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**مقایسه ریخت‌سنجی چرخ ریسک بزرگ
(Linnaeus, 1758) Parus major نور و همدان**

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Parus major

Past SPSS

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Parus major :

Morphometrical Comparison of Great tit *Parus major* (Linnaeus, 1758) in Noor and Hamedan

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Abstract

In order to survey on morphometrical differences, 28 great tit *Parus major* were caught during January 2002 to May 2003 from two localities, Noor forest park (Noor) and Abbasabad gardens in southern slope of Alvand mountain (Hamedan) by mist net and gun. 29 morphometric characters among two populations have been compared based on univariate and multivariate analyses using SPSS and Past. Comparing biometric and morphologic data revealed that, 16 characters among two populations show significant differences ($p < 0.05$). Final results from statistical analyses show that these populations are different and they are two ecotype.

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Keywords: Great tit, *Parus major*, Morphometric, Subspecies, Iran

Paridae *Parus major*
Passeriformes ()
P. caeruleus *P. ater* *P. major* :
() *P. flavipectus* *P. bokharensis* *P. lagubris*

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(*P. m. minor* ,*P. m. cinereus* ,*P. m. major*)

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major
cinereus
minor

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P. m. blanfordi

Witherby

minor major

Prazak

(.)

1. hybridization

Zarudny .()

P. m. karelini

Bilkevitch Zarudny .()

Stresemann .()

Snow .()

Vaurie .()

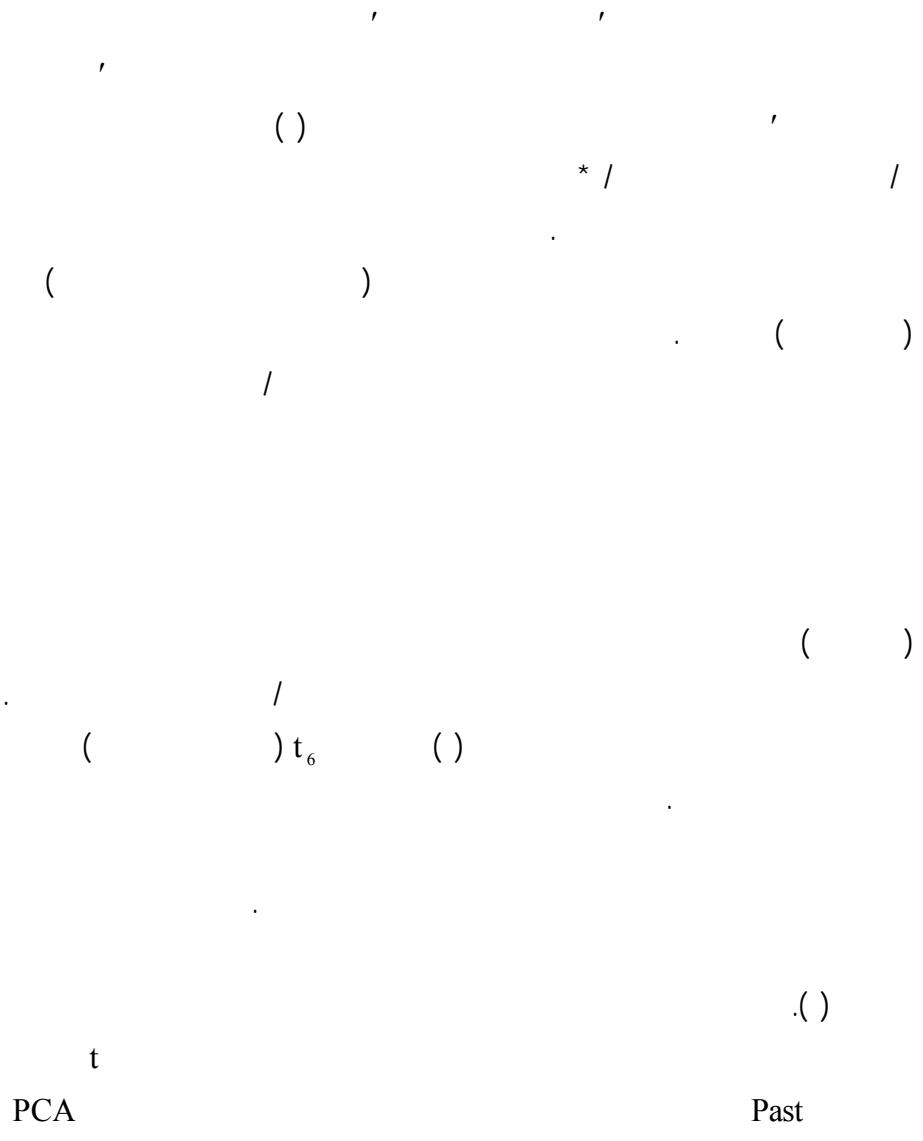
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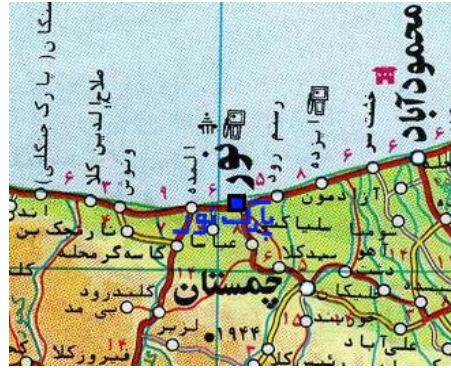
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1. Paleontological statistic
2. Principal Component Analysis



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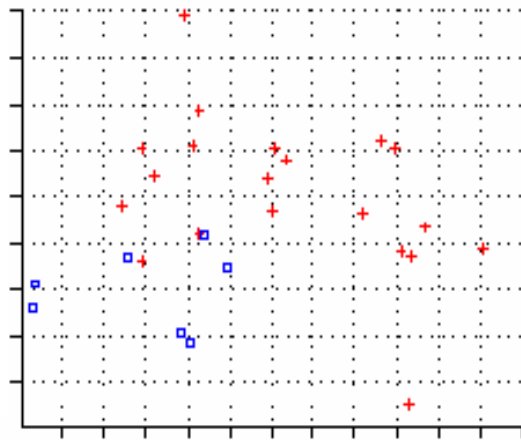
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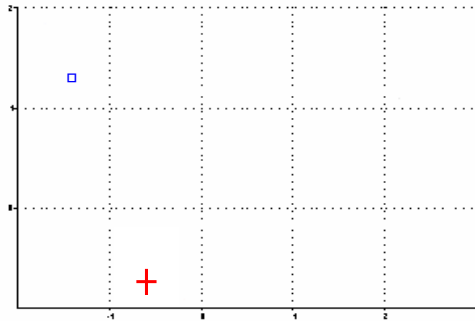
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(*cinereus minor major*)

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C. S. Roselaar

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