- Dyseriocrania subpurpurella* (Haworth, 1828)
Quercus sp.: Emmet 1988

Gelechiidae

- Anacampsis timidella* (Wocke, 1887)
Quercus cerris: Patočka et al 1999
Quercus pubescens: Patočka et al 1999
Carpatolechchia decorella (Haworth, 1812)
Quercus sp.: Patočka et al 1999
Parastenolechia nigrinotella (Zeller, 1847)
Quercus pubescens: Patočka et al 1999
Pseudotelphusa paripunctella (Thunberg, 1794)
Quercus sp.: Patočka et al 1999
Pseudotelphusa scalella (Scopoli, 1763)
Quercus sp.: Patočka et al 1999
Psoricoptera gibbosella (Zeller, 1839)
Quercus petraea: Cs.Gy.
Stenolechia gemmella (Linnaeus, 1758)
Quercus macrocarpa: Csóka – Hirka, 2002
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
Quercus robur: Cs.Gy.
Teleiodes luculella (Hübner, 1813)
Quercus sp.: Patočka et al 1999

Geometridae

- Abraxas grossulariata* (Linnaeus, 1758)
Quercus robur: Szeőke, 1982
Agriopis aurantiaria (Hübner [1799])
Quercus petraea: Csóka, 1991
Quercus pubescens: Csóka, 1991
Quercus robur: Csóka, 1991
Agriopis bajaria (Denis – Schiffermüller, 1775)
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
Agriopis leucophaearia ([Denis – Schiffermüller], 1775)
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
Quercus robur: Cs.Gy.
Agriopis marginaria (Fabricius, 1777)
Quercus petraea: Csóka, 1991
Quercus robur: Csóka, 1991
Alcis repandata (Linnaeus, 1758)
Quercus sp.: Patočka et al 1999
Alsophila aescularia (Denis – Schiffermüller, 1775)
Quercus petraea: Csóka, 1991
Quercus pubescens: Cs.Gy.
Quercus robur: Cs.Gy.
Alsophila quadripunctaria Esper, 1800
Quercus cerris: Herczig et al. 1980
Quercus petraea: Csóka, 1991
Quercus robur: Csóka, 1991

- Angerona prunaria* (Linnaeus, 1758)
Quercus sp.: Patočka et al 1999
Apocheima hispidarium (Denis – Schiffermüller, 1775)
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
Quercus robur: Cs.Gy.
Asthena albulata Hufnagel, 1767
Quercus sp.: Fajčík – Slamka, 1996
Biston betularius (Linnaeus, 1758)
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
Quercus robur: Cs.Gy.
Biston stratarius (Hufnagel, 1767)
Quercus petraea: Cs.Gy.
Quercus robur: Cs.Gy.
Boarmia arenaria Hufnagel, 1767
Quercus sp.: Patočka et al 1999
Boarmia punctinalis (Scopoli, 1763)
Quercus sp.: Patočka et al 1999, Porter 1997
Cabera pusaria (Linnaeus, 1758)
Quercus sp.: Porter 1997
Campaea honoraria ([Denis – Schiffermüller], 1775)
Quercus sp.: Patočka et al 1999, Porter 1997
Campaea margaritata (Linnaeus, 1767)
Quercus petraea: Cs.Gy.
Chloroclysta miata (Linnaeus, 1758)
Quercus sp.: Patočka et al 1999
Chloroclysta siterata Hufnagel, 1767
Quercus sp.: Patočka et al 1999, Porter 1997
Colotois pennaria (Linnaeus, 1758)
Quercus cerris: Csóka, 1991
Quercus petraea: Csóka, 1991
Quercus pubescens: Cs.Gy., Sz.Cs.
Quercus robur: Csóka, 1991
Quercus rubra: Csóka – Hirka, 2001
Comibaena bajularia ([Denis – Schiffermüller], 1775)
Quercus sp.: Patočka et al 1999, Porter 1997
Crocallis elinguiarius (Linnaeus, 1758).
Quercus pubescens: Cs.Gy.
Cyclophora linearia (Hübner [1799])
Quercus robur: Cs.Gy.
Cyclophora porata Linnaeus, 1767
Quercus cerris: Szócs, 1977
Quercus sp.: Mészáros, 1974, 1981
Cyclophora punctaria Linnaeus, 1758
Quercus robur: Csóka, 1991
Cyclophora pupillaria (Hübner, 1799)
Quercus robur: Porter 1997
Cyclophora quercimontaria Bastelberger, 1897
Quercus sp.: Patočka et al 1999
Cyclophora ruficiliaria HS
Quercus sp.: Mészáros, 1974
Deileptenia ribeata Clerck, 1759
Quercus sp.: Porter 1997
Ectropis bistortata Goeze, 1781
Quercus robur: Csóka, 1991
Ectropis extersaria (Hübner, 1799)
Quercus sp.: Porter 1997
Ectropis consonaria (Hübner, 1799)
Quercus sp.: Porter 1997
Electrophaes corylata (Thunberg, 1792)
Quercus sp.: Patočka et al 1999, Porter 1997
Ennomos autumnarius Werneburg, 1859
Quercus robur: Cs.Gy.
Ennomos erosarius ([Denis – Schiffermüller], 1775)
Quercus sp.: Patočka et al 1999, Porter 1997
Ennomos quercinarius Hufnagel, 1767
Quercus robur: Csóka, 1991
Epirrita autumnata Borkhausen, 1794
Quercus cerris: Cs.Gy.
Quercus robur: Cs.Gy.
Epirrita christyi Prout, 1906
Quercus cerris: Cs.Gy.
Epirrita dilutata ([Denis – Schiffermüller], 1775)
Quercus sp.: Porter 1997
Erannis ankeraria (Staudinger, 1861)
Quercus pubescens: Szócs, 1971
Erannis defoliaria (Clerck, 1759)
Quercus petraea: Csóka, 1991
Quercus robur: Csóka, 1991
Quercus rubra: Csóka – Hirka, 2001
Eupithecia abbreviata Stephens, 1831
Quercus sp.: Patočka et al 1999, Porter 1997
Eupithecia dodoneata Guenée, 1857
Quercus sp.: Patočka et al 1999, Porter 1997
Eupithecia irriguata Hübner, 1813
Quercus sp.: Patočka et al 1999, Porter 1997
Hemithea aestivaria (Hübner [1799])
Quercus sp.: Patočka et al 1999, Porter 1997
Hypomecis roboraria ([Denis – Schiffermüller], 1775)
Quercus petraea: Csóka, 1991
Quercus robur: Csóka, 1991
Jodis lactearia Linnaeus, 1758
Quercus sp.: Porter 1997
Lomographa bimaculata Fabricius, 1775
Quercus sp.: Koch, 1988
Lycia hirtaria (Clerck, 1759)
Quercus robur: Cs.Gy.
Odontopera bidentata (Clerck, 1759)
Quercus petraea: Cs.Gy.
Operophtera brumata (Linnaeus, 1758)
Quercus cerris: Cs.Gy.
Quercus petraea: Csóka, 1991
Quercus pubescens: Cs.Gy.
Quercus robur: Csóka, 1991
Quercus rubra: Csóka – Hirka, 2002
Operophtera fagata (Scharfenberg, 1805)
Quercus sp.: Patočka et al 1999

Peribatodes rhomboidarius (Denis – Schiffermüller, 1775)
Quercus robur: Csóka, 1991
Phigalia pilosaria ([Denis – Schiffermüller], 1775)
Quercus petraea: Csóka, 1991
Plagodis dolabraria (Linnaeus, 1767)
Quercus petraea: Cs.Gy.
Plagodis pulveraria Linnaeus, 1758
Quercus sp.: Patočka et al 1999
Poecilopsis pomonarius Hübner, 1790
Quercus sp.: Patočka et al 1999
Selenia dentaria (Fabricius, 1775)
Quercus robur: Cs.Gy.
Selenia lunularia Hübner, 1788
Quercus robur: Cs.Gy.
Selenia tetralunaria Hufnagel, 1767
Quercus robur: Cs.Gy.
Semiothisa alternaria (Hübner, 1809).
Quercus sp.: Patočka et al 1999
Semiothisa notata (Linnaeus, 1758)
Quercus sp.: Patocka et al 1999

Gracillariidae

Acrocercops brongniardella (Fabricius, 1798)
Quercus cerris: Szöcs, 1963, Cs.Gy.
Quercus ilex: Csóka – Hirka, 2002
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
Quercus robur: Cs.Gy.
Caloptilia alchimiella (Scopoli, 1763)
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
Quercus robur: Cs.Gy.
Phyllonorycter abrasella (Duponchel, 1843)
Quercus cerris: Szöcs, 1963, Cs.Gy.
Phyllonorycter delitella (Duponchel, 1843)
Quercus pubescens: Szöcs, 1963
Phyllonorycter distentella (Zeller, 1846)
Quercus petraea: Szöcs, 1971
Quercus pubescens: Szöcs, 1971
Phyllonorycter harrisella (Linnaeus, 1761)
Quercus petraea: Szöcs, 1977
Quercus robur: Szöcs, 1963
Phyllonorycter heegeriella (Zeller, 1846)
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
Quercus robur: Cs.Gy.
Quercus hartwissiana: Csóka – Hirka, 2002
Quercus iberica: Csóka – Hirka, 2002
Phyllonorycter ilicifoliella (Duponchel, 1843)
Quercus cerris: Szöcs, 1963
Phyllonorycter lautella (Zeller, 1846)
Quercus cerris: Szöcs, 1971
Quercus petraea: Szöcs, 1971
Quercus robur: Szöcs, 1971
Phyllonorycter muelleriella (Zeller, 1839)
Quercus robur: Szöcs, 1963

Phyllonorycter parisiella (Wocke, 1848)
Quercus pubescens: Szöcs, 1971
Phyllonorycter quercifoliella (Zeller, 1839)
Quercus cerris: Szöcs, 1963, 1971
Quercus petraea: Szöcs, 1963, Cs.Gy.
Quercus pubescens: Szöcs, 1971
Quercus robur: Szöcs, 1963, Cs.Gy.
Phyllonorycter roboris (Zeller, 1839)
Quercus acutissima: Csóka – Hirka, 2002
Quercus alba: Csóka – Hirka, 2001
Quercus castaneifolia: Csóka – Hirka, 2002
Quercus cerris: Cs.Gy.
Quercus dentata: Csóka – Hirka, 2001
Quercus hartwissiana: Csóka – Hirka, 2002
Quercus iberica: Csóka – Hirka, 2002
Quercus libani: Csóka – Hirka, 2002
Quercus macranthera: Csóka – Hirka, 2002
Quercus macrocarpa: Csóka – Hirka, 2002
Quercus petraea: Szöcs, 1977, Cs.Gy.
Quercus pubescens: Szöcs, 1963, Cs.Gy.
Quercus robur: Szöcs, 1963, Cs.Gy.
Quercus trojana: Csóka – Hirka, 2002
Quercus turneri x pseudoturneri: Csóka – Hirka, 2002
Phyllonorycter saportella (Duponchel, 1840)
Quercus cerris: Szöcs, 1971
Quercus petraea: Szöcs, 1963
Quercus pubescens: Szöcs, 1971
Phyllonorycter scitulella (Duponchel, 1843)
Quercus pubescens: Szöcs, 1971
Spulerina simploniella (Fischer von Röslerstamm, 1844)
Quercus sp.: Szöcs, 1963

Heliozelidae

Heliozela sericiella (Haworth, 1828)
Quercus sp.: Szöcs 1977

Incurvariidae

Incurvaria masculella ([Denis – Schiffermüller], 1775)
Quercus sp.: Szöcs 1977

Lasiocampidae

Eriogaster catax Linnaeus, 1758
Quercus cerris: Cs.Gy.
Quercus pubescens: Sz.Cs.
Quercus robur: Tallós, 1961
Eriogaster lanestris Linnaeus, 1758
Quercus robur: Cs.Gy.
Eriogaster rimicola Denis – Schiffenmüller, 1775
Quercus sp.: Szöcs, 1963,
Gastropacha quercifolia Linnaeus, 1758
Quercus petraea: Csóka, 1991, Sz.Cs.
Quercus pubescens: Sz.Cs.
Quercus robur: Cs.Gy.

Lasiocampa quercus Linnaeus 1758

Quercus cerris: Cs.Gy., Sz.Cs.

Quercus petraea: Cs.Gy., Sz.Cs.

Quercus pubescens: Cs.Gy.

Quercus robur: Csóka, 1991

Macrothylacia rubi Linnaeus, 1758

Quercus petraea: Cs.Gy.

Quercus robur: Cs.Gy.

Malacosoma neustria Linnaeus, 1758

Quercus petraea: Mészáros, 1969, Cs.Gy., Sz.Cs.

Quercus pubescens: Sz.Cs.

Quercus robur: Mészáros, 1974, Cs.Gy., Sz.Cs.

Quercus rubra: Cs.Gy.

Odonestis pruni Linnaeus, 1758

Quercus sp.: Vojnits et al 1991

Phyllodesma ilicifolia Linnaeus, 1758

Quercus robur: Cs.Gy.

Phyllodesma tremulifolia Hübner, 1810

Quercus cerris: Sz.Cs.

Quercus petraea: Sz.Cs.

Quercus sp.: Vojnits et al 1991

Poecilocampa populi Linnaeus, 1758

Quercus petraea: Cs.Gy.

Quercus pubescens: Cs.Gy.

Trichiura crataegi Linnaeus, 1758

Quercus cerris: Tallós, 1961

Limacodidae

Apoda limacodes (Hufnagel, 1766)

Quercus petraea: Csóka, 1991, Sz.Cs.

Quercus pubescens: Cs.Gy.

Quercus robur: Csóka, 1991

Heterogenea asella ([Denis & Schiffermüller], 1775)

Quercus sp.: Porter, 1997

Lycaenidae

Neozephyrus quercus (Linnaeus, 1758)

Quercus petraea: Cs.Gy., Sz.Cs.

Quercus pubescens: Cs.Gy.

Quercus robur: Cs.Gy.

Quercus sp.: Mészáros, 1972

Satyrion ilicis (Esper, 1779)

Quercus pubescens: Cs.Gy.

Lymantriidae

Arctornis l-nigrum Müller, 1864

Quercus robur: Mészáros, 1974, Cs.Gy.

Dicallomera fascelina Linnaeus, 1758

Quercus petraea: Herczig et al. 1980

Elkneria pudibunda Linnaeus, 1758

Quercus cerris: Csóka, 1991

Quercus petraea: Csóka, 1991, Sz.Cs.

Quercus robur: Szeőke, 1982, Csóka, 1991

Quercus rubra: Cs.Gy.

Euproctis chrysorrhoea Linnaeus, 1758

Quercus petraea: Cs.Gy., Sz.Cs.

Quercus pubescens: Cs.Gy., Sz.Cs.

Quercus robur: Mészáros, 1974, Cs.Gy., Sz.Cs.

Quercus rubra: Cs.Gy.

Euproctis similis Fuessly, 1755

Quercus robur: Mészáros, 1974, Csóka,

1991, Csóka – Hirka, 2002

Quercus rubra: Cs.Gy.

Leucoma salicis Linnaeus, 1758

Quercus robur: Cs.Gy.

Lymantria dispar Linnaeus, 1758

Quercus alba: Csóka – Hirka, 2002

Quercus cerris: Szeőke, 1982, Csóka, 1991

Quercus frainetto: Cs.Gy.

Quercus imbricaria: Csóka – Hirka, 2002

Quercus macrocarpa: Csóka – Hirka, 2002

Quercus macrocarpa: Csóka – Hirka, 2002

Quercus palustris: Csóka – Hirka, 2002

Quercus palustris: Csóka – Hirka, 2002

Quercus petraea: Csóka, 1991, Sz.Cs.

Quercus pubescens: Csóka, 1991, Sz.Cs.

Quercus robur: Szeőke, 1982, Csóka, 1991

Quercus rubra: Csóka, 1991, Csóka –

Hirka, 2002

Lymantria monacha Linnaeus, 1758

Quercus cerris: Cs.Gy.

Quercus petraea: Csóka, 1991

Quercus robur: Cs.Gy.

Ocneria rubea Fabricius, 1787

Quercus petraea: Herczig et al. 1980

Orgyia antiqua Linnaeus, 1758

Quercus petraea: Csóka, 1991

Quercus robur: Csóka, 1991

Quercus rubra: Csóka, 1991

Teia recens Hübner, 1819

Quercus cerris: Cs.Gy.

Quercus petraea: Cs.Gy.

Quercus robur: Cs.Gy.

Quercus sp.: Mészáros, 1974

Nepticulidae

Ectoedemia albifasciella (Heinemann, 1871)

Quercus cerris: Szöcs, 1971

Quercus pubescens: Szöcs, 1971

Ectoedemia atrifrontella (Stainton, 1851)

Quercus petraea: Cs.Gy.

Quercus robur: Cs.Gy.

Ectoedemia caradjai (Groschke, 1944)

Quercus cerris: Szöcs, 1963

- Quercus petraea*: Szöcs, 1971
Quercus pubescens: Szöcs, 1971
Quercus robur: Szöcs, 1971
Ectoedemia cerris (Zimmermann, 1944)
Quercus cerris: Szöcs, 1971
Ectoedemia contorta Nieukerken, 1985
Quercus pubescens: Lastuvka & Lastuvka 1997
Ectoedemia gilvipennella (Klimesch, 1946)
Quercus cerris: Szöcs, 1971
Ectoedemia heringi (Toll, 1934)
Quercus pubescens: Szöcs 1963
Quercus robur: Szöcs, 1971
Ectoedemia liechtensteini (Zimmermann, 1944)
Quercus cerris: Szöcs, 1971
Ectoedemia longicaudella Klimesch, 1953
Quercus sp.: Lastuvka & Lastuvka 1997
Ectoedemia rufifrontella (Caradja, 1920)
Quercus pubescens: Szöcs, 1977
Ectoedemia subbimaculella (Haworth, 1828)
Quercus cerris: Szöcs 1963
Quercus robur: Szöcs 1963
Stigmella atricapitella (Haworth, 1828)
Quercus cerris: Szöcs, 1977
Quercus pubescens: Szöcs, 1977
Stigmella basiguttella (Heinemann, 1862)
Quercus cerris: Szöcs, 1971
Quercus robur: Szöcs, 1971
Stigmella dorsiguttella (Johansson, 1971)
Quercus sp.: Lastuvka & Lastuvka 1997
Stigmella eberhardi (Johanson, 1971)
Quercus petraea: Szöcs, 1977
Quercus pubescens: Szöcs, 1977
Stigmella roborella (Johansson, 1971)
Quercus cerris: Szöcs, 1977
Quercus pubescens: Szöcs, 1977
Quercus robur: Szöcs, 1977
Stigmella ruficapitella (Haworth, 1828)
Quercus cerris: Szöcs, 1977
Quercus petraea: Szöcs, 1963
Quercus pubescens: Szöcs, 1977
Quercus robur: Szöcs, 1977
Stigmella samiatella (Zeller, 1839)
Quercus macrocarpa: Csóka – Hirka, 2002
Quercus robur: Szöcs, 1977
Stigmella svenssoni (Johansson, 1971)
Quercus robur: Szöcs, 1977
Stigmella szoeciella (Borkowski, 1972)
Quercus cerris: Lastuvka & Lastuvka 1997
Stigmella zangherii (Klimesch, 1951)
Quercus cerris: Szöcs, 1971
Acronicta aceris ([Denis – Schiffermüller], 1775)
Quercus pubescens: Cs.Gy.
Acronicta alni (Linnaeus, 1767)
Quercus sp.: Patočka et al 1999
Acronicta auricoma ([Denis – Schiffermüller], 1775)
Quercus robur: Cs.Gy.
Acronicta euphorbiae ([Denis – Schiffermüller], 1775)
Quercus robur: Tallós, 1961
Acronicta psi (Linnaeus, 1758)
Quercus robur: Csóka, 1991
Acronicta rumicis (Linnaeus, 1758)
Quercus petraea: Cs.Gy.
Acronicta tridens ([Denis – Schiffermüller], 1775)
Quercus robur: Cs.Gy.
Agrochola circellaris (Hufnagel, 1766)
Quercus sp.: Nowacki, 1998
Agrochola helvola (Linnaeus, 1758)
Quercus sp.: Patočka et al 1999
Agrochola laevis (Hübner, [1803])
Quercus sp.: Patočka et al 1999
Agrochola macilenta (Hübner, [1809])
Quercus sp.: Patočka et al 1999
Agrotis exclamationis (Linnaeus, 1758)
Quercus robur: Cs.Gy.
Agrotis segetum ([Denis – Schiffermüller], 1775)
Quercus robur: Cs.Gy.
Agrotis vestigialis (Hufnagel, 1766)
Quercus robur: Cs.Gy.
Amphipyra berbera Rungs, 1949
Quercus robur: Cs.Gy.
Amphipyra pyramidea (Linnaeus, 1758)
Quercus petraea: Csóka, 1991
Quercus robur: Csóka, 1991
Astiotes dilecta (Hübner, [1808])
Quercus sp.: Nowacki, 1998
Bena prasinana (Linnaeus, 1758)
Quercus pubescens: Csóka, 1991
Quercus robur: Csóka, 1991
Brachionycha nubeculosa (Esper, 1785)
Quercus cerris: Cs.Gy.
Brachionycha sphinx (Hufnagel, 1766)
Quercus cerris: Csóka, 1991
Catephia alchymista ([Denis – Schiffermüller], 1775)
Quercus sp.: Patočka et al 1999
Catocala conversa (Esper, [1787])
Quercus sp.: Nowacki, 1998

Noctuidae

- Catocala nymphagoga* (Esper, [1787])
Quercus cerris: Herczig et al. 1980, Cs.Gy.
Quercus petraea: Sz.Cs.
Quercus pubescens: Cs.Gy.
- Catocala promissa* ([Denis – Schiffermüller], 1775)
Quercus robur: Csóka, 1991
- Catocala sponsa* (Linnaeus, 1767)
Quercus petraea: Cs.Gy.
Quercus robur: Cs.Gy.
- Colocasia coryli* (Linnaeus, 1758)
Quercus petraea: Csóka, 1991
- Conistra erythrocephala* ([Denis – Schiffermüller], 1775)
Quercus sp.: Patočka et al 1999
- Conistra vaccinii* (Linnaeus, 1761)
Quercus petraea: Csóka, 1991
Quercus robur: Csóka, 1991
- Cosmia pyralina* ([Denis – Schiffermüller], 1775)
Quercus sp.: Patočka et al 1999
- Cosmia trapezina* (Linnaeus, 1758)
Quercus petraea: Csóka, 1991
Quercus robur: Csóka, 1991, Sz.Cs.
- Dichonia aeruginea* (Hübner, [1808])
Quercus pubescens: Patočka et al 1999
- Dichonia aprilina* (Linnaeus, 1758)
Quercus petraea: Cs.Gy.
- Dichonia convergens* ([Denis – Schiffermüller], 1775)
Quercus petraea: Cs.Gy.
- Dicycla oo* (Linnaeus, 1758)
Quercus cerris: Herczig et al. 1980
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy., Sz.Cs.
- Dryobotodes eremita* (Fabricius, 1775)
Quercus cerris: Herczig et al. 1980
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
- Dryobotodes monochroma* (Esper, [1790])
Quercus cerris: Patočka et al 1999
Quercus pubescens: Patočka et al 1999
- Eupsilia transversa* (Hufnagel, 1766)
Quercus cerris: Cs.Gy.
Quercus petraea: Cs.Gy.
Quercus robur: Cs.Gy.
- Herminia grisealis* ([Denis – Schiffermüller], 1775)
Quercus sp.: Patočka et al 1999
- Jodia croceago* ([Denis – Schiffermüller], 1775)
Quercus petraea: Cs.Gy.
- Lithophane hepatica* Clerk, 1759
Quercus sp.: Nowacki, 1998
- Lithophane ornitopus* (Hufnagel, 1766)
Quercus sp.: Patočka et al 1999
- Lithophane semibrunnea* (Haworth, 1809)
Quercus sp.: Koch, 1988
- Mamestra brassicae* (Linnaeus, 1758)
Quercus cerris: Herczig et al. 1980
- Mesogona acetosellae* ([Denis – Schiffermüller], 1775)
Quercus sp.: Patočka et al 1999
- Minucia lunaris* (Denis – Schiffermüller, 1775)
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
- Moma alpium* (Osbeck, 1778)
Quercus sp.: Patočka et al 1999
- Nycteola revayana* (Scopoli, 1772)
Quercus sp.: Patočka et al 1999
- Orthosia cerasi* (Fabricius, 1775)
Quercus petraea: Cs. Gy.
Quercus pubescens: Cs.Gy.
Quercus robur: Mészáros, 1974
- Orthosia cruda* ([Denis – Schiffermüller], 1775)
Quercus petraea: Csóka, 1991
Quercus pubescens: Cs.Gy.
Quercus robur: Mészáros, 1974
- Orthosia gothica* ([Denis – Schiffermüller], 1775)
Quercus petraea: Csóka, 1991
Quercus robur: Csóka, 1991
- Orthosia gracilis* ([Denis – Schiffermüller], 1775)
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
- Orthosia incerta* (Hufnagel, 1766)
Quercus cerris: Cs.Gy.
Quercus petraea: Csóka, 1991
Quercus pubescens: Sz.Cs.
Quercus robur: Cs.Gy.
- Orthosia miniosa* ([Denis – Schiffermüller], 1775)
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
- Orthosia munda* ([Denis – Schiffermüller], 1775)
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
- Paracolax tristalis* (Fabricius, 1794)
Quercus sp.: Nowacki, 1998
- Polypogon strigilata* (Linnaeus, 1758)
Quercus sp.: Patočka et al 1999
- Prodotis stolidia* (Fabricius, 1775)
Quercus sp.: Nowacki, 1998
- Pseudoips fagana* (Fabricius, 1781)
Quercus petraea: Cs.Gy.
Quercus pubescens: Sz.Cs.
- Rileyana fovea* (Treitschke, 1825)
Quercus pubescens: Patočka et al 1999
- Spudaea rutila* (Esper, [1791])
Quercus sp.: Koch, 1988
- Trisateles emortualis* ([Denis – Schiffermüller], 1775)
Quercus sp.: Patočka et al 1999

Xanthia aurago ([Denis – Schiffermüller], 1775)
Quercus petraea: Cs.Gy.

Nolidae

Meganola strigula ([Denis – Schiffermüller], 1775)
Quercus sp.: Vojnits et al 1991
Meganola togatulalis Hübner, 1796
Quercus sp.: Vojnits et al 1991
Nola confusalis Herrich-Schäffer, 1847
Quercus sp.: Vojnits et al 1991

Notodontidae

Drymonia dodonea ([Denis – Schiffermüller], 1775)
Quercus petraea: Cs.Gy.
Quercus robur: Cs.Gy.
Drymonia melagona Borkhausen, 1790
Quercus sp.: Vojnits et al 1991
Drymonia querna ([Denis – Schiffermüller], 1775)
Quercus petraea: Cs.Gy.
Quercus pubescens: Sz.Cs.
Quercus robur: Cs.Gy.
Drymonia ruficornis Hufnagel, 1766
Quercus robur: Cs.Gy.
Euchila palpina Linnaeus, 1758
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
Furcula furcula Clerck, 1759
Quercus robur: Cs.Gy.
Harpya milhauseri Fabricius, 1775
Quercus pubescens: Cs.Gy.
Quercus robur: Cs.Gy.
Notodonta dromedarius Linnaeus 1758
Quercus robur: Cs.Gy.
Ochrostigma velitaris Hufnagel, 1766
Quercus sp.: Vojnits et al 1991
Peridea anceps Goeze, 1781 *Quercus*
Quercus robur: Cs.Gy.
Phalera bucephala Linnaeus, 1758
Quercus castaneifolia: Csóka – Hirka, 2002
Quercus cerris: Csóka, 1991
Quercus petraea: Csóka, 1991
Quercus pubescens: Cs.Gy., Sz.Cs.
Quercus robur: Szeőke, 1982, Csóka, 1991
Quercus rubra: Cs.Gy.
Phalera bucephaloides Ochsenheimer, 1810
Quercus pubescens: Csóka, 1991
Ptilodon capucina Linnaeus, 1758
Quercus robur: Szeőke, 1982, Csóka, 1991

Spatalia argentina ([Denis – Schiffermüller], 1775)
Quercus petraea: Cs.Gy.
Quercus robur: Cs.Gy.
Stauropus fagi Linnaeus, 1758
Quercus cerris: Cs.Gy.
Quercus petraea: Cs.Gy.
Quercus pubescens: Sz.Cs.

Oecophoridae

Carcina quercana (Fabricius, 1775)
Quercus cerris: Cs.Gy.
Quercus frainetto: Cs.Gy.
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy., Sz.Cs.
Quercus robur: Cs.Gy.

Pyralidae

Acrobasis consociella (Hübner, 1813)
Quercus cerris: Cs.Gy.
Quercus petraea: Cs.Gy.
Quercus sp.: Mészáros, 1972
Acrobasis glaucella Staudinger, 1859
Quercus cerris: Patočka et al 1999
Acrobasis sodalella Zeller, 1848
Quercus cerris: Stubnya 1955, Cs.Gy.
Quercus petraea: Cs.Gy.
Agrotera nemoralis (Scopoli, 1763)
Quercus sp.: Slamka, 1997
Conobathra repandana (Fabricius, 1798)
Quercus cerris: Niklos 1917, Cs.Gy.
Quercus robur: Patočka et al 1999
Conobathra tumidana ([Denis – Schiffermüller], 1775)
Quercus cerris: Szabóky, 2002
Quercus sp.: Mészáros, 1972
Cryptoblabes bistriga (Haworth, 1811)
Quercus sp.: Emmet 1988
Elegia similella (Zincken, 1818)
Quercus sp.: Patočka et al 1999
Phycita roborella ([Denis – Schiffermüller], 1775)
Quercus pubescens: Sz.Cs.
Quercus robur: Cs.Gy.
Quercus sp.: Mészáros, 1972

Sessiidae

Paranthrene insolita Le Cerf, 1914
Quercus pubescens: Szabóky, 2002
Synanthedon conopiformis (Esper, 1782)
Quercus sp.: Laštůvka – Laštůvka, 2001;
Patočka et al 1999
Synanthedon vespiformis (Linnaeus, 1761)
Quercus cerris: Cs.Gy.
Quercus petraea: Cs.Gy.
Synanthedon spuleri (Fuchs, 1908)

Quercus sp.: Laštůvka – Laštůvka, 2001

Sphingidae

Marumba quercus Linnaeus, 1758

Quercus petraea: Cs.Gy.

Quercus pubescens: Cs.Gy., Sz.Cs.

Quercus robur: Cs.Gy.

Mimas tiliae Linnaeus, 1758

Quercus robur: Cs.Gy.

Saturniidae

Aglia tau Linnaeus, 1758

Quercus petraea: Cs.Gy.

Antheraea yamamay Guerin-Meneville

Quercus robur: Csóka, 1991

Eudia pavonia Linnaeus, 1758

Quercus cerris: Csóka, 1991

Quercus robur: Szeőke, 1982

Thaumetopoeidae

Thaumetopoea processionea Linnaeus, 1758

Quercus cerris: Cs.Gy., Sz.Cs.

Quercus petraea: Cs.Gy., Sz.Cs.

Quercus robur: Csóka, 1991

Thyatiridae

Asphalia ridens Fabricius, 1787

Quercus petraea: Herczig et al. 1980

Asphalia ruficollis Fabricius, 1887

Quercus sp.: Vojnits et al 1991

Cymatophorima diluta ([Denis – Schiffermüller], 1775)

Quercus cerris: Herczig et al. 1980

Quercus petraea: Cs.Gy.

Quercus pubescens: Cs.Gy.

Quercus sp.: Mészáros, 1981

Tethea duplaris Linnaeus, 1761

Quercus petraea: Cs.Gy.

Tischeriidae

Tischeria decidua Wocke, 1876

Quercus castaneifolia: Csóka – Hirka, 2002

Quercus coccinea: Csóka – Hirka, 2002

Quercus libani: Csóka – Hirka, 2002

Quercus macranthera: Csóka – Hirka, 2002

Quercus petraea: Cs. Gy

Quercus robur: Cs. Gy.

Tischeria dodonea Stainton, 1858

Quercus cerris: Szőcs, 1971

Quercus petraea: Cs.Gy.

Quercus pubescens: Cs.Gy.

Tischeria ekebladella (Bjerkander, 1795)

Quercus alba: Csóka – Hirka, 2002

Quercus castaneifolia: Csóka – Hirka, 2002

Quercus cerris: Szőcs, 1963, Cs.Gy.

Quercus dentata: Csóka – Hirka, 2002

Quercus imricaria: Csóka – Hirka, 2002

Quercus libani: Csóka – Hirka, 2002

Quercus macranthera: Csóka – Hirka, 2002

Quercus macrocarpa: Csóka – Hirka, 2002

Quercus petraea: Szőcs, 1963, Cs.Gy., Sz.Cs.

Quercus pontica: Csóka – Hirka, 2001

Quercus pubescens: Cs.Gy.

Quercus robur: Szőcs, 1963, Cs.Gy.

Quercus rubra: Csóka – Hirka, 2002

Quercus schumardii: Csóka – Hirka, 2002

Quercus velutina: Csóka – Hirka, 2002

Tortricidae

Acleris ferrugana ([Denis – Schiffermüller], 1775)

Quercus sp.: Patočka et al 1999

Acleris literana (Linnaeus, 1758)

Quercus sp.: Patočka et al 1999

Acleris quercinana (Zeller, 1849)

Quercus sp.: Razowski, 2001

Acleris rhombana ([Denis – Schiffermüller], 1775)

Quercus sp.: Patočka et al 1999

Acleris sparsana ([Denis et Schiffermüller], 1775)

Quercus sp.: Patočka et al 1999

Aleimma loeflingianum (Linnaeus, 1758)

Quercus petraea: Szontagh 1973, Cs.Gy.

Quercus pubescens: Szontagh 1973, Cs.Gy., Sz.Cs.

Quercus sp.: Mészáros 1972

Ancylis mitterbacheriana ([Denis – Schiffermüller], 1775)

Quercus petraea: Cs.Gy.

Quercus pubescens: Sz.Cs.

Quercus robur: Cs.Gy.

Archips crataegana (Hübner, 1799)

Quercus pubescens: Cs.Gy.

Archips podana (Scopoli, 1763)

Quercus petraea: Cs.Gy.

Archips rosana (Linnaeus, 1758)

Quercus petraea: Cs.Gy.

Archips xylosteana (Linnaeus, 1758)

Quercus cerris: Cs.Gy.

Quercus petraea: Szontagh 1973, Cs.Gy.

Quercus pubescens: Szontagh 1973, Cs.Gy., Sz.Cs.

Quercus robur: Cs.Gy.

Quercus rubra: Cs.Gy.

Choristoneura hebenstreitella (Müller, 1764)

Quercus pubescens: Herczig et al. 1980

Cydia amplana (Hübner, 1799)

Quercus cerris: Hirka, 2003

Quercus petraea: Hirka, 2003

Quercus pubescens: Hirka, 2003

Quercus robur: Hirka, 2003

- Cydia triangulella* (Goeze, 1783)
Quercus coccinea: Csóka – Hirka, 2002
Quercus frainetto: Hirka, 2003
Quercus ilicifolia: Hirka, 2003
Quercus palustris: Csóka – Hirka, 2002
Quercus petraea: Cs.Gy., Sz.Cs.
Quercus pubescens: Cs.Gy., Sz.Cs.
Quercus robur: Cs.Gy.
Quercus rubra: Csóka – Hirka, 2002
Quercus velutina: Hirka, 2003
Quercus sp.: Szöcs, 1963,
Epinotia festivana (Hübner, 1799)
Quercus pubescens: Cs.Gy.
Eudemis profundana ([Denis et Schiffermüller], 1775)
Quercus petraea: Cs.Gy.
Eulia ministrana (Linnaeus, 1758)
Quercus sp.: Razowski, 2001
Gypsonoma dealbana (Frölich, 1828)
Quercus sp.: Patočka et al 1999
Orthotaenia undulana ([Denis – Schiffermüller], 1775)
Quercus sp.: Patočka et al 1999
Pammene albuginana (Guenée, 1845)*
Quercus sp.: Razowski, 2001
Pammene amygdalana (Duponchel, 1843)*
Quercus cerris: Cs.Gy.
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
Quercus robur: Cs.Gy.
Pammene fasciana (Linnaeus, 1761)
Quercus cerris: Hirka, 2003
Quercus petraea: Hirka, 2003
Quercus pubescens: Hirka, 2003
Quercus sp.: Szöcs, 1963,
Pammene gallicolana Lienig et Zeller, 1846*
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
Quercus robur: Cs.Gy.
Pammene giganteana (Peyerimhoff, 1863)*
Quercus robur: Cs.Gy.
Pammene insulana (Guenée, 1845)*
Quercus sp.: Razowski, 2001
Pammene querceti (Gozmány, 1957)*
Quercus pubescens: Razowski, 2001
Pammene splendidulana (Guenée, 1845)
Quercus sp.: Patočka et al 1999
Pandemis cerasana (Hübner, 1796)
Quercus petraea: Cs.Gy.
Pandemis corylana (Fabricius, 1794)
Quercus petraea: Cs.Gy.
Pandemis heparana ([Denis – Schiffermüller], 1775)
Quercus petraea: Cs.Gy.
Paramesia gnomana (Clerk, 1759)
Quercus sp.: Patočka et al 1999
Pseudeulia asinana (Hübner, 1799)
Quercus sp.: Patočka et al 1999
- Ptycholoma lecheana* (Linnaeus, 1758)
Quercus petraea: Cs.Gy.
Strophedra nitidana (Fabricius, 1794)
Quercus sp.: Patočka et al 1999
Spilota ocellana ([Denis – Schiffermüller], 1775)
Quercus sp.: Patočka et al 1999
Syndemis musculana (Hübner, 1799)
Quercus sp.: Patočka et al 1999
Tortricodes alternella ([Denis – Schiffermüller], 1775)
Quercus petraea: Cs.Gy.
Quercus pubescens: Sz.Cs.
Tortrix viridana Linnaeus, 1758
Quercus frainetto: Cs.Gy.
Quercus macranthera: Cs.Gy.
Quercus petraea: Szontagh 1973, Mészáros 1981, Cs.Gy., Sz.Cs.
Quercus pubescens: Cs.Gy., Sz.Cs.
Quercus robur: Cs.Gy.
Quercus sp.: Mészáros, 1972, 1974
Zeiraphera isertana (Fabricius, 1794)
Quercus petraea: Cs.Gy.
- Ypsolophidae**
Ypsolopha alpella ([Denis – Schiffermüller], 1775)
Quercus cerris: Patočka et al 1999
Quercus petraea: Cs.Gy.
Quercus pubescens: Cs.Gy.
Quercus sp.: Mészáros, 1972
Ypsolopha lucella (Fabricius, 1775)
Quercus sp.: Patočka et al 1999
Ypsolopha paranthessella (Linnaeus, 1767)
Quercus petraea: Patočka et al 1999
Ypsolopha sylvella (Linnaeus, 1767)
Quercus petraea: Cs.Gy.
Ypsolopha ustella (Clerk, 1759)
Quercus petraea: Sz.Cs.
Quercus pubescens: Sz.Cs.
- Zygaenidae**
Rhagades pruni ([Denis – Schiffermüller], 1775)
Quercus sp.: Patočka et al 1999

4 DISCUSSION

As can be seen in *Table 1*, 308 lepidopteran species belonging to 32 families are known to feed on oaks. In the case of 51.6 % (159 species) the authors present own original rearing data. Original Hungarian rearing data from literature are available for 30.2 % (93 species). In the case of 31.2% (96 species) records were obtained from foreign literature. Only one species of this 96 is covered by both Hungarian and foreign references. This is because the foreign reference records hostplants different from the one in the Hungarian reference. 69.2% of the 308 species (213 species) were put on the list based on original Hungarian data.

Table 1. Distribution of the data in the checklist according to their origin (number of species by families and origin of the data)

	Author's original data	Original Hungarian data	Foreign literature data	Total
<i>Arctiidae</i>	3	0	0	3
<i>Bucculatricidae</i>	0	1	0	1
<i>Chimabachidae</i>	1	0	0	1
<i>Coleophoridae</i>	1	5	0	6
<i>Cosmopterygidae</i>	0	0	1	1
<i>Cossidae</i>	2	0	0	2
<i>Drepanidae</i>	3	1	0	4
<i>Eriocraniidae</i>	0	0	1	1
<i>Gelechiidae</i>	2	0	6	8
<i>Geometridae</i>	30	5	28	63
<i>Gracillariidae</i>	5	14	0	16
<i>Heliozelidae</i>	0	1	0	1
<i>Incurvariidae</i>	0	1	0	1
<i>Lasiocampidae</i>	9	6	0	12
<i>Limacodidae</i>	1	0	1	2
<i>Lycaenidae</i>	2	1	0	2
<i>Lymantriidae</i>	9	8	0	11
<i>Nepticulidae</i>	2	17	3	21
<i>Noctuidae</i>	34	7	26	62
<i>Nolidae</i>	0	3	0	3
<i>Notodontidae</i>	13	4	0	15
<i>Oecophoridae</i>	1	0	0	1
<i>Pyalidae</i>	4	4	5	9
<i>Sessiidae</i>	2	0	2	4
<i>Sphingidae</i>	2	0	0	2
<i>Saturniidae</i>	3	1	0	3
<i>Thaumetopoeidae</i>	1	0	0	1
<i>Thyatiridae</i>	2	3	0	4
<i>Tischeriidae</i>	3	2	0	3
<i>Tortricidae</i>	20	7	17	39
<i>Ypsolophidae</i>	4	2	3	5
<i>Zygaenidae</i>	0	0	1	1
TOTAL	159	93	96	308

The numbers in the Total column do not necessary equal the sum of the numbers in the other 3 columns because some species can have data from more than one origin.

The presently listed species number exceeds the 292 species recorded by Csóka (1994, 1998) by 5.5% (16 species). In addition to the increase in the number of species, it is even more important that this list contains a much higher quantity of original rearing data. The information content and reliability of these data are much higher than in previous lists.

The 308 species is close to the 300 species (also including literature data) given by Patočka (1980), and significantly less than the 453 species given by Soria (1988) from Spain. But in case of the second reference the relative contributions of literature data and original data are not clear.

The main advantage of the original Hungarian data that in most case the exact species of hostplant is given, in contrast to foreign summarising works, which usually mention only *Quercus* as hostplant. This checklist gives considerable amount of data for the following 5 oak species. The numbers in brackets indicate the numbers given by Csóka (1994).

<i>Quercus cerris</i> :	65 (47)
<i>Quercus petraea</i> :	119 (67)
<i>Quercus pubescens</i> :	89 (45)
<i>Quercus robur</i> :	111 (68)
<i>Quercus rubra</i> :	16(6)

It means that during the last decade the number of species-level hostplant data has increased by more than 70 %.

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