

Convegno regionale
“LE SCIENZE NATURALI IN PIEMONTE”
Asti, 12/11/2016

GLI ORTOTTERI

IN ITALIA NORD-OCCIDENTALE

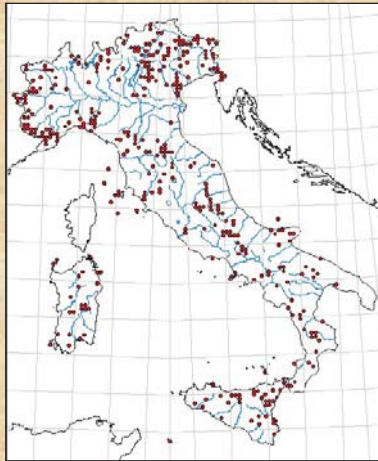
A cura di:

Paolo Savoldelli, Roberto Sindaco, Daniele Baroni e Marco Bonifacino



QUANTE SPECIE ?

- Nel Mondo: oltre 20.000
- In Europa: circa 1.000
- In Italia: circa 350
- In Italia NW: circa 150
- Fauna ricca e diversificata rispetto ad aree circostanti



LO STATO ATTUALE DELLE CONOSCENZE

Dubrony (1878): 69 specie per la Liguria e per poche località piemontesi

Griffini (1893 e altri 4): provincia Torino

De Carlini (1892): Val Vigizzo VB

Mei (1904): Alpi Marittime

Nadig (1918): alta Valsesia VC

Salfi (1932): P. N. del Gran Paradiso

Della Beffa (1948): alta Val Chisone TO

Baccetti (1963): l'Appennino ligure orient.

Capra & Carli (1969): Monte Fasce GE

Carli & Zunino (1974): Monte Beigua SV

Nadig (1976): Alpi liguri

Nadig (1986, 1987), La Greca (1986): riassumono le conoscenze sugli Ortoteri delle tre regioni.

CKMAP (2005): ORTOTTERI in Italia NW

1952 segnalazioni di cui

885 di collezione inediti e 1067 bibliografici



RICCHEZZA SPECIFICA
e GRADO di COPERTURA

LO STATO ATTUALE DELLE CONOSCENZE

Sindaco *et al.* (2012): Italia NW

Massa *et al.* (2012): Fauna d'Italia

Baroni (2015): Val di Cogne

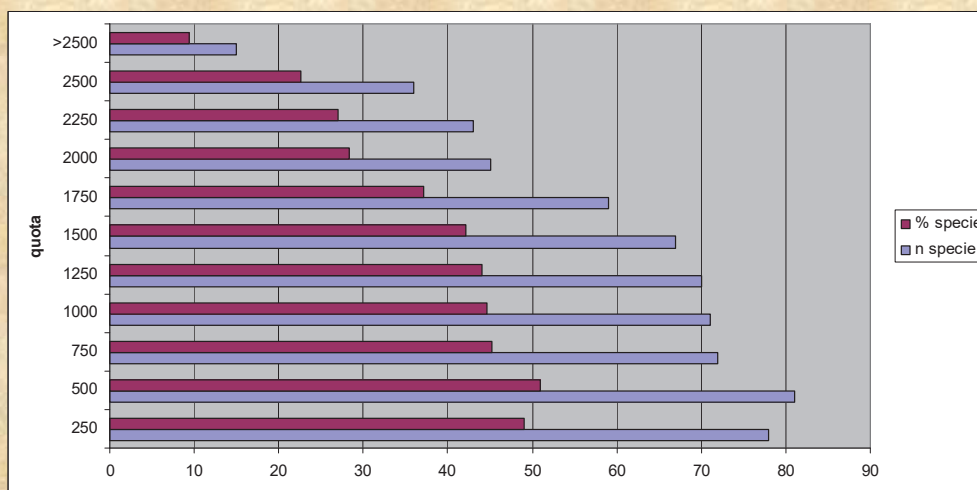
Battisti *et al.* (2016): Alpe Veglia e Devero

Giuliano *et al.* (in prep.): Orsiera e Foresto

9794 dati originali in Piemonte, Liguria e Val d'Aosta

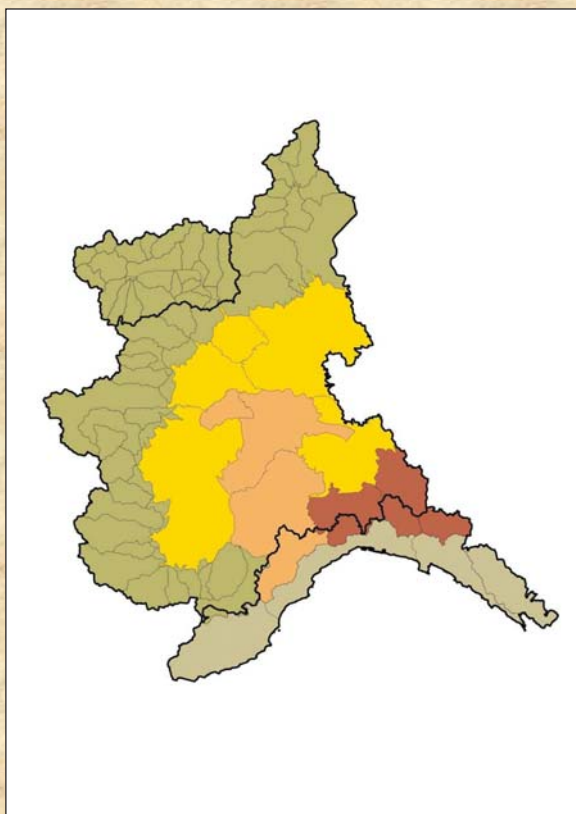
7408 dati originali dal 2006 in poi

DISTRIBUZIONE SPECIE PER FASCE ALTITUDINALI



AREA DI STUDIO

SETTORI GEOGRAFICI



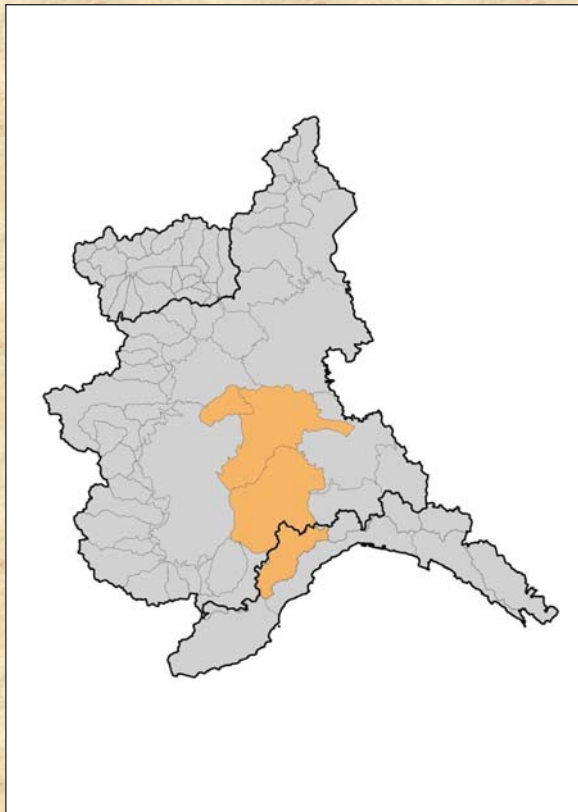
RILIEVI ALPINI: 115 (28)

PIANURA: 94 (5)

VERSANTE TIRRENICO: 93 (7)

APPENNINO: 90 (1)

RILIEVI COLLINARI: 76 (-)

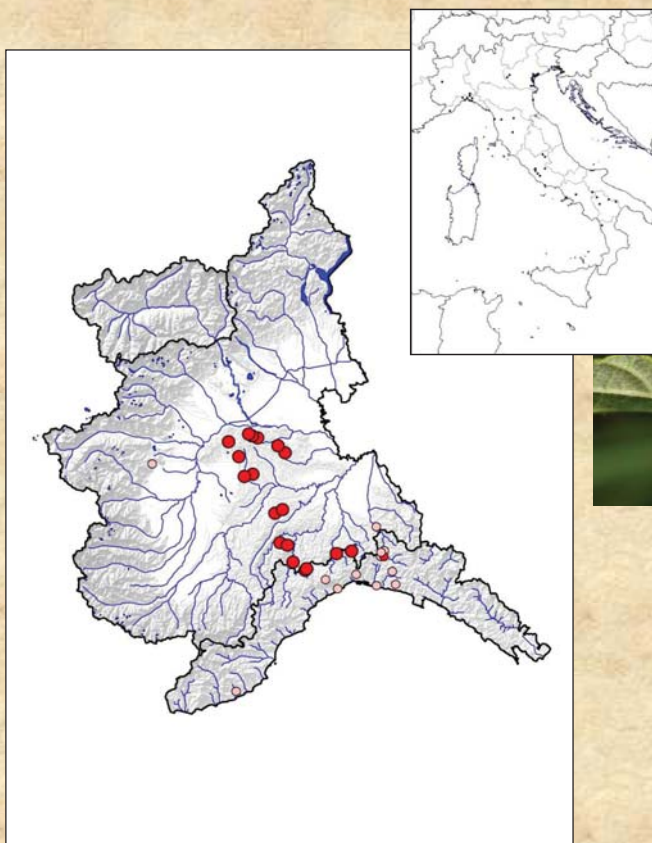


RILIEVI COLLINARI

- 76 specie di cui nessuna esclusiva

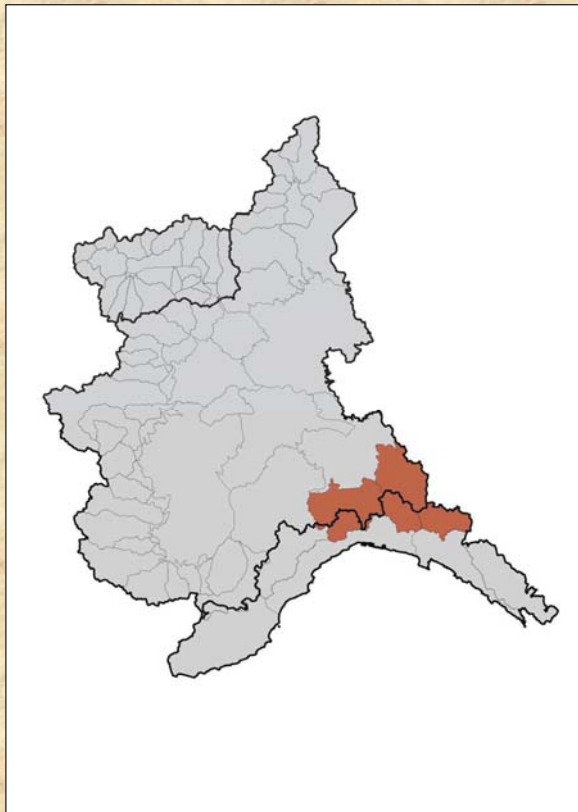
Rhacocleis germanica (AP, PI)

Platycleis romana (AP, PI, VT)



ITALIA E BALCANI





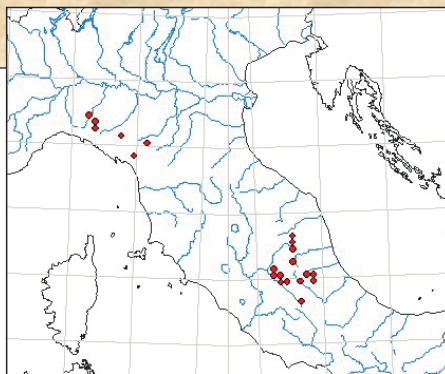
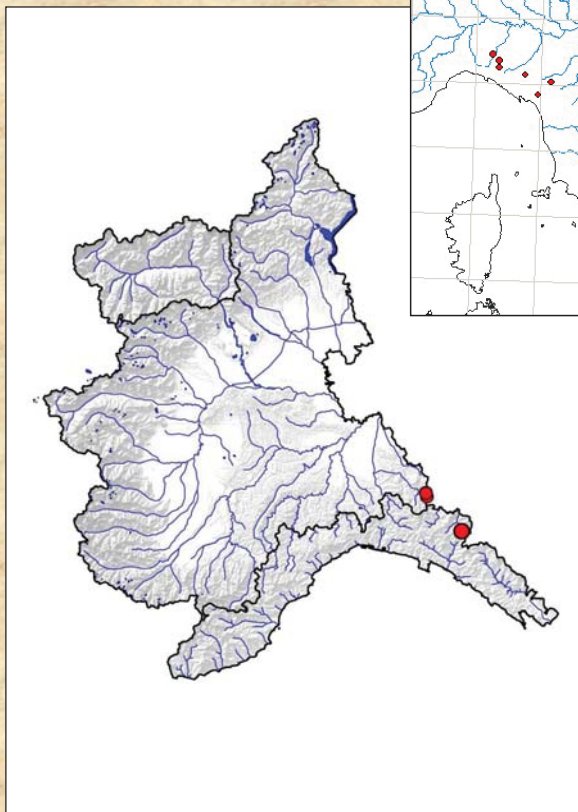
APPENNINO

- 90 specie di cui 1 esclusiva

Metrioptera caprai

Metaplastes pulchripennis (VT)

Poecilimon superbus (VT)

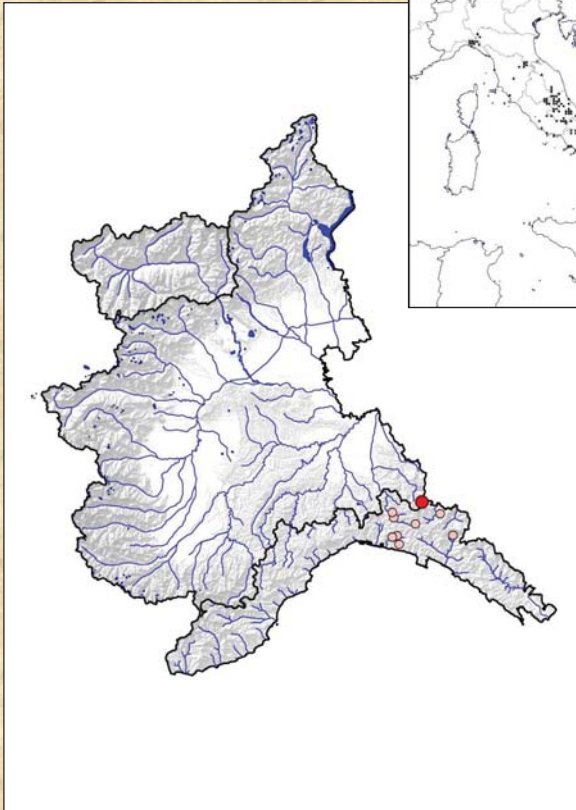


ENDEMICA italiana



Metrioptera caprai Baccetti, 1956

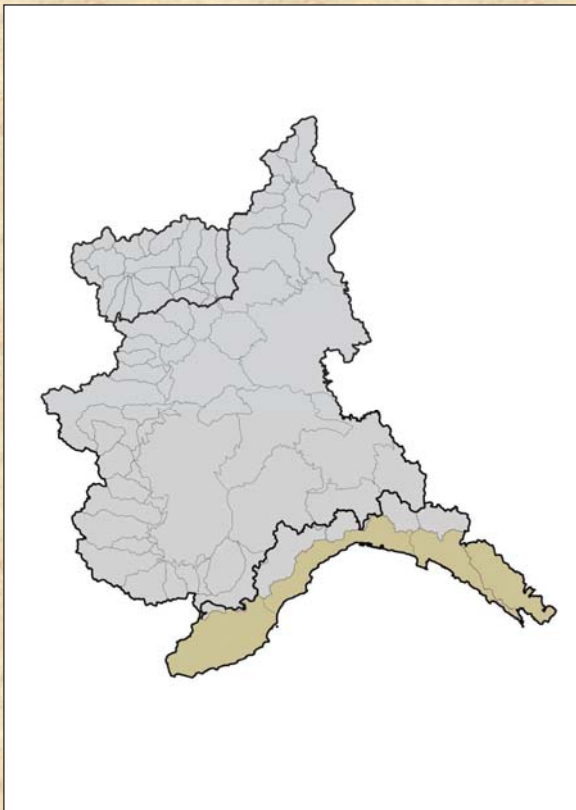
ENDEMICA italiana



Poecilimon superbus (Fischer, 1854)

VERSANTE TIRRENICO

- 93 specie di cui 7 esclusive
- Specie mediterranee



Acrometopa italica

Metaplastes pulchripennis (AP)

Cyrtaspis scutata (AP)

Platycleis intermedia (PI)

Rhacocleis tyrrhenica

Mogoplistes brunneus (AP)

Pseudomogoplistes squamiger

Myrmecophilus aequispina

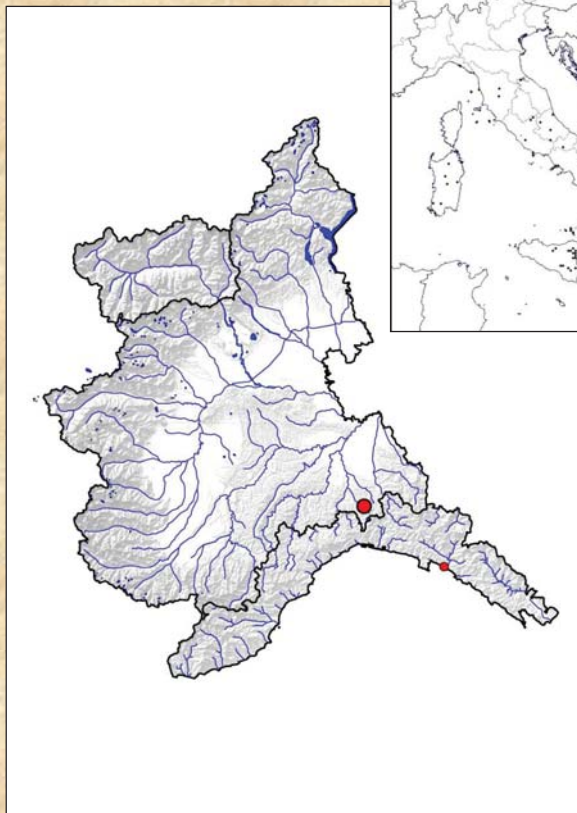
Gryllotalpa septemdecimchromosomica

Gryllotalpa viginti

Calliptamus barbarus (AP, RA)

Omocestus (Dirshius) raymondi

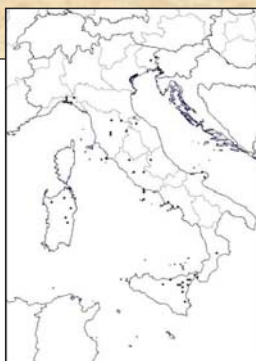
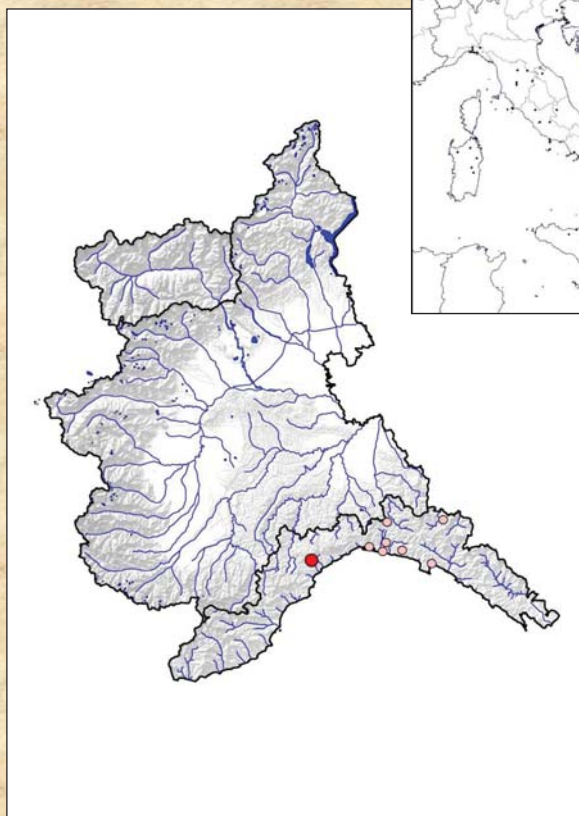
Chorthippus (Glyptobothrus) rubratibialis



**SPECIE DI DIFFICILE
CONTATTABILITA'**



Mogoplistes brunneus Serville, 1838

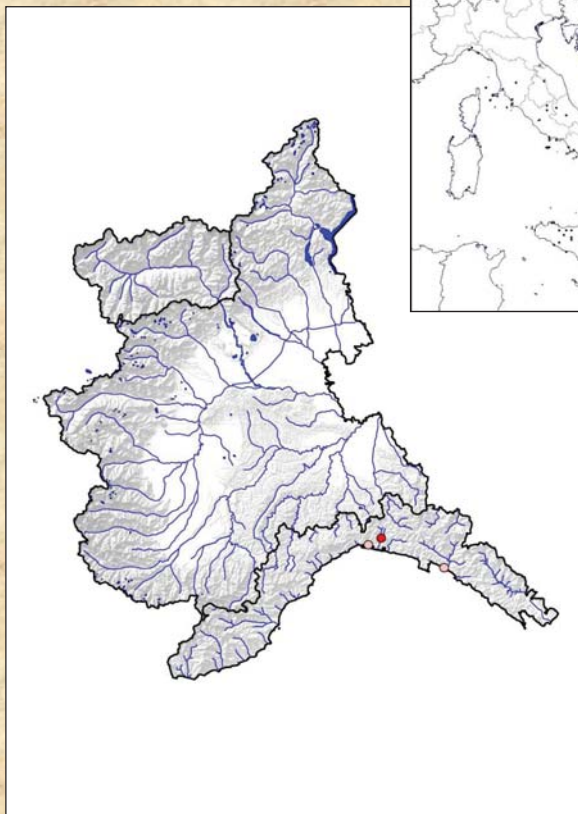


**SPECIE DI DIFFICILE
CONTATTABILITA'**



Cyrtaspis scutata (Charpentier, 1825)

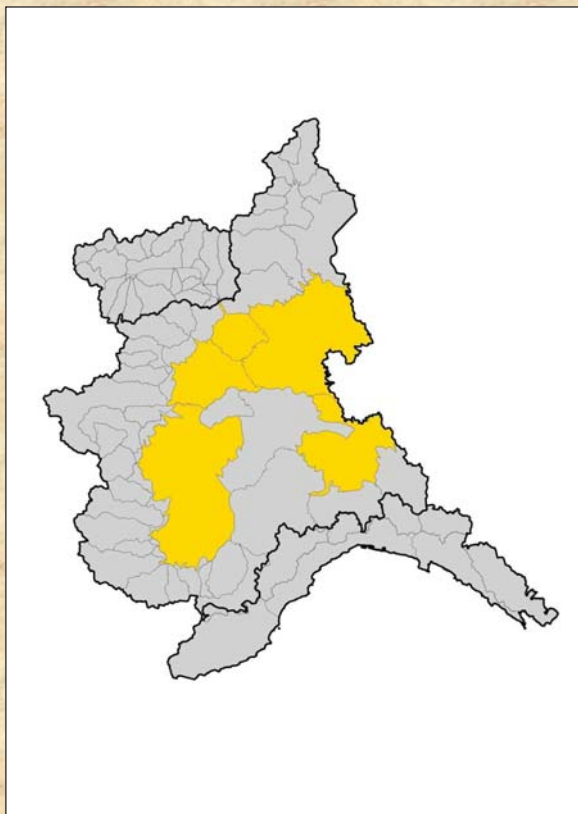
ENDEMICA italiana



Acrometopa italica Ramme, 1927

PIANURA

- 94 specie di cui 5 esclusive



Anisoptera dorsalis

Gryllomorphella uclensis

Pteronemobius lineolatus (RA, VT)

Gryllotalpa octodecim

Gryllotalpa sedecim

Tetrix tenuicornis (RA)

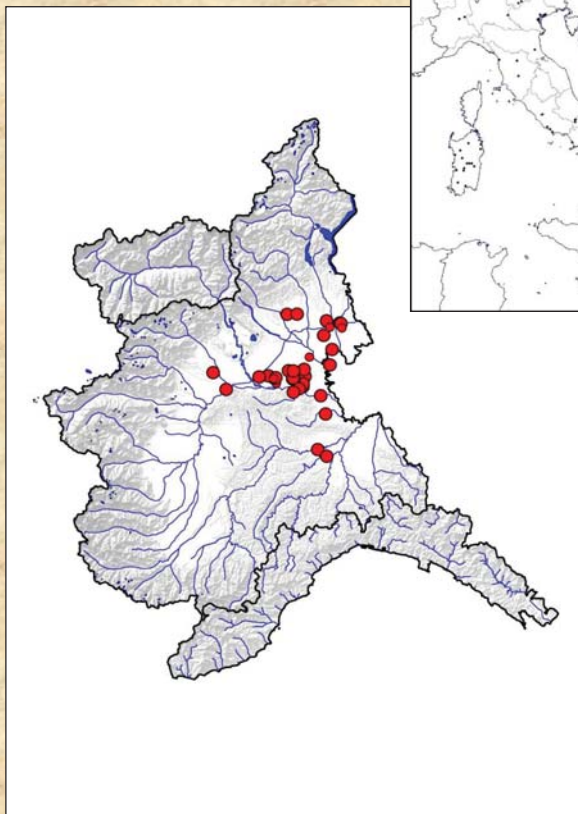
Tetrix tuerki (RA)

Xya variegata (AP, RA, RC)

Acrotylus insubricus (AP, RC, VT)

Paracinema tricolor

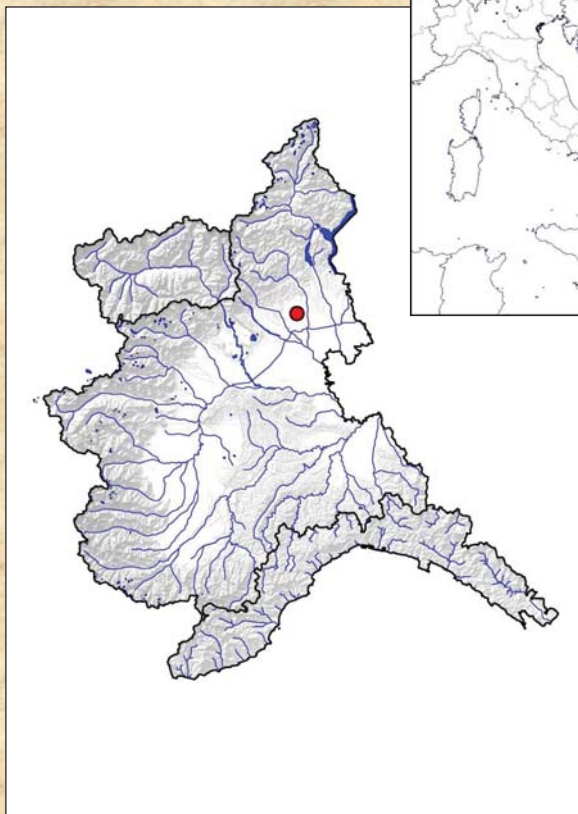
Dociostaurus genei (RA, RC)



SPECIE LOCALIZZATE



Paracinema tricolor (Thunberg, 1815)

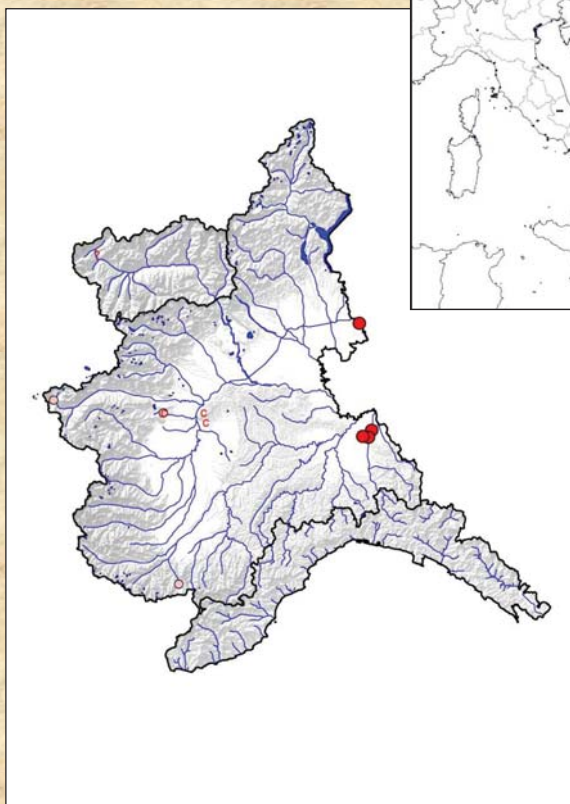


**SPECIE NUOVA
PER L'AREA DI STUDIO**



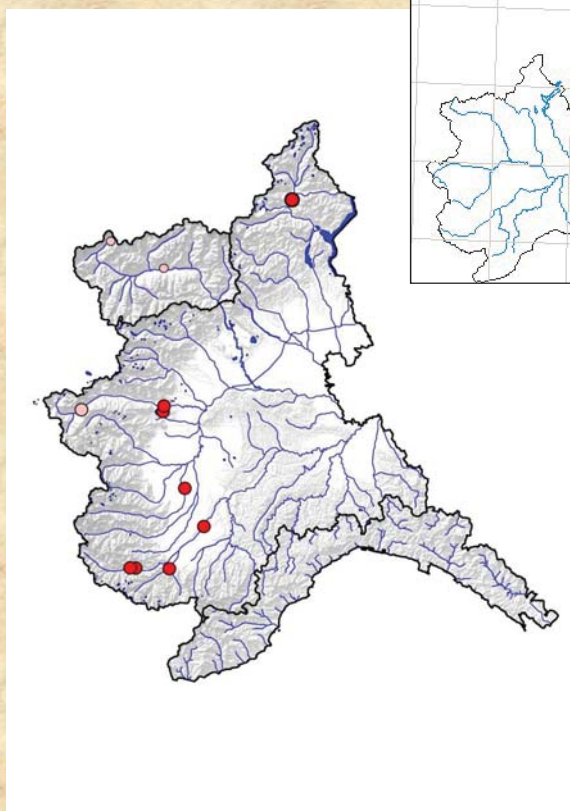
Anisoptera dorsalis (Latreille, 1804)

SPECIE RARE



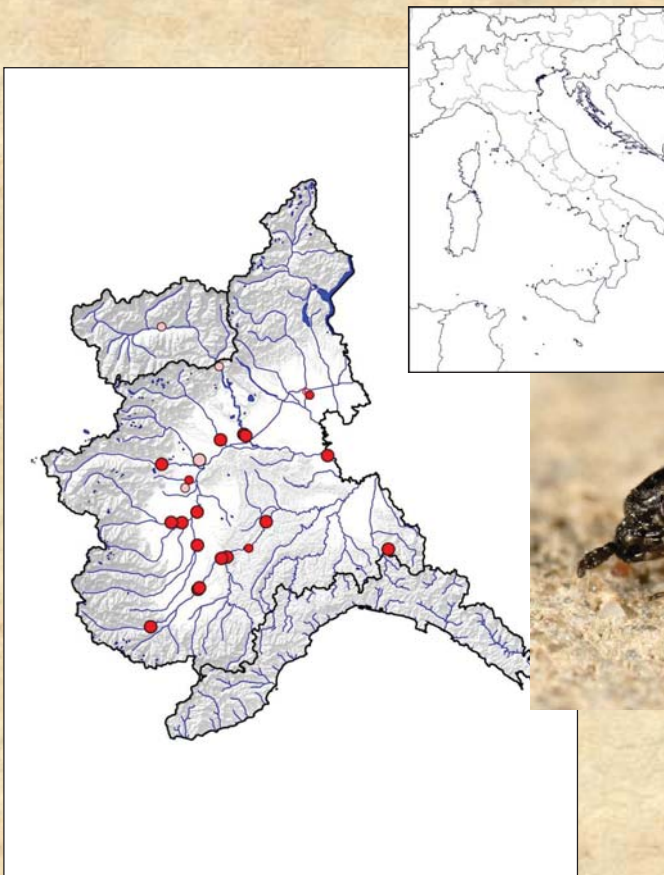
Dociostaurus genei (Ocskay, 1832)

SPECIE RARE



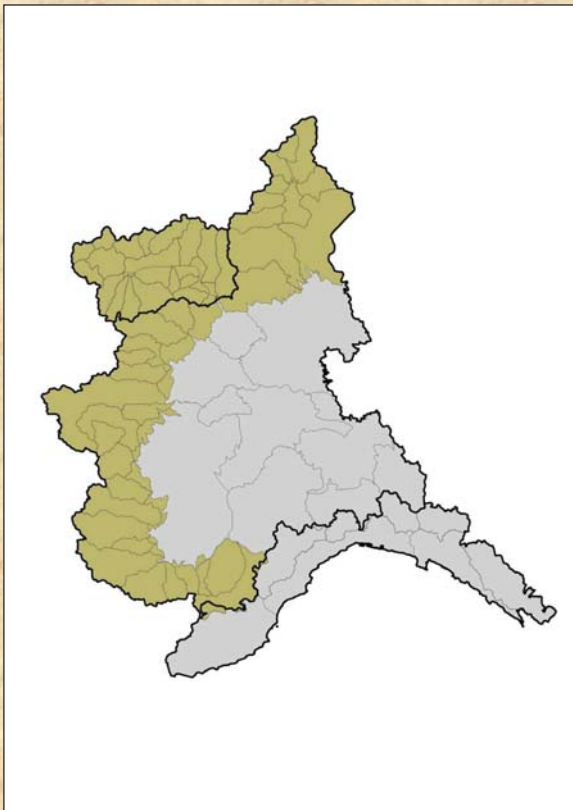
Tetrix tuerki (Krauss, 1876)

SPECIE RARE



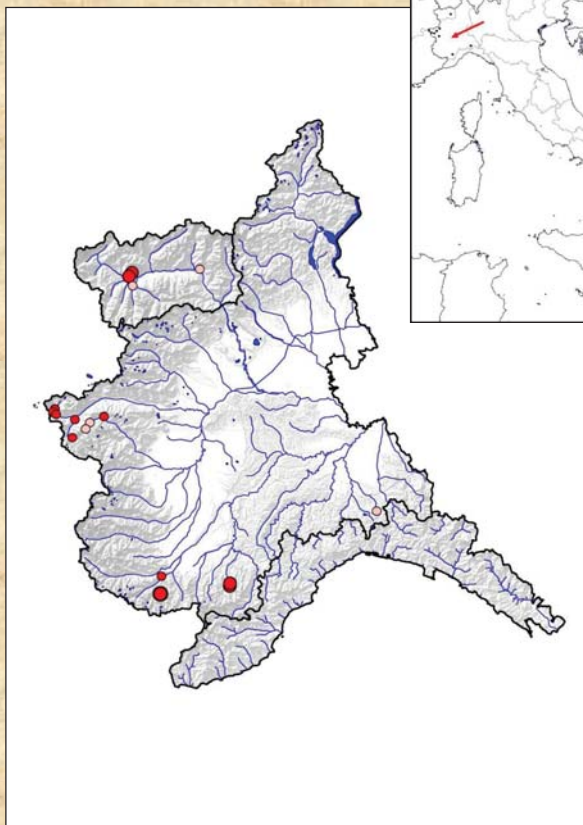
Xya variegata (Latreille, 1809)

RILIEVI ALPINI PREALPINI



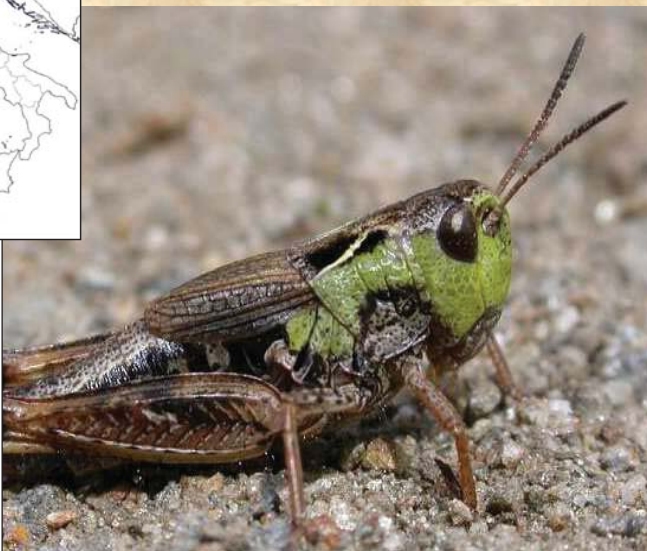
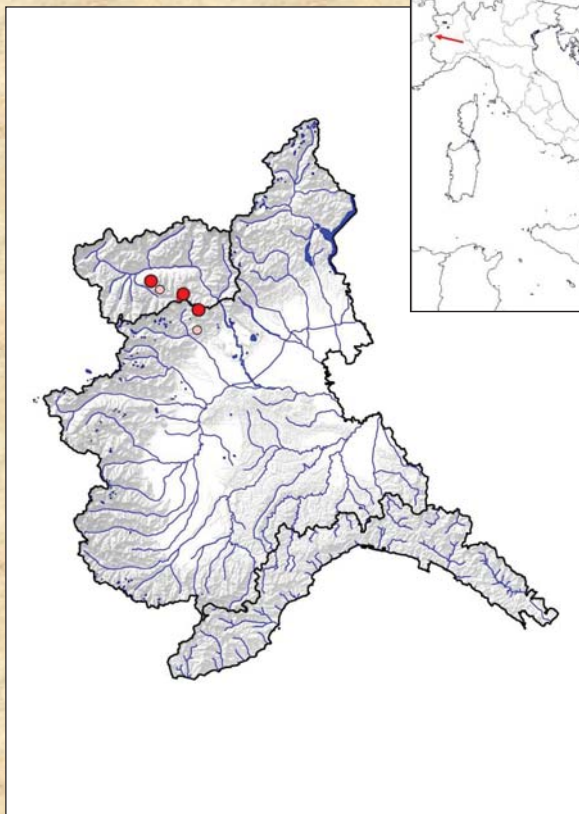
- 115 specie di cui 28 esclusive
- 13 taxa endemici
- Oltre i 2000 m:
 - Anonconotus sp.*
 - Podisma pedestris*
 - Bohemanella frigida*
 - Epipodisma pedemontana*
 - Kisella alpina*
 - Stenobothrus coticus*
 - Aeropus sibiricus*
 - Aeropedellus variegatus*
 - Chorthippus (Glyptobothrus) cialancensis*
 - Chorthippus (Glyptobothrus) pullus*

ENDEMISMO
Piemonte e Val d'Aosta



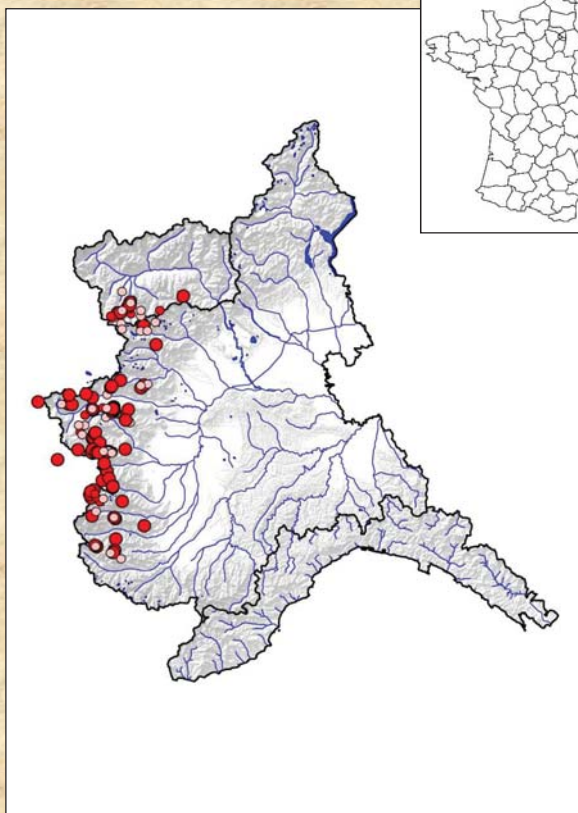
Pararcyptera alzonai Capra, 1938

ENDEMISMO
Piemonte e Val d'Aosta



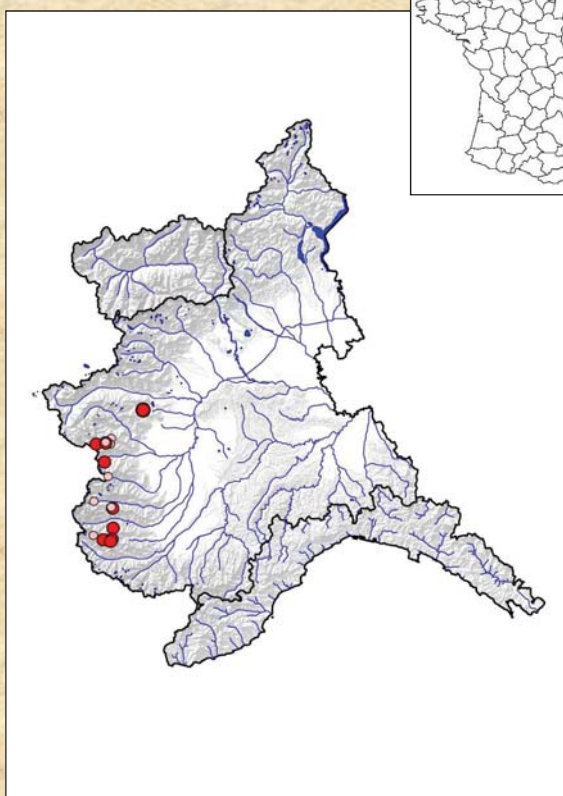
Stenobothrus ursulae Nadig, 1978

ENDEMISMO Alpi occidentali



Epipodisma pedemontana (Brunner, 1882)

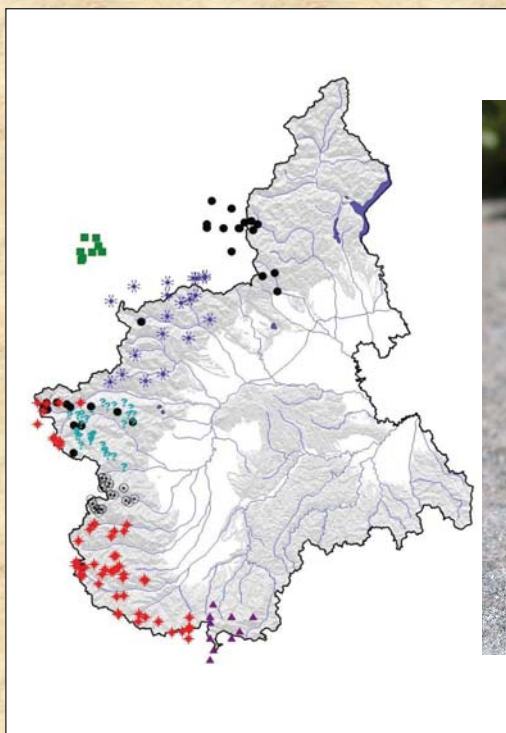
ENDEMISMO Alpi occidentali



Glyptobothrus sampeyrensis Nadig, 1986

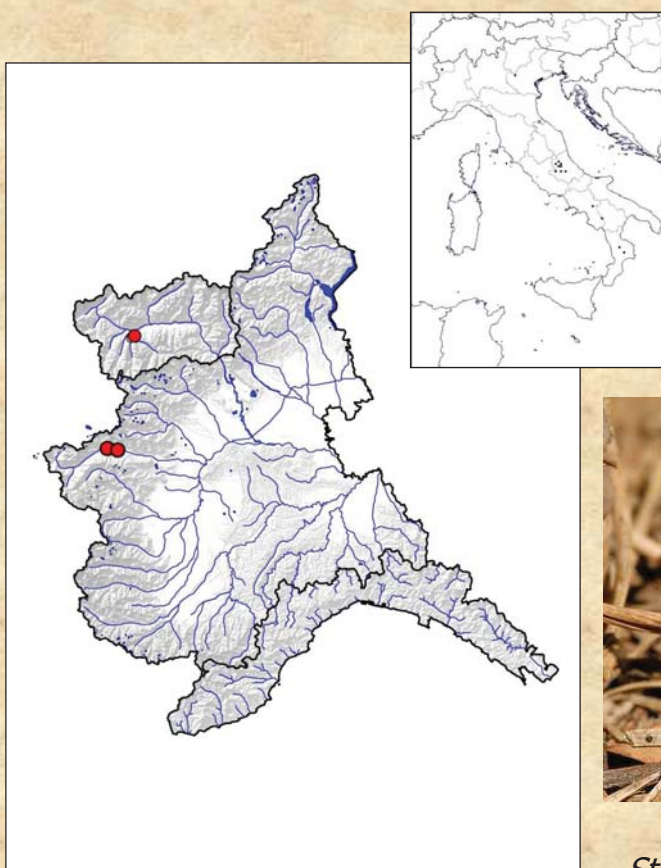
Glyptobothrus cialacensis Nadig, 1986

ENDEMICA ALPINA



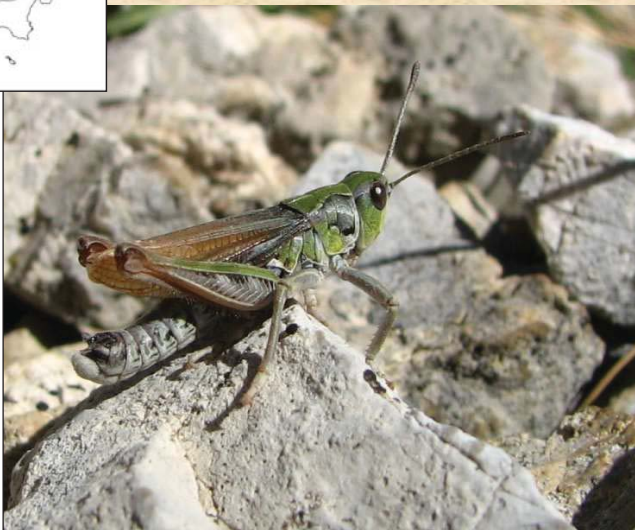
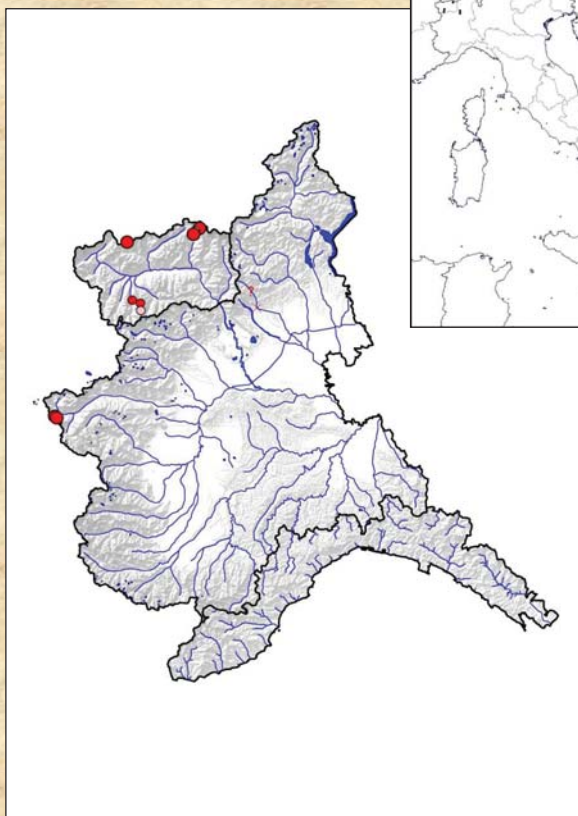
Anonconotus spp.

SPECIE RARE



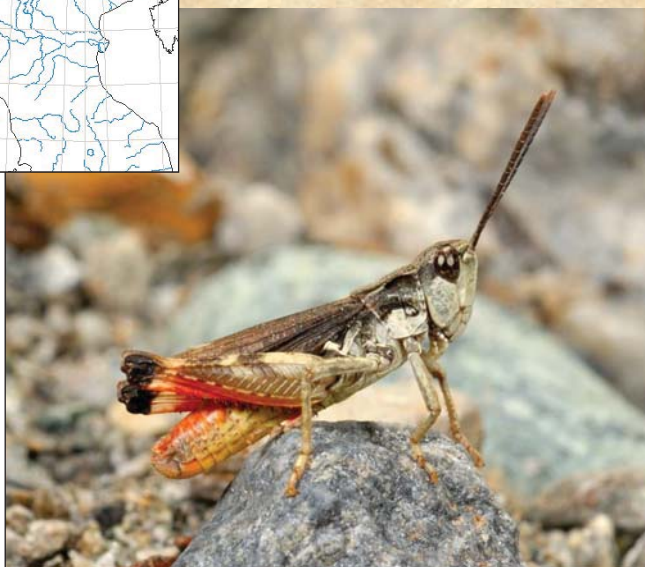
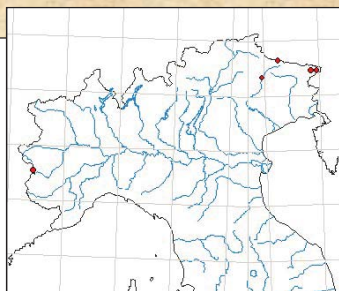
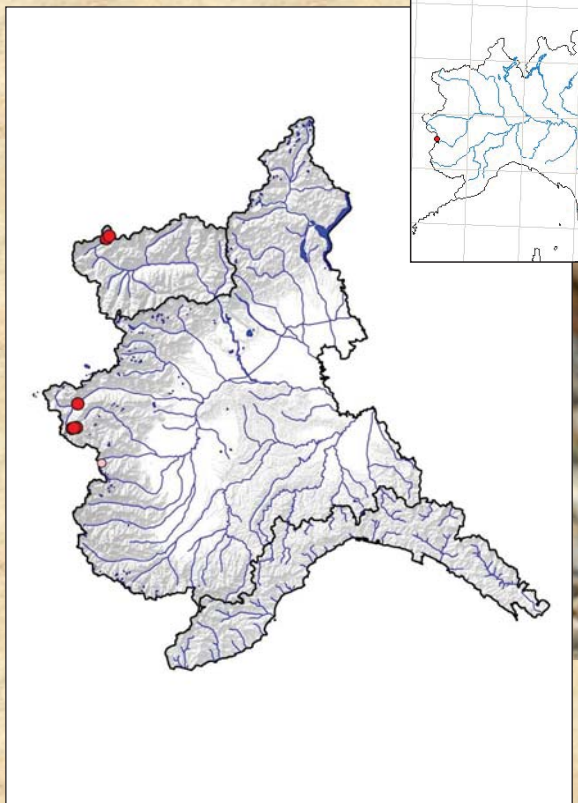
Stenobothrus fischeri (Eversmann, 1848)

SPECIE RARE



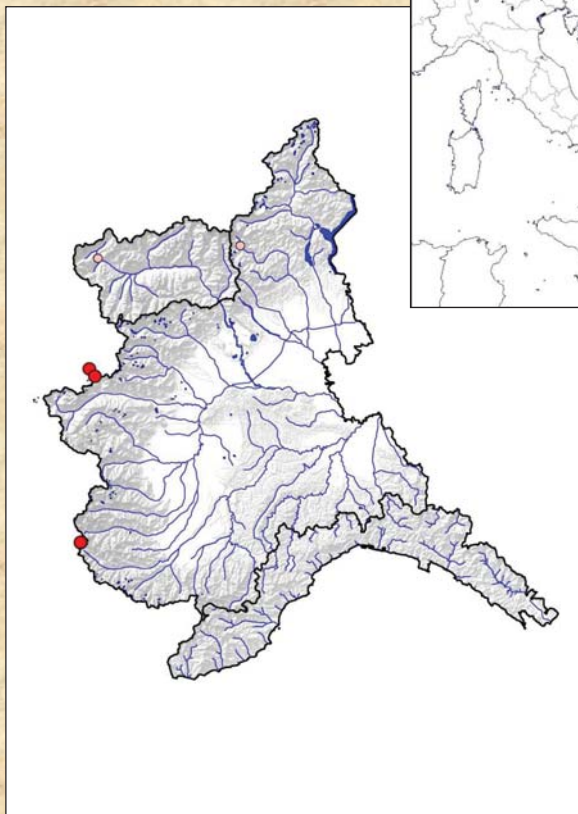
Aeropedellus variegatus (Fischer von Waldheim, 1846)

SPECIE RARE



Glyptobothrus pullus (Philippi, 1830)

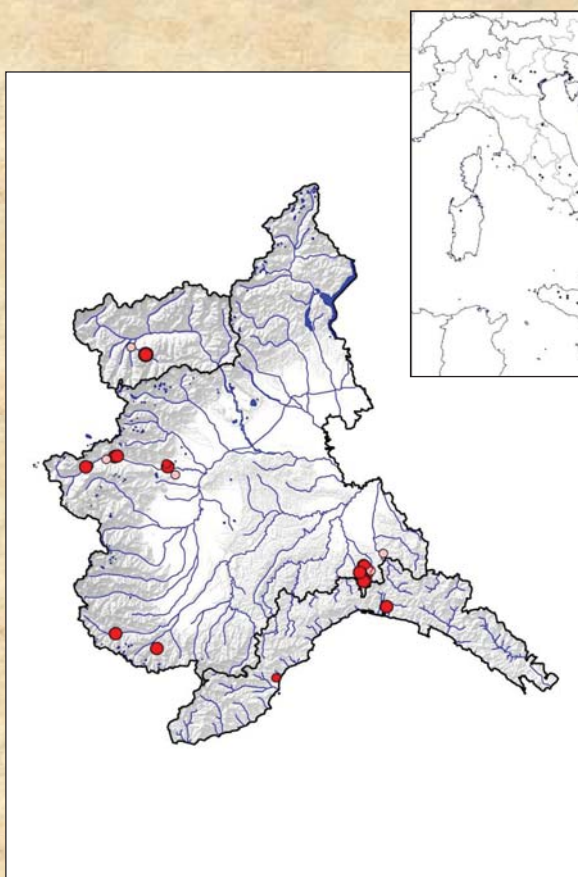
SPECIE TRANSALPINE



Metrioptera brachyptera (Linnaeus, 1761)

SPECIE PROTETTE

- All. II Direttiva Habitat



Saga pedo (Pallas, 1771)

CONSIDERAZIONI

- Le informazioni a disposizione non permettono di stabilire se e quali specie siano in declino a scala regionale
- Nessuna specie può considerarsi estinta (difetto di ricerca)
- Indirizzare le ricerche verso le specie relitte o con distribuzione limitata

Grazie per l'attenzione

