

speciesname *Parnassius mnemosyne* fajnév **Kis apollólepke**
 melléklet **IV** speciescode **1056**

2.2 Published sources and/or websites

Pecsénye, K., Megléc, E., Kenyeres, Á. & Varga, Z. (2005): Population structure and enzyme polymorphism in three protected butterfly species in the Carpathian basin (*Parnassius mnemosyne*, *Euphydryas maturna*, *Aricia artaxerxes*). – In: Environmental Science and Technology in Hungary. Műszaki Könyvkiadó, Budapest, pp. 119-126
 Bálint, Zs. Gubányi, A., Pitter, G. (2007): Magyarország védett pillangóalakú lepkéinek katalógusa a Magyar Természettudományi Múzeum gyűjteménye alapján – A nappali lepkék elterjedése I. – MTM, Budapest 136 pp.
 Dietzel, Gy. (1997): A Bakony nappali lepkéi – A Bakony Természettudományi Kutatásának Eredményei 21. – Bakonyi Természettudományi Múzeum, Zirc 200 pp.
 Kovács, L. (1953): A magyarországi nagylepkék és elterjedésük – Folia Entomologica Hungarica VI. 76-164 p.
 Megléc, E., Pecsénye, K., Peregovits, L., Varga, Z. (1997): Effects of population size and habitat fragmentation on the genetic variability of *Parnassius mnemosyne* populations in NE Hungary – Acta Zoologica Academiae Scientiarum Hungaricae 43 (3). 183-190 p.
 Varga, Z. (1989): Lepkék (Lepidoptera). – In: Rakonczay, Z. (szerk.): Vörös Könyv, Akadémiai Kiadó, Budapest 188-244 p.

Range

2.3.1 Surface range of the species in km² 15000
 2.3.2 Date of range determination 2006
 2.3.3 Quality of data concerning range Poor e.g. based on very incomplete data or o
 2.3.4 Range trend Decreasing (-)
 2.3.5 Range trend magnitude in km² (optional)
 2.3.6 Range trend period 1950-2006

2.3.7 range-reasons

Direct human influence (restoration, deterioration, destruction)
Improved knowledge/more accurate data
Indirect anthropo(zoo)genic influence
Other (specify)

and/or specify

Genetikai elszegényedés: a síkvidéki állományok a faj elterjedésének peremén, határélőhelyeken fordulnak elő, gyakran erősen elszigetelten.

Population

2.4.1 Population size estimation (minimum) 161
 2.4.1 Population size estimation (maximum) 161
 2.4.1 Population units Number of localities
 2.4.2 Date of population estimation 2006
 2.4.3 Population-methods Based on expert opinion
 2.4.4 Quality of population data Poor e.g. based on ver
 2.4.5 Population trend Decreasing (-)
 2.4.6 Population trend magnitude (km²)
 2.4.7 Population trend period 1950-2006

2.4.8 Population-reasons

Direct human influence (restoration, deterioration, destruction)
Improved knowledge/more accurate data
Indirect anthropo(zoo)genic influence
Natural processes

and/or specify

2.4.10 Population-pressures

160 General Forestry management
164 - forestry clearance
165 - removal of forest undergrowth
810 Drainage
976 - damage by game species

2.4.11 Population-threats

160 General Forestry management
164 - forestry clearance
165 - removal of forest undergrowth
810 Drainage
976 - damage by game species

speciesname *Parnassius mnemosyne* fajnév **Kis apollólepke**
melléklet **IV** speciescode **1056**

Habitat

2.5.1 Habitats for the species Keltikével (Corydalis spp.) gazdagon borított aljnövényzetű domb és
2.5.2 Area estimation (km2) 7500
2.5.3 Date of estimation 2006
2.5.4 Quality of the data Poor e.g. based on very incomplete data
2.5.5 Trend of the habitat Decreasing (-)
2.5.6 Trend period 1950-2006

2.5.7 Habitat-reasons

Other (specify)

Direct human influence (restoration, deterioration, destruction)
Indirect anthropo(zoo)genic influence
Natural processes

Reference values

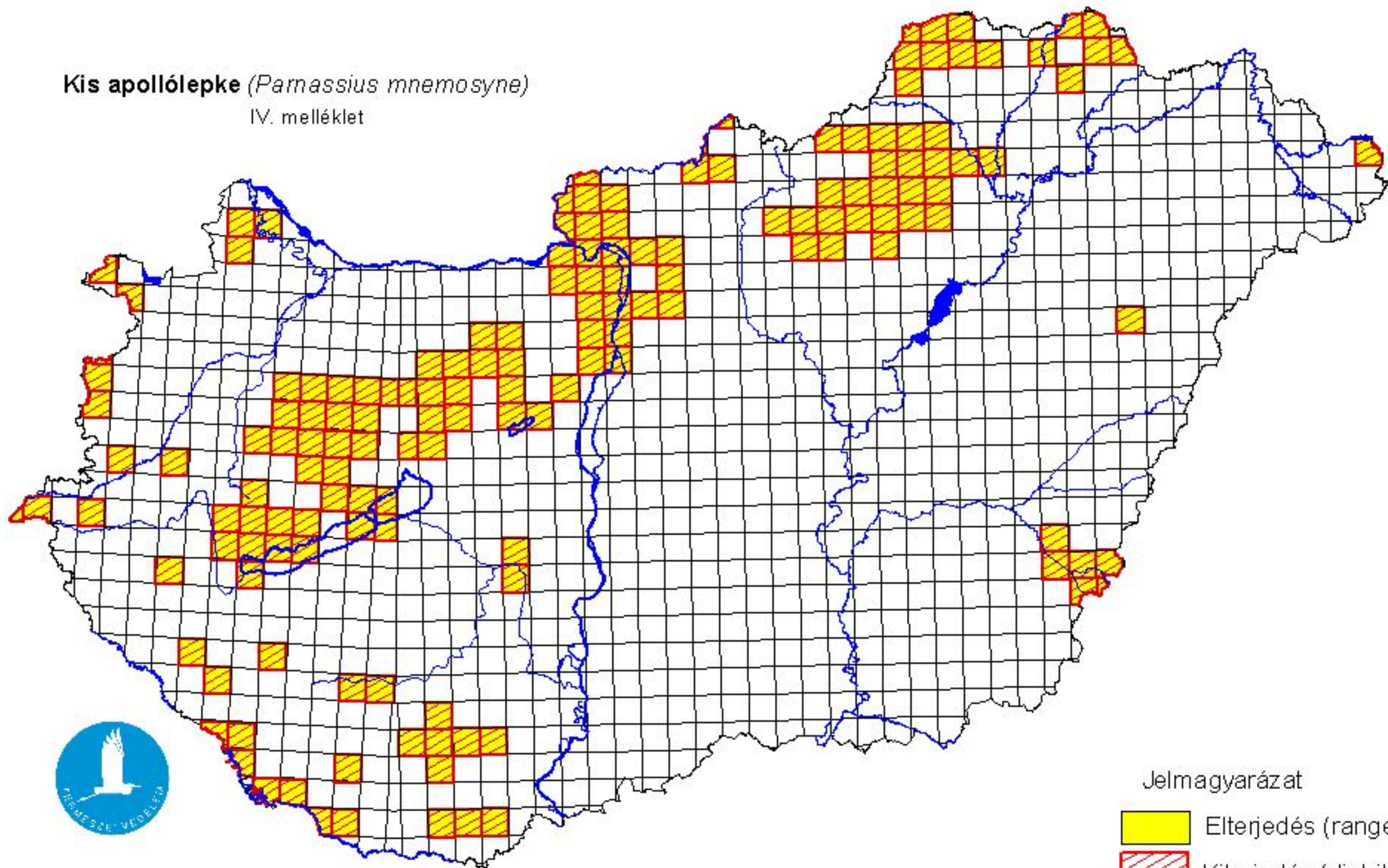
2.6 Future prospects for the species Good prospects - species expected to sur
2.7.1 Favourable reference range (km2) 15000
Qualifier More than
2.7.2 Favourable reference population 161
Qualifier More than
2.7.3 Suitable habitat for the species 0
2.7.4 Other relevant information (optional)

Conclusions

Conclusions: (2.3) Range Inadequate (U1)
Conclusions: (2.4) Population Inadequate (U1)
Conclusions: (2.5) Habitat for the species Inadequate (U1)
Conclusions: (2.6) Future prospects Inadequate (U1)
Conclusions: Overall assessment Inadequate (U1)



Térképmelléklet az élőhelyvédelmi irányelv 17. cikke alapján készített országjelentéshez
2007.

Kis apollólepke (*Parnassius mnemosyne*)
IV. melléklet



Forrás: KvVM-TKSZÁT

Jelmagyarázat

-  Elterjedés (range)
-  Kiterjedés (distribution)