Universidad de Barcelona
Facultad de Biología
Departamento de Biología Vegetal

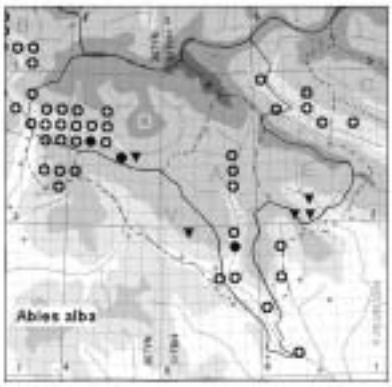
Flora y vegetación del Parque Nacional de Ordesa y Monte Perdido (Sobrarbe, Pirineo central aragonés)

Bases científicas para su gestión sostenible

Memoria presentada por José Luis Benito Alonso, licenciado en Biología, para optar al grado de Doctor en Biología

Programa de doctorado "*Vegetales y fitocenosis*", curso 1994/96

Abril de 2005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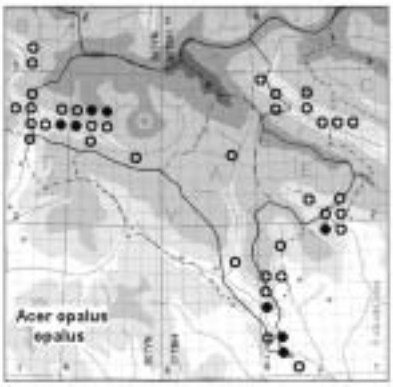
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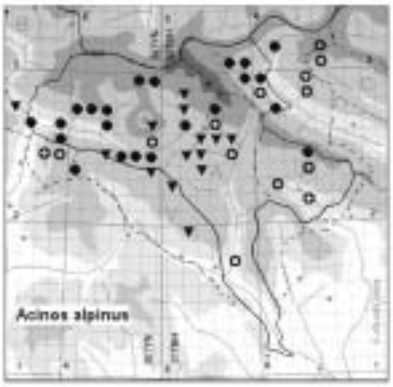
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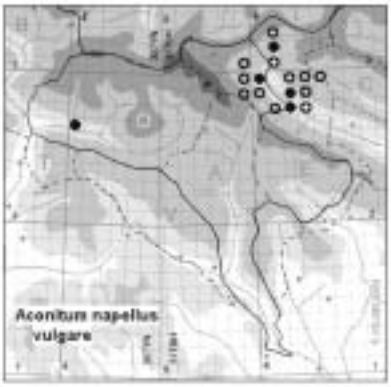
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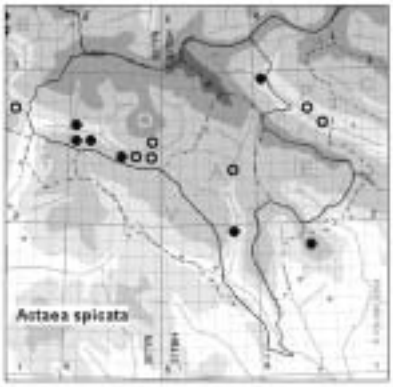
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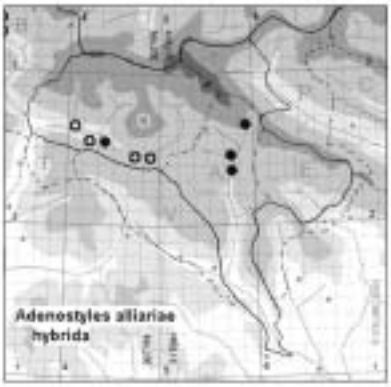
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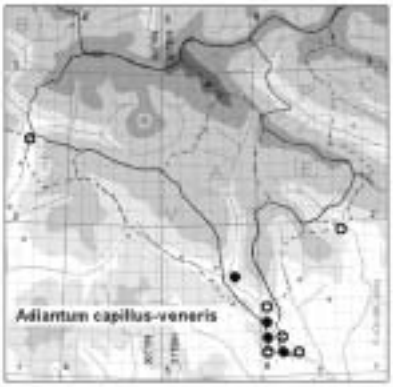
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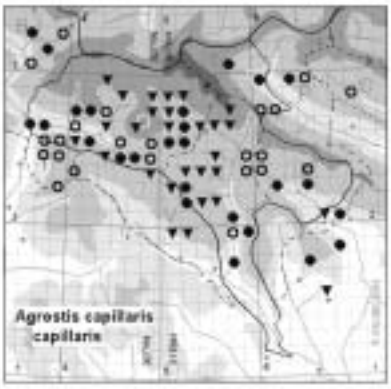
Agrostis alpina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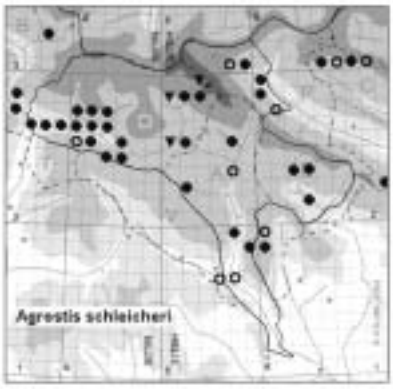
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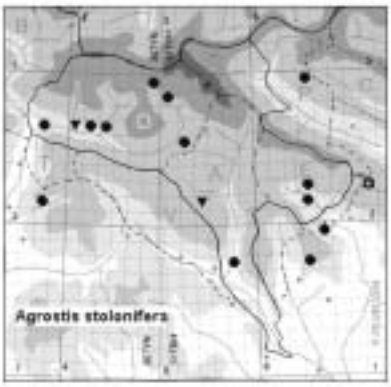
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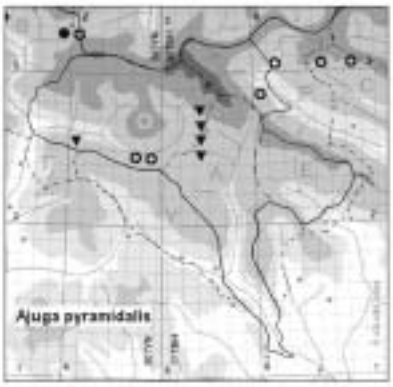
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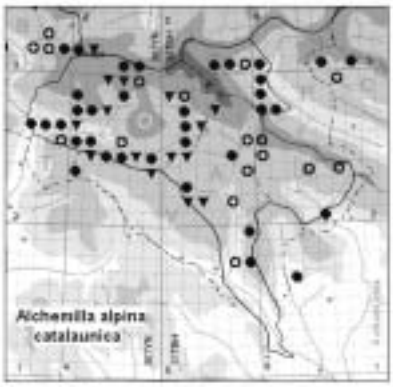
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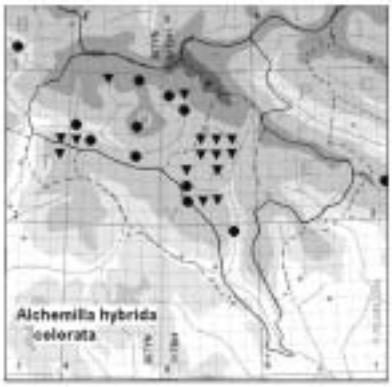
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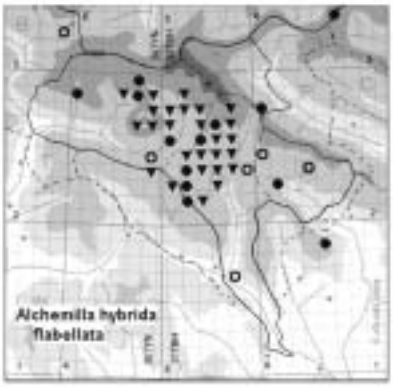
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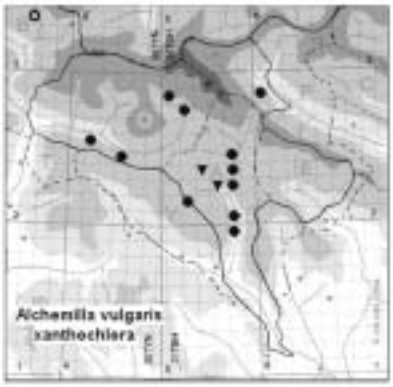
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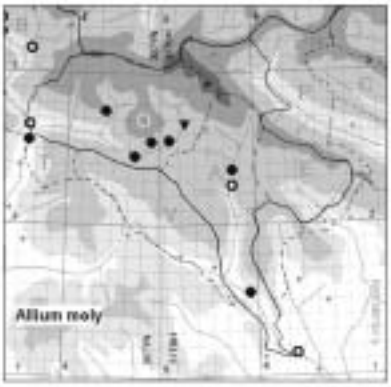
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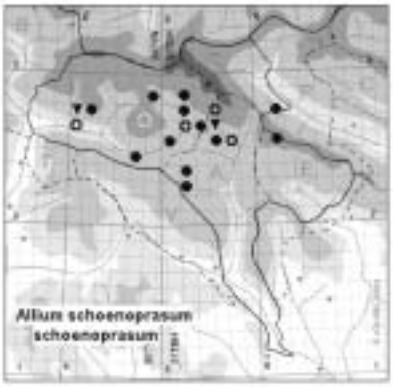
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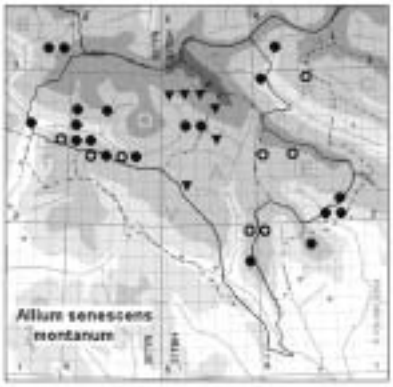
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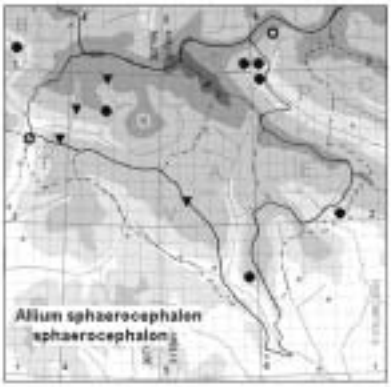
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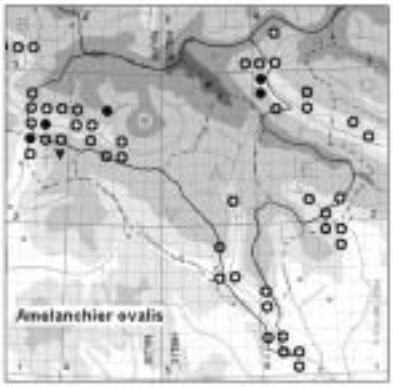
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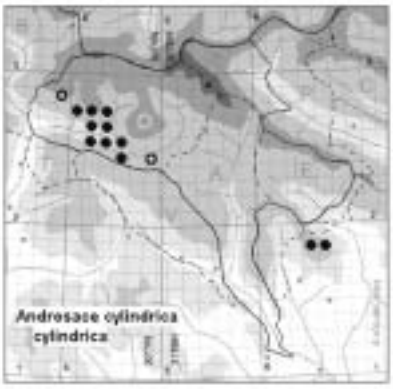
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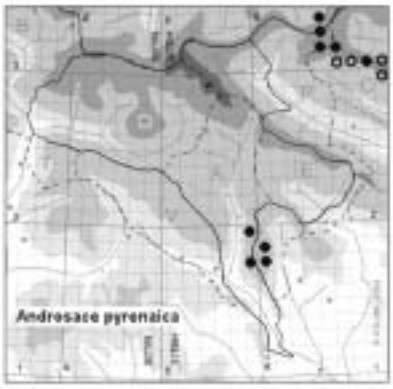
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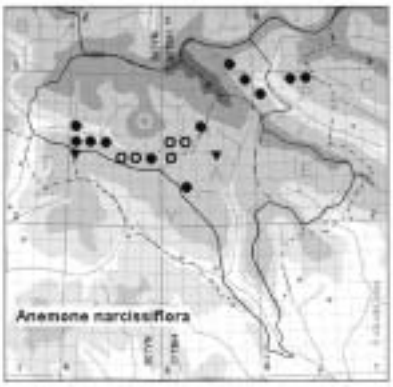
Androsace villosa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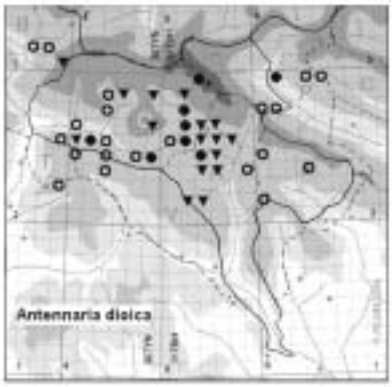
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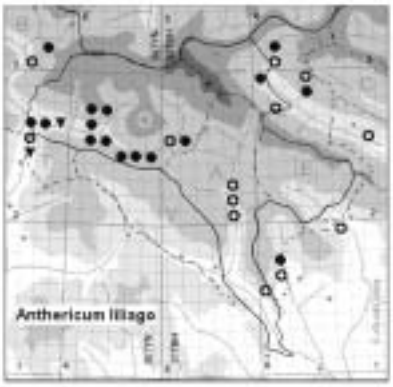
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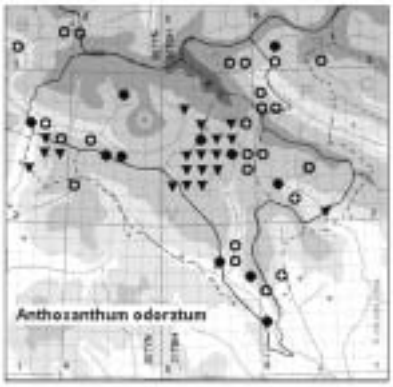
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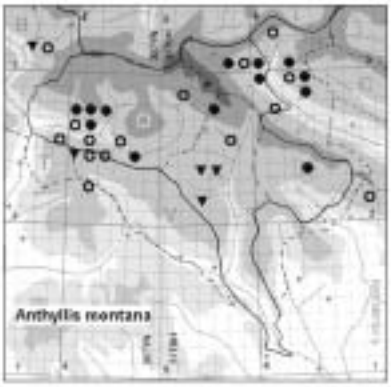
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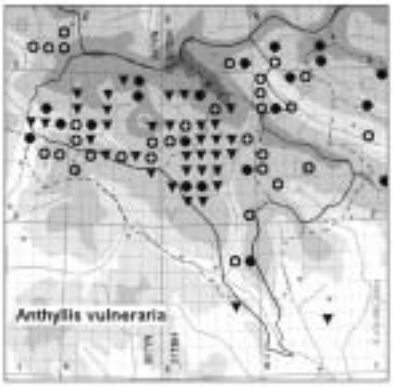
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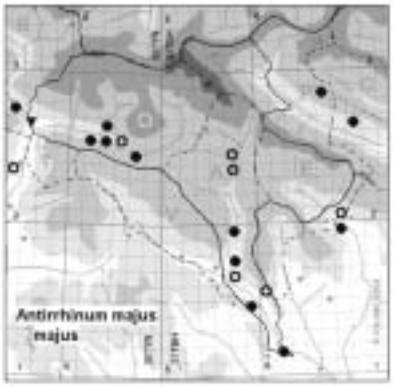
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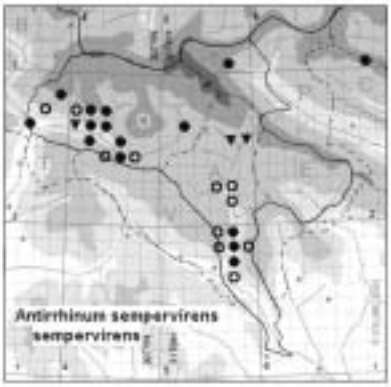
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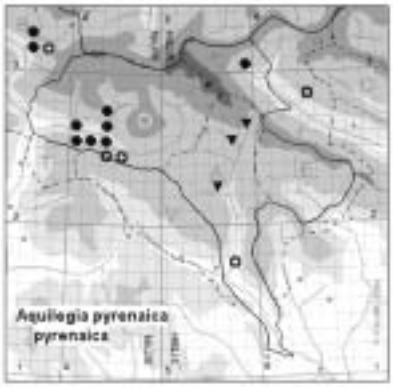
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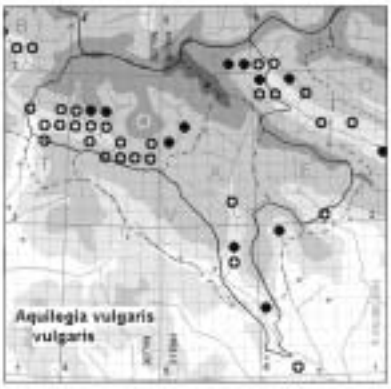
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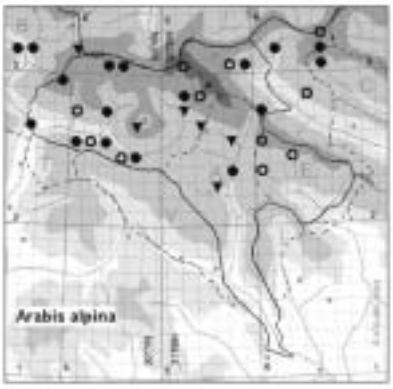
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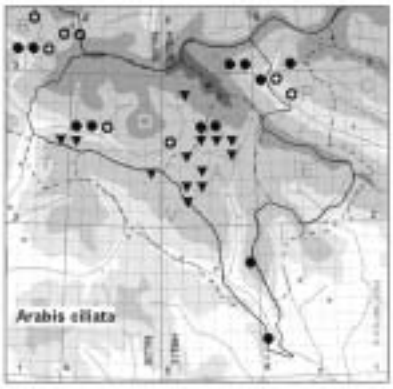
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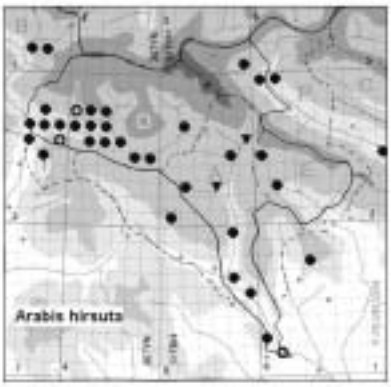
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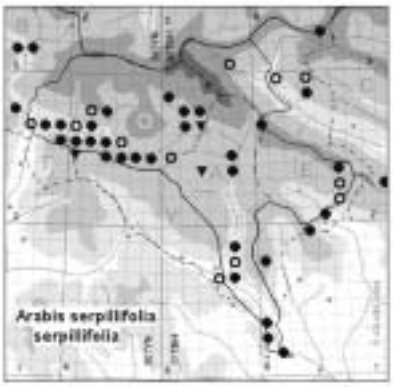
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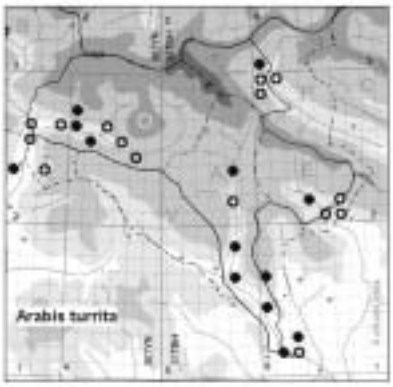
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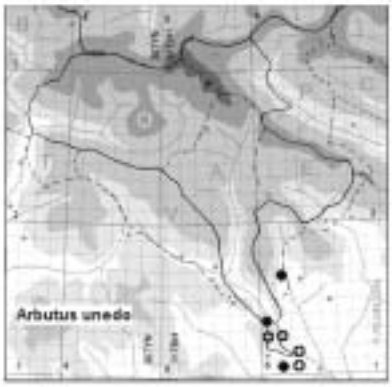
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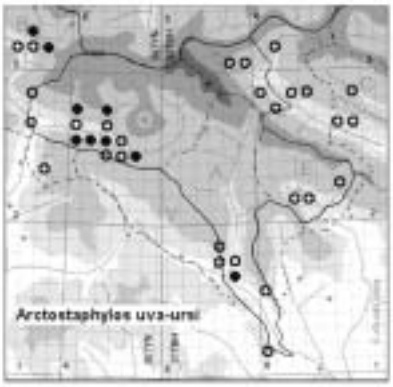
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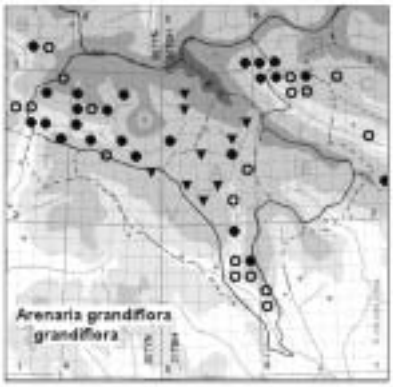
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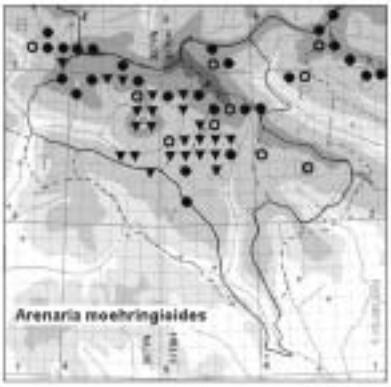
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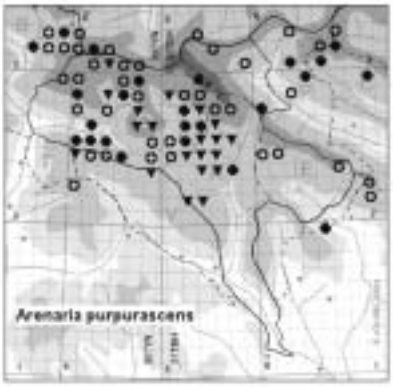
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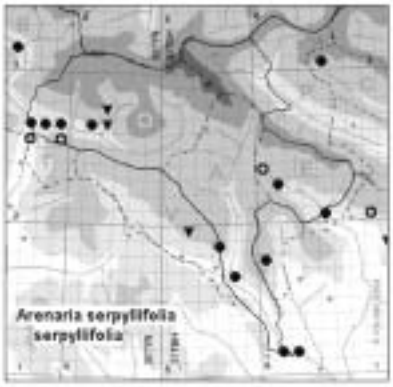
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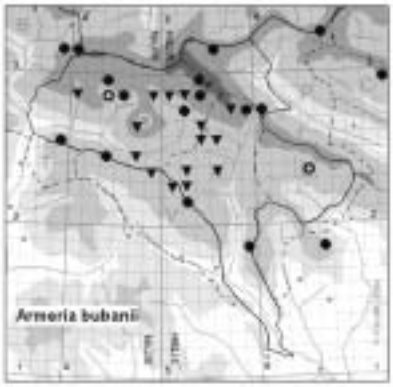
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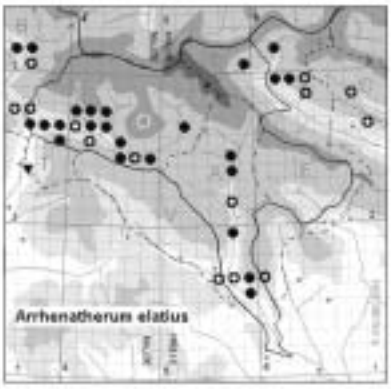
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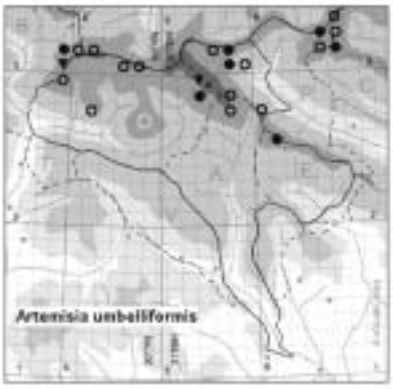
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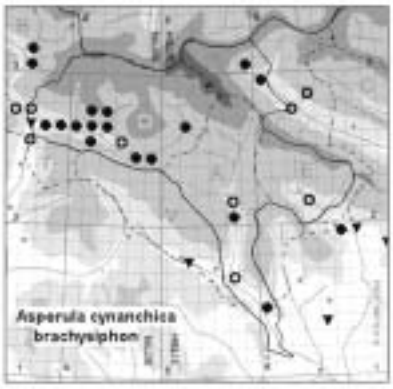
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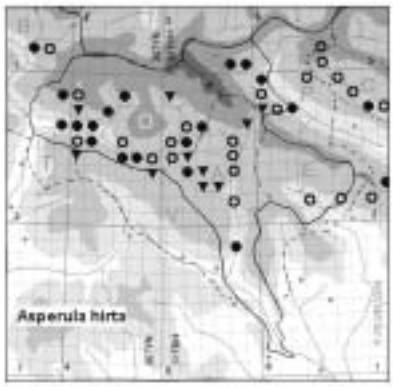
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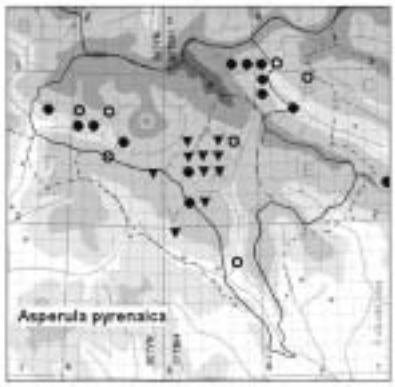
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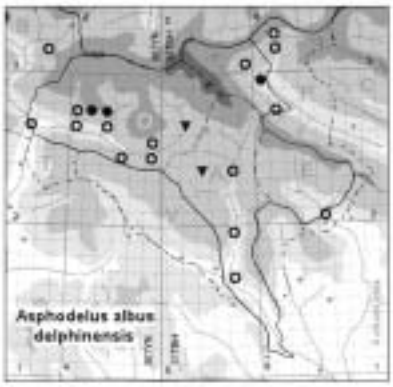
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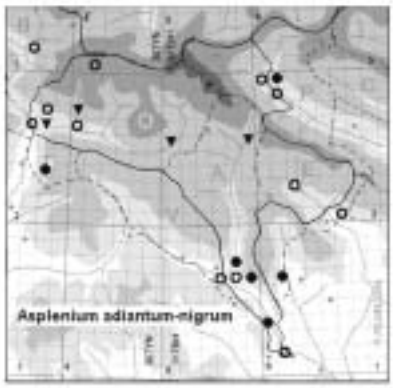
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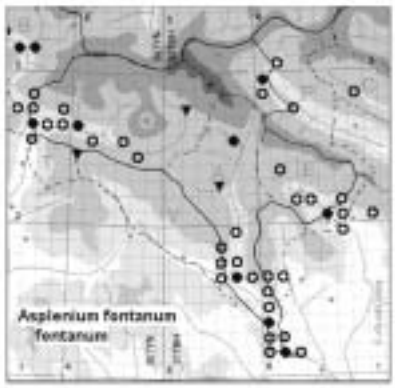
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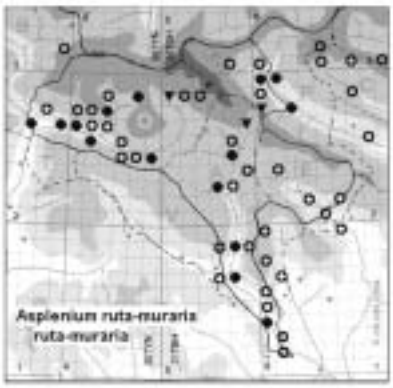
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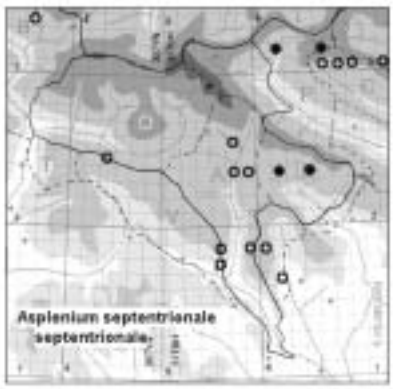
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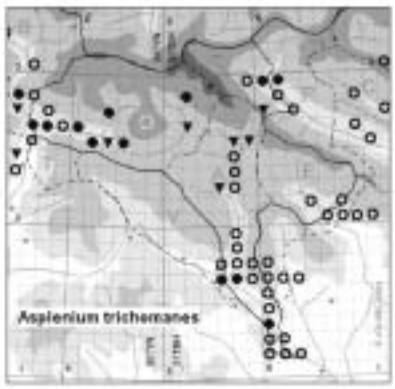
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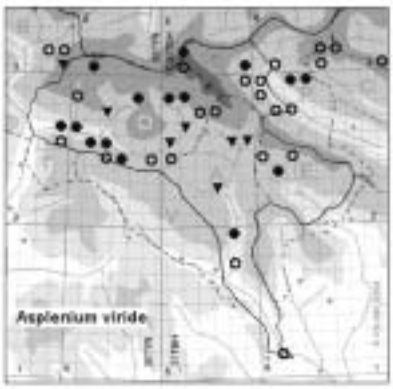
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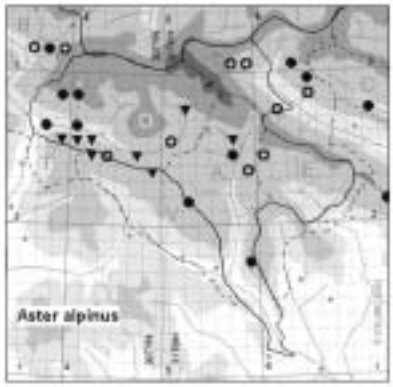
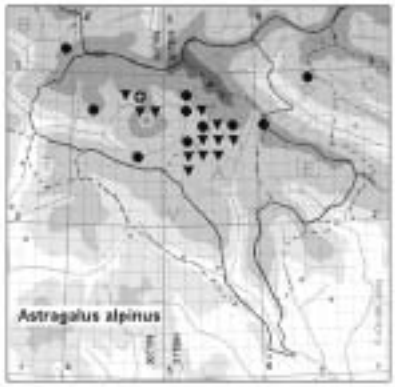
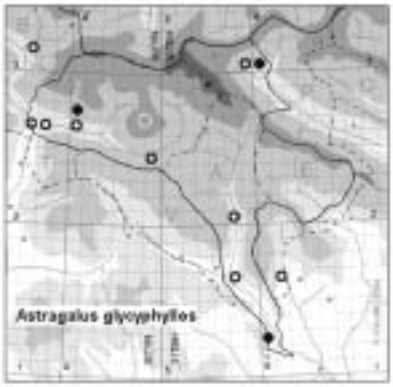

Aster alpinus


Astragalus alpinus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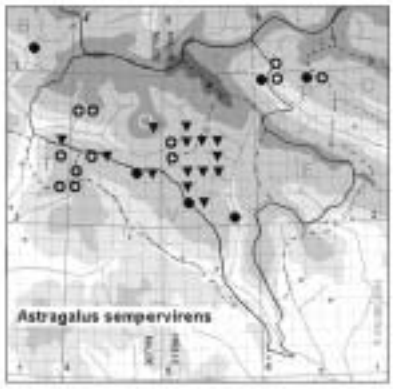
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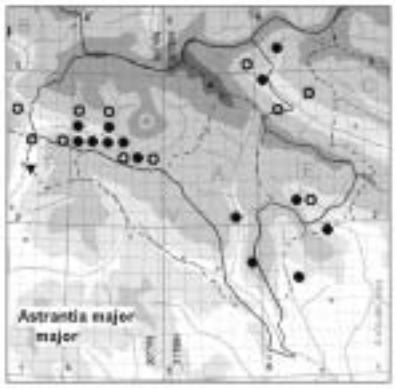
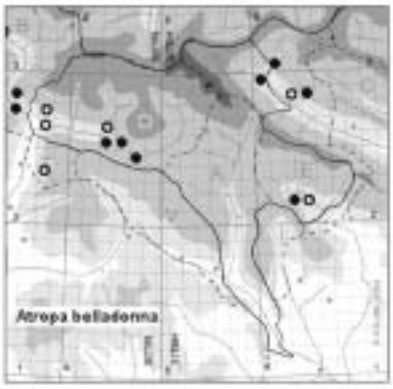
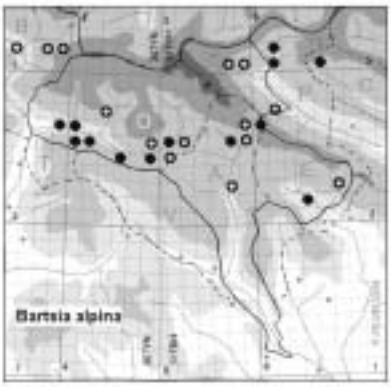
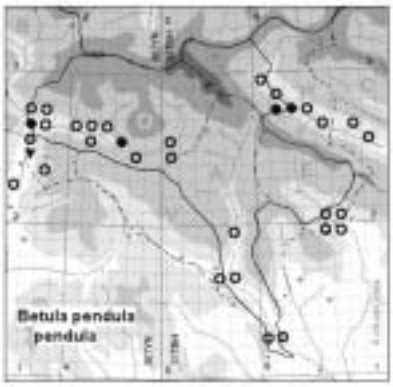

Astrantia major
major


Atropa belladonna


Bartsia alpina

Bellis perennis


Betula pendula
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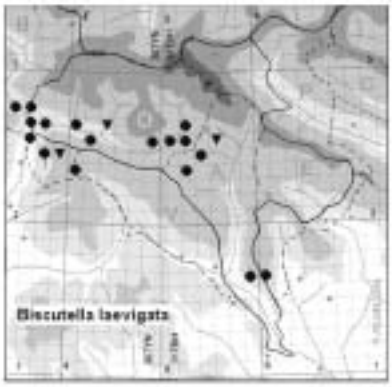
Biscutella laevigata

Blackstonia perfoliata
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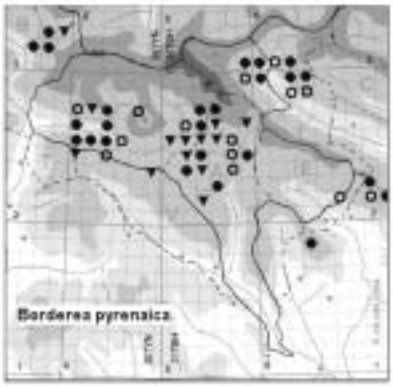
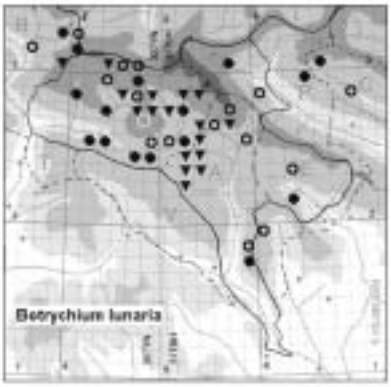
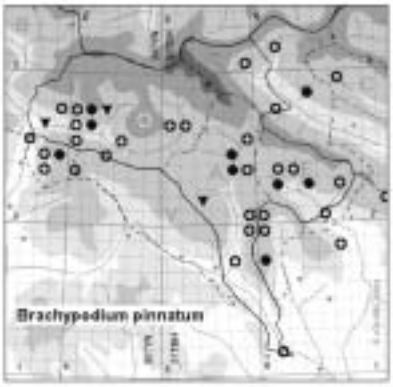
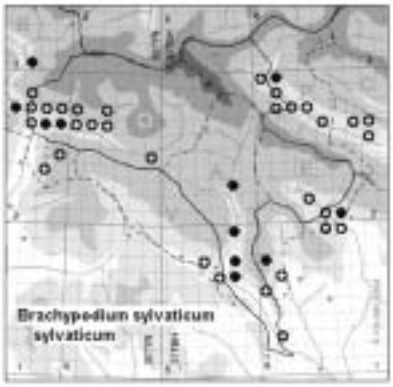
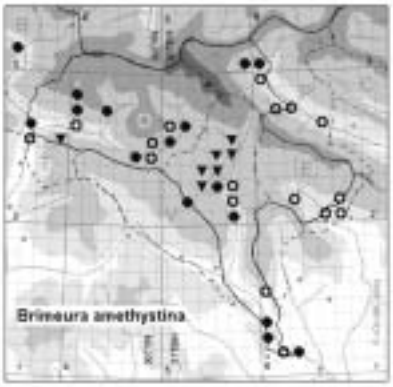

Borderea pyrenaica

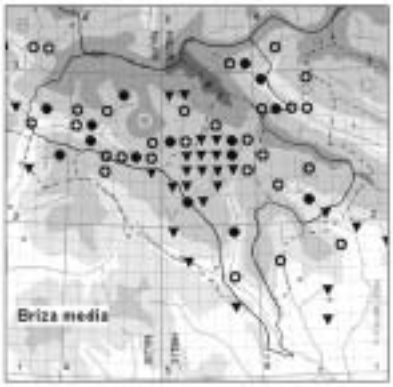

Botrychium lunaria

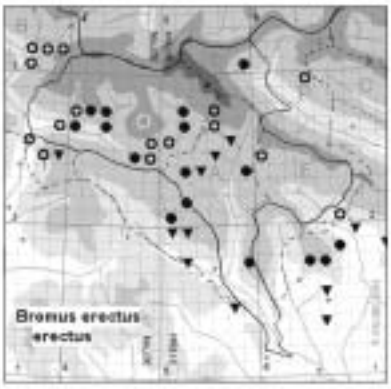

Brachypodium pinnatum

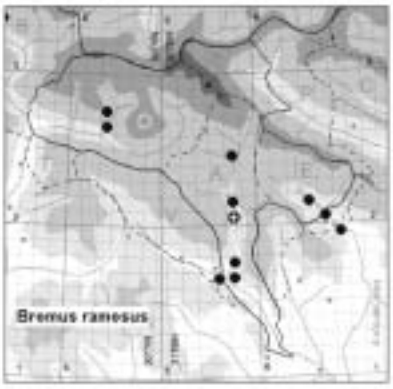

Brachypodium sylvaticum
sylvaticum

Brassica repanda

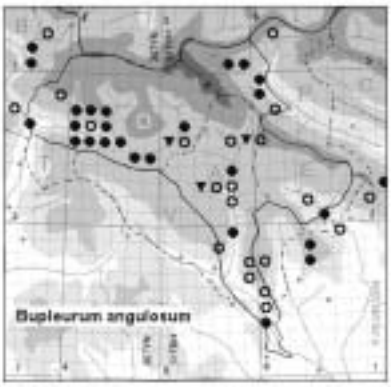

Brimeura amethystina

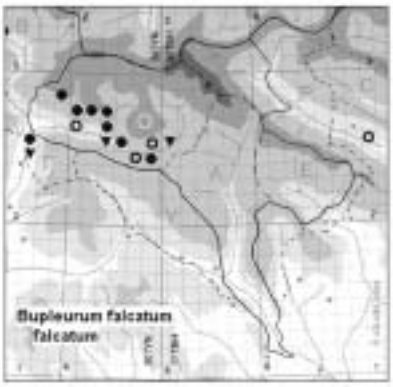

Briza media

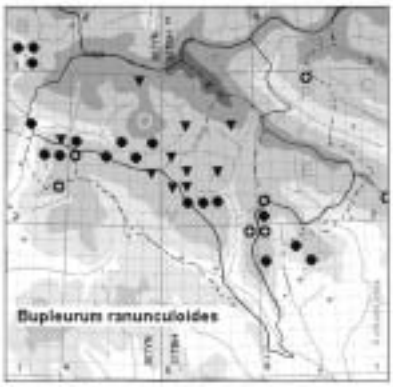

Bromus erectus
erectus

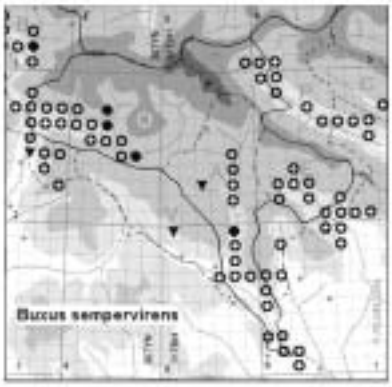

Bromus ramosus

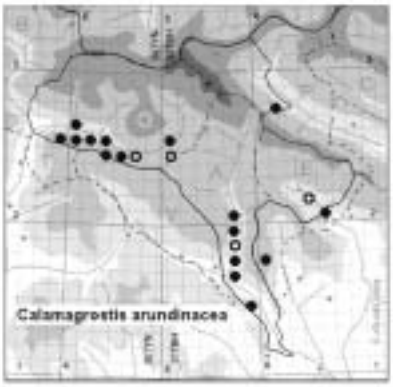
Bromus sterilis

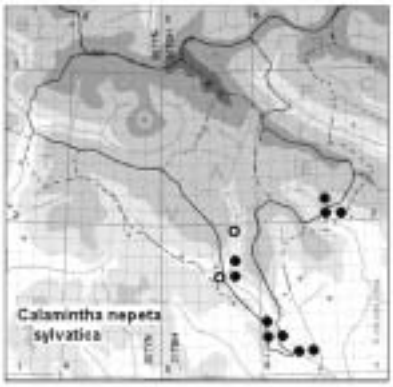

Bupleurum angulosum


Bupleurum falcatum
falcatum


Bupleurum ranunculoides


Buxus sempervirens


Calamagrostis arundinacea


Calamintha nepeta
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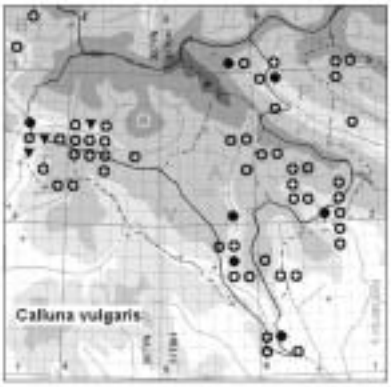
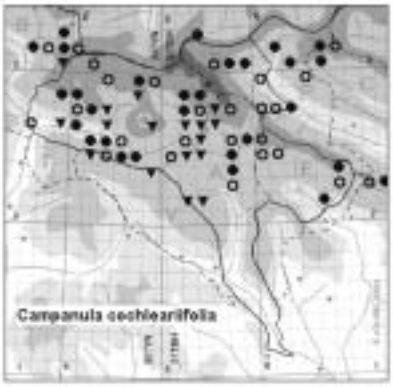
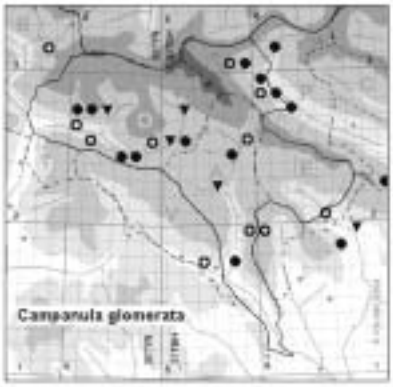
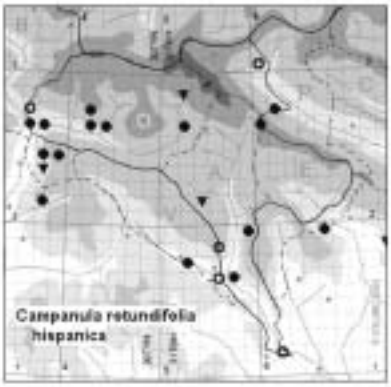

Calluna vulgaris


Campanula cochlearifolia


Campanula glomerata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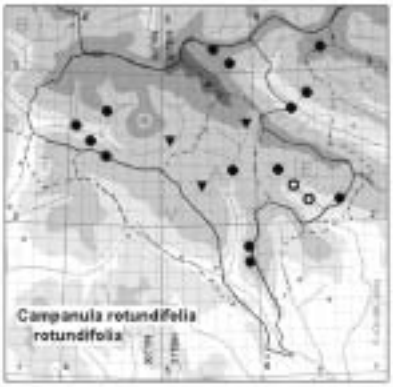
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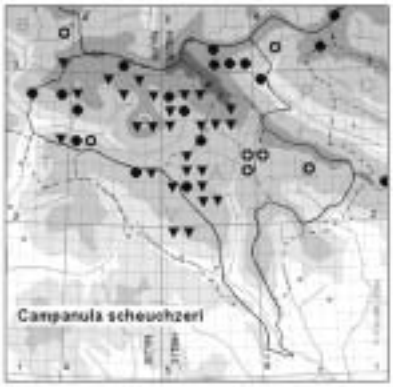
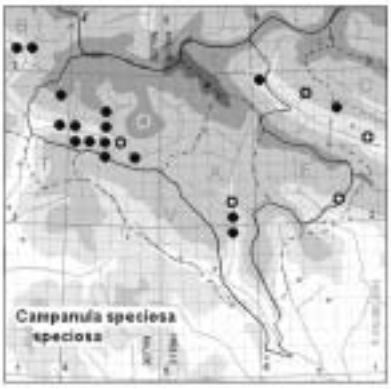

Campanula scheuchzeri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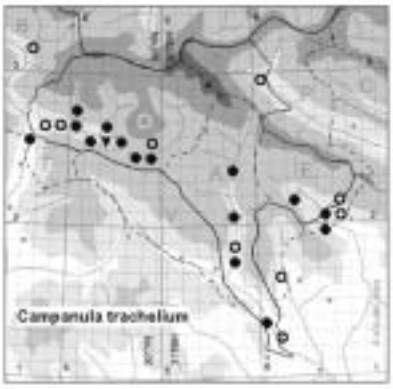
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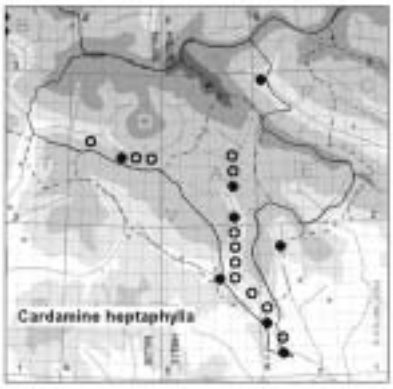
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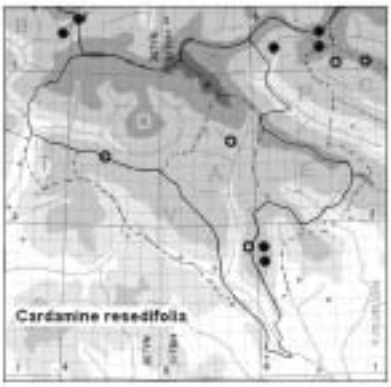
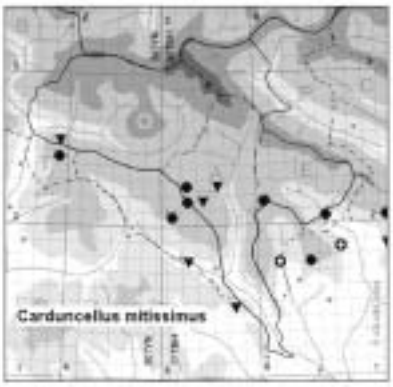
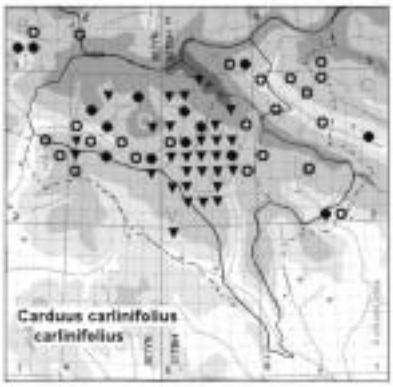

Cardamine resedifolia


Carduncellus mitissimus


Carduus carlinifolius
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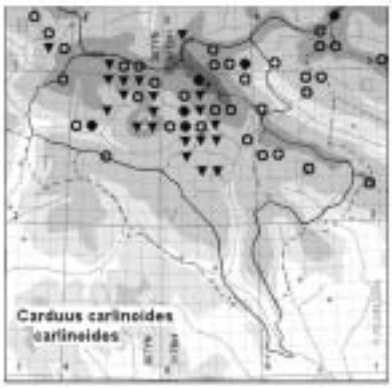
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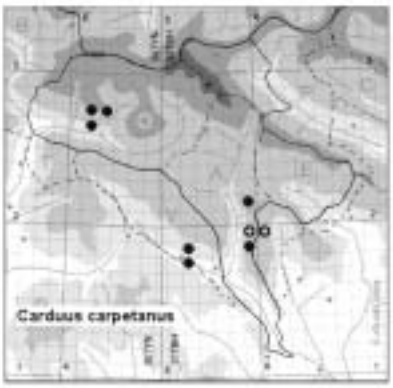
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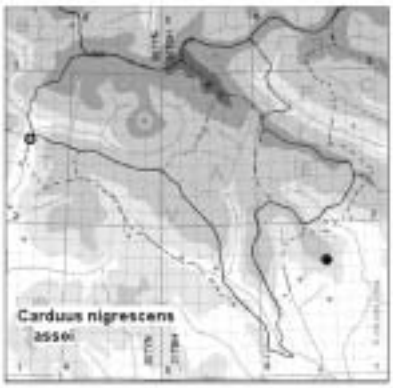
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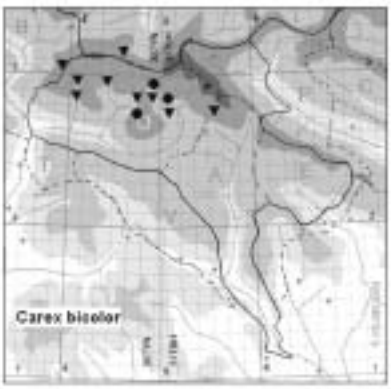
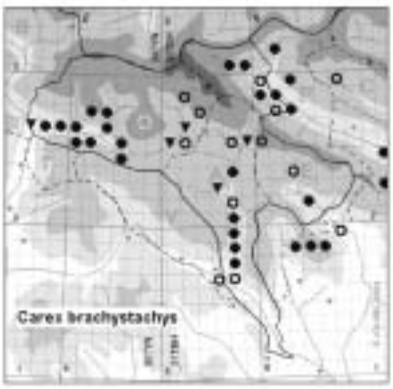

Carex bicolor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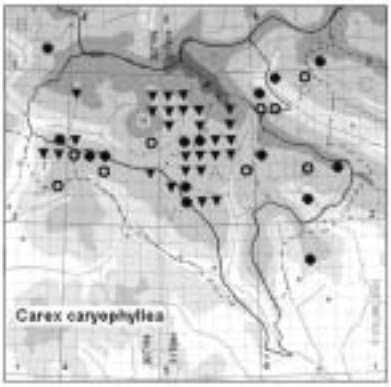
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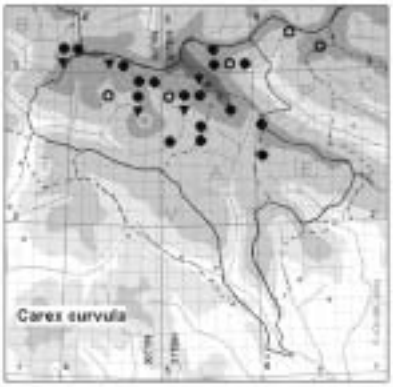
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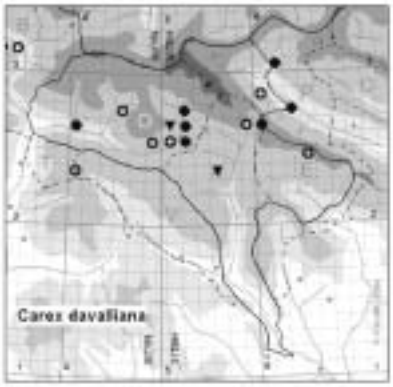
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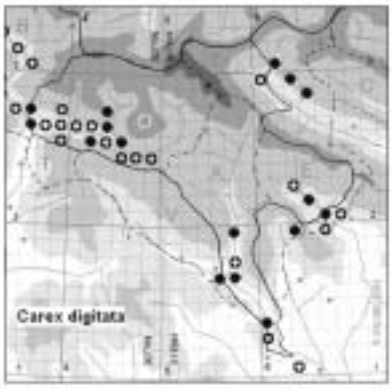
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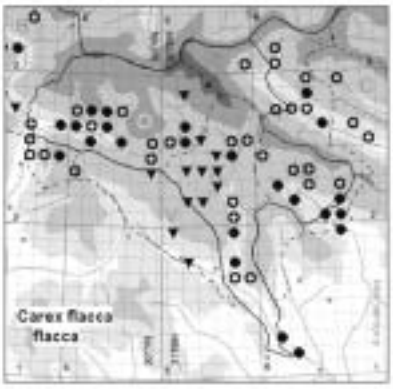
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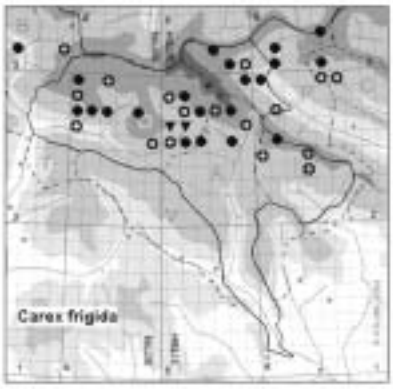
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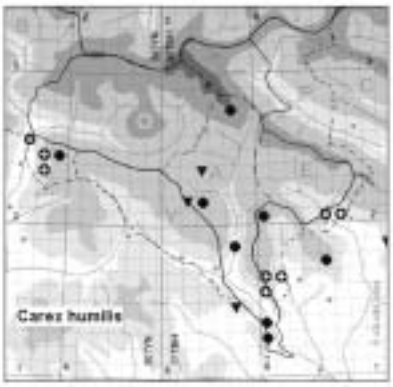
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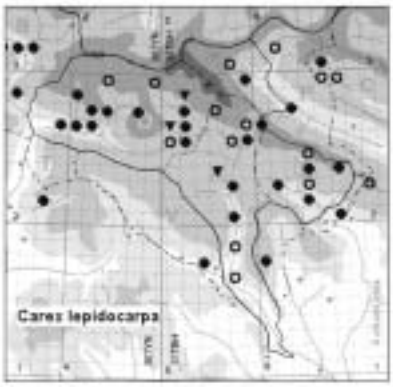
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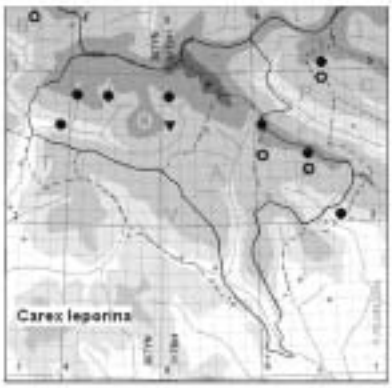
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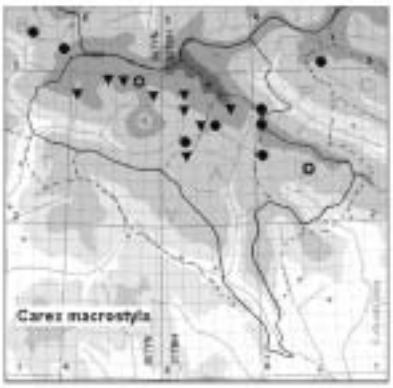
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Carex montana

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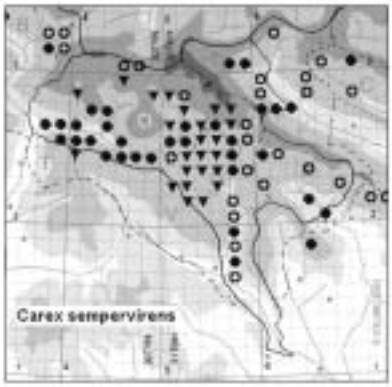
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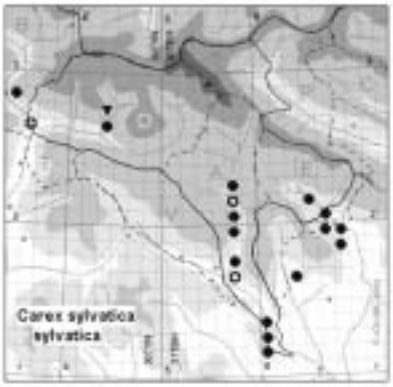
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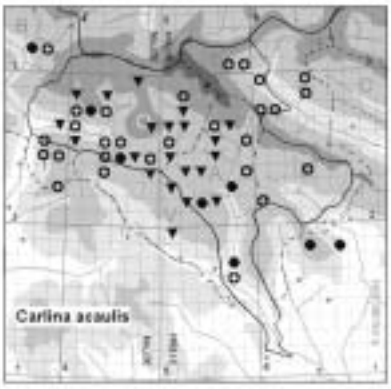
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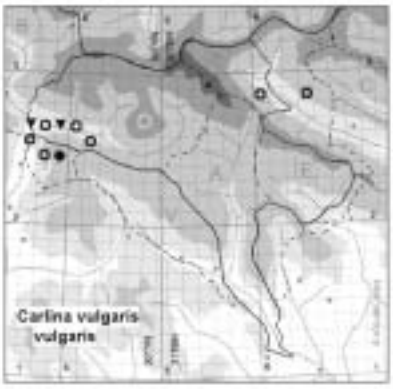
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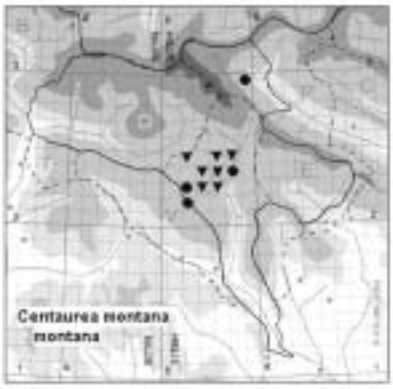
Centaurea montana
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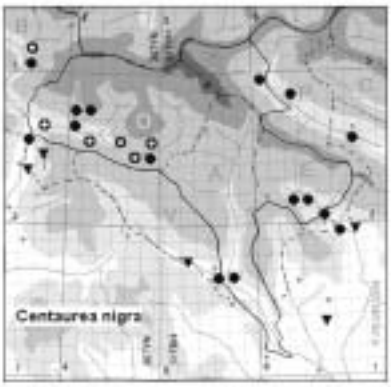
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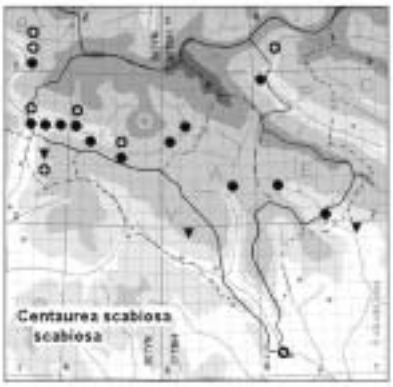
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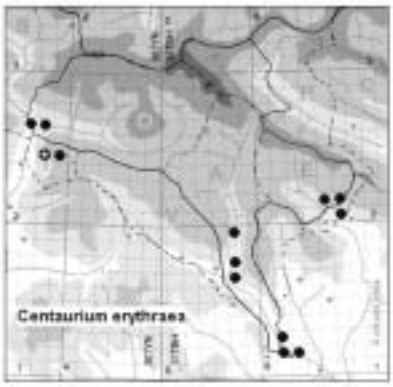
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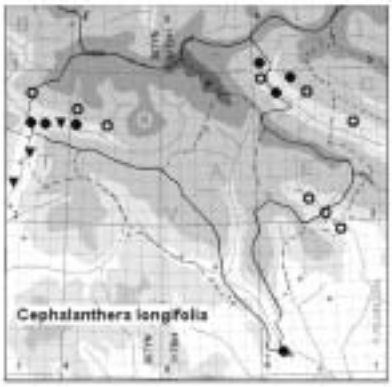
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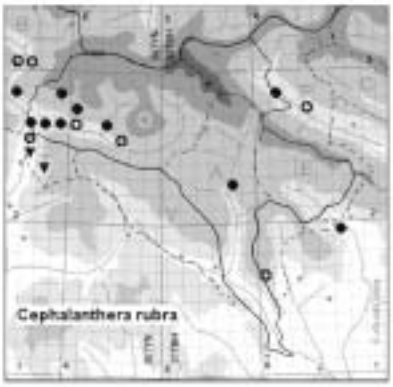
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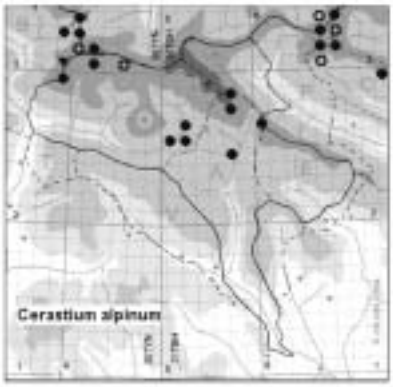
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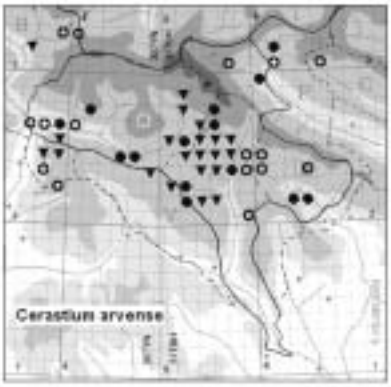
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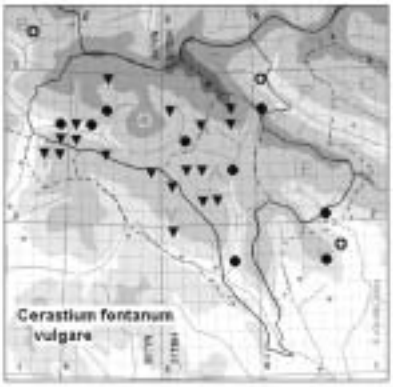
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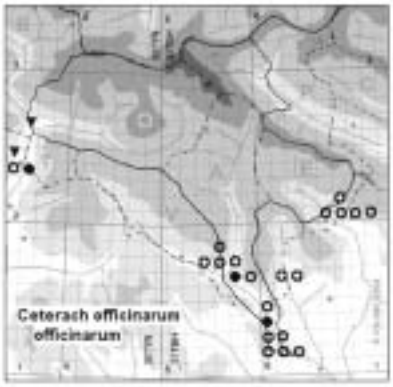
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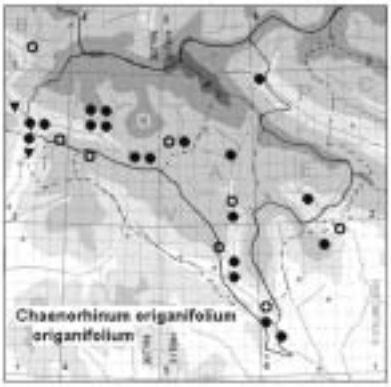
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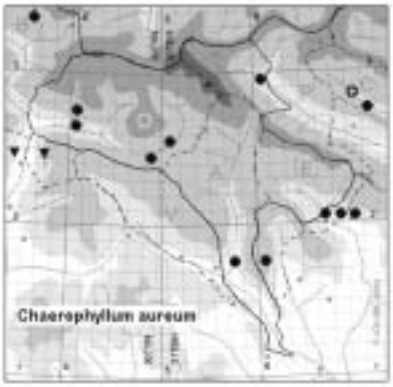
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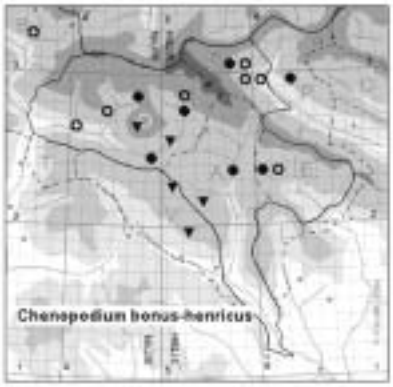
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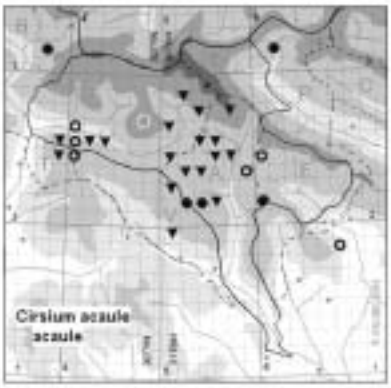
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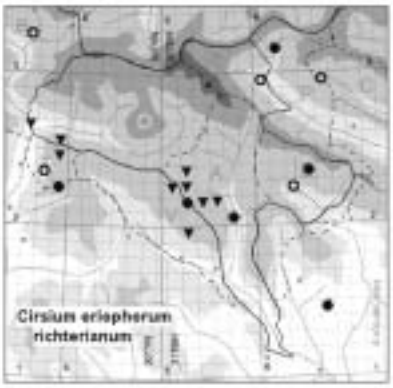
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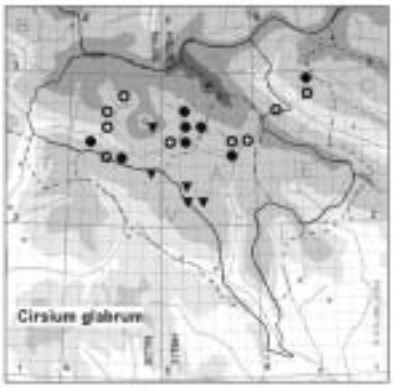
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Cirsium monspessulanum
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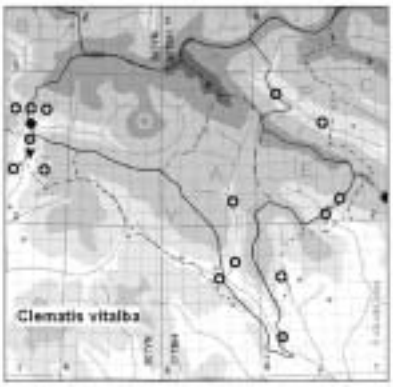
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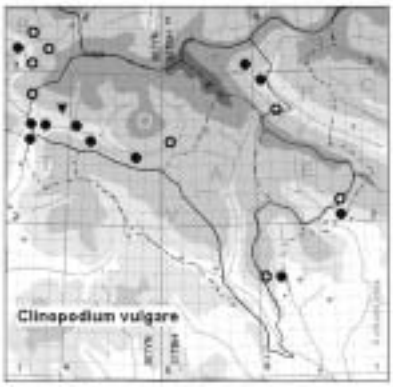
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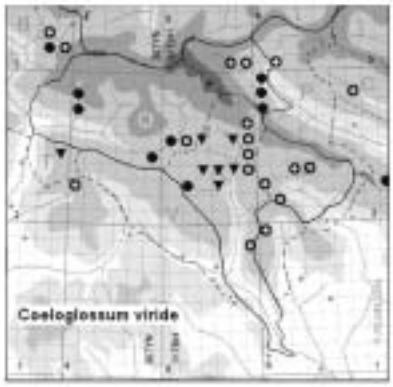
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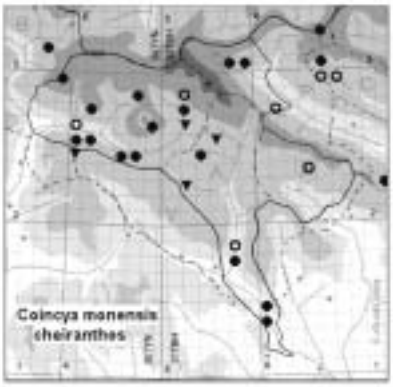
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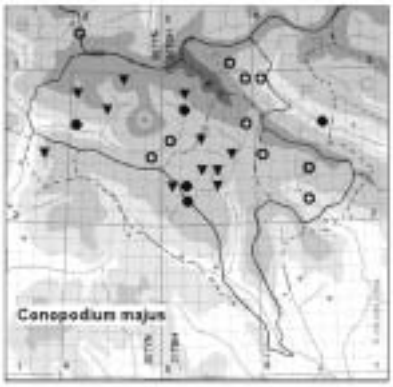
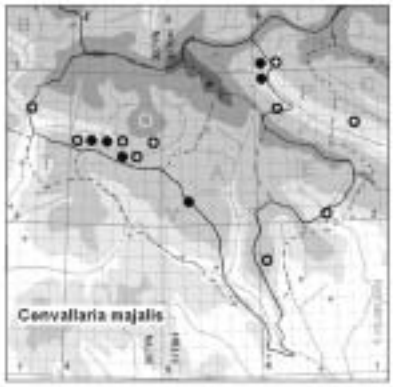

Conopodium majus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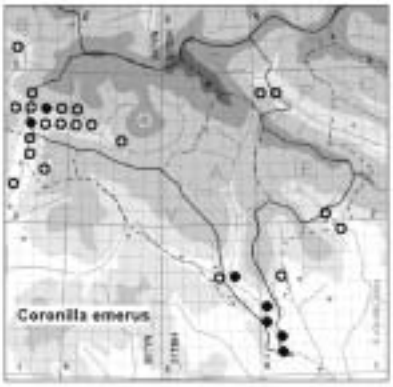
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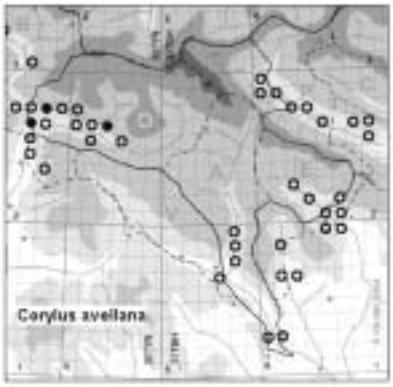
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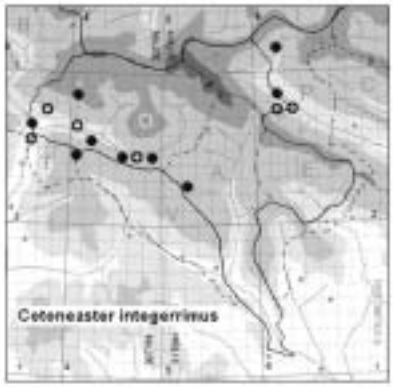
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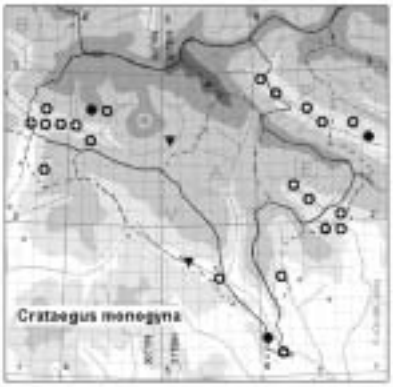
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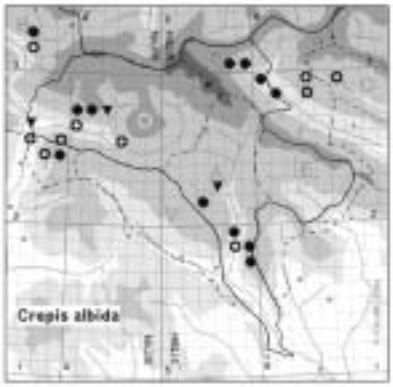
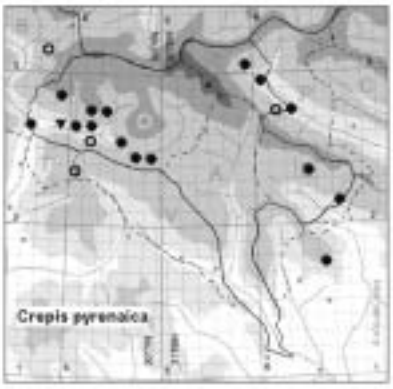

Crepis albida

Crepis pygmaea
pygmaea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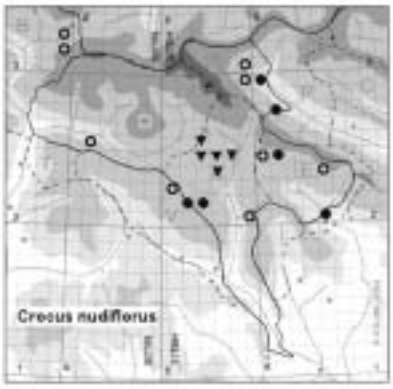
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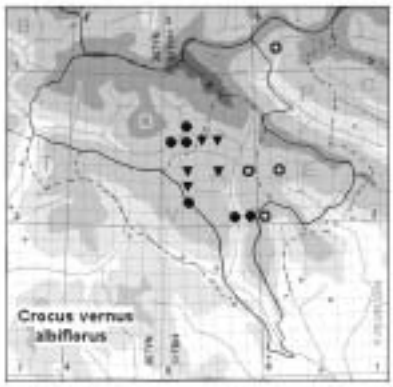
Crocus vernus
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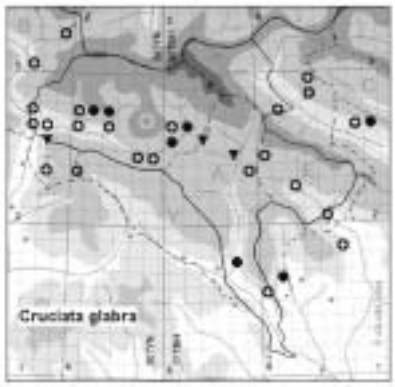
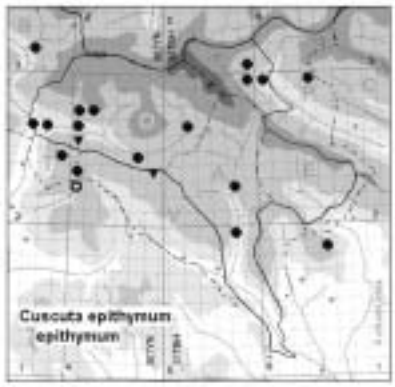

Cruciata glabra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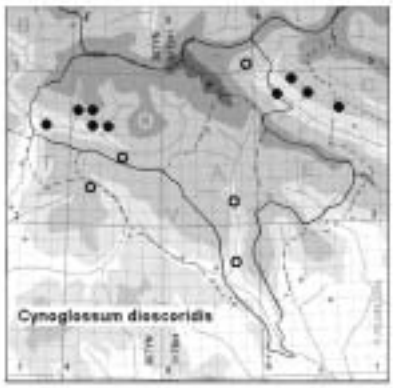
epithymum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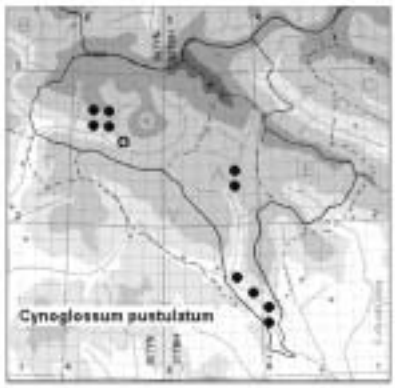
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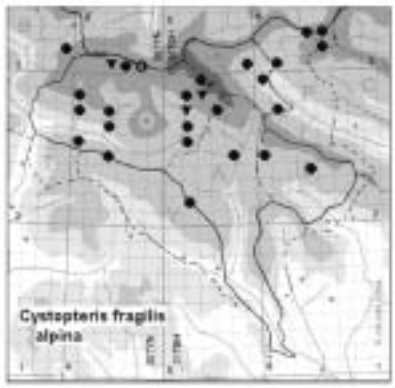
Cystopteris fragilis
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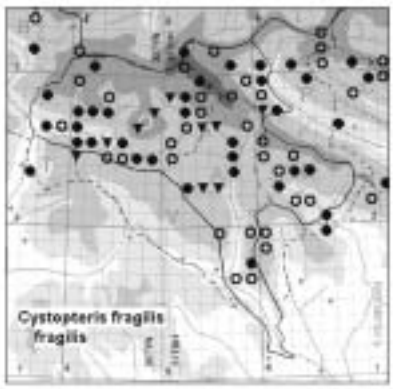
Cystopteris fragilis
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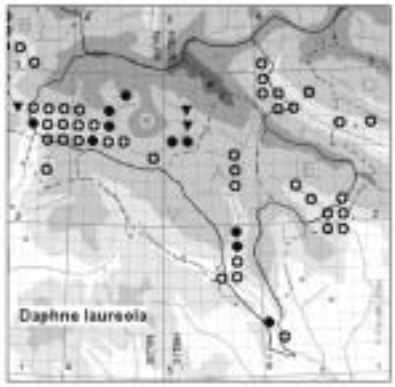
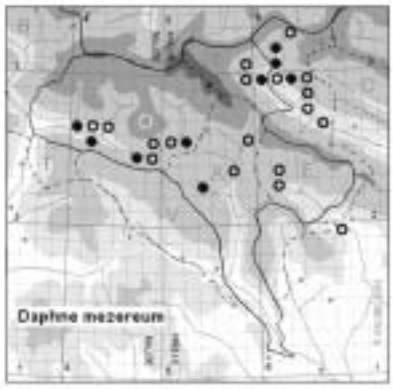
Cytisophyllum sessilifolium

Dactylis glomerata

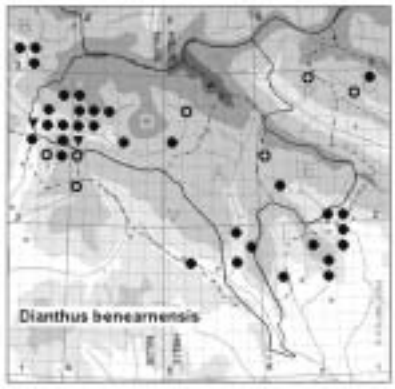
Dactylorhiza fuchsii

Dactylorhiza maculata


Daphne laureola


Daphne mezereum

Deschampsia flexuosa
flexuosa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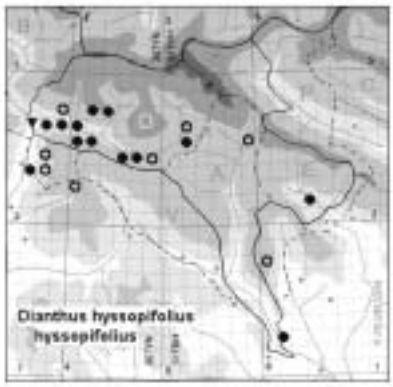
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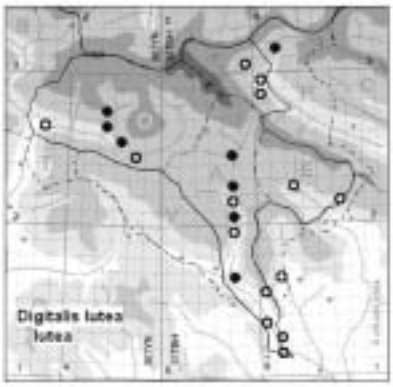
hyssopifolius

Dichanthium ischaemum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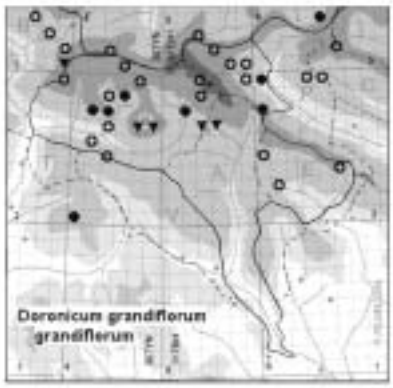
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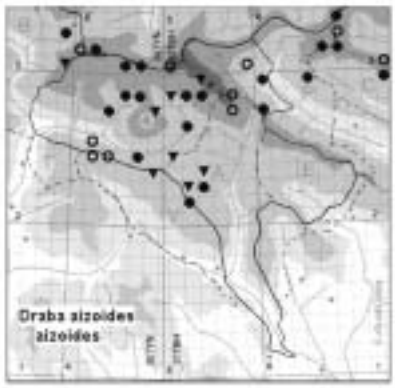
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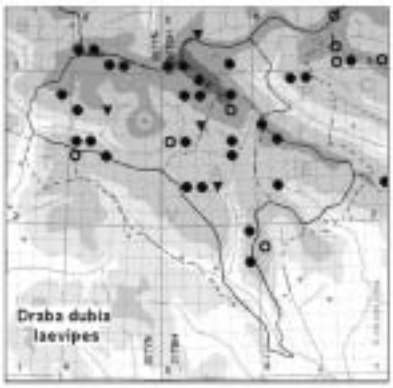
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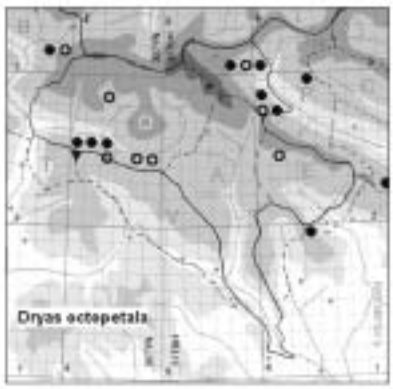
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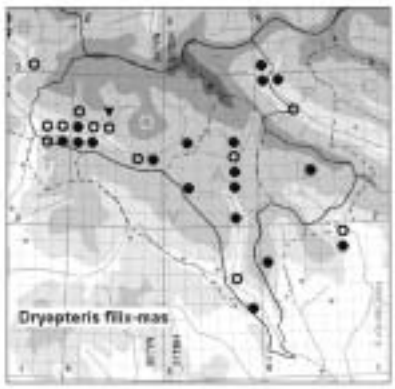
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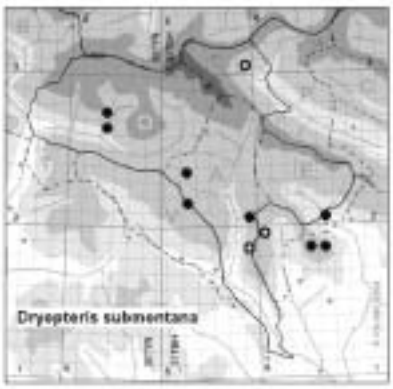
Dryopteris submontana

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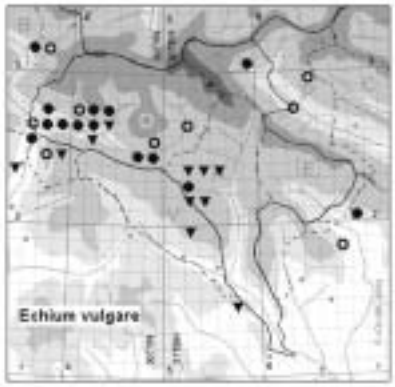
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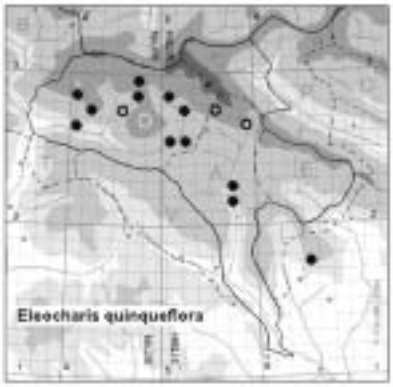
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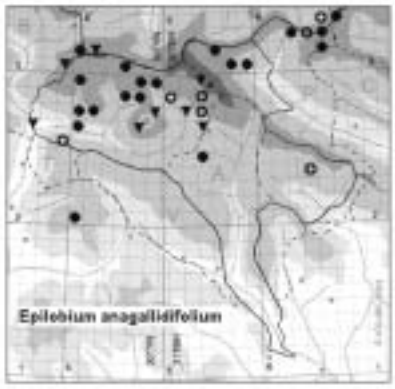
Epilobium alsinifolium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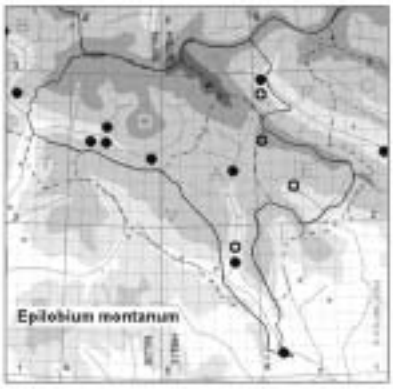
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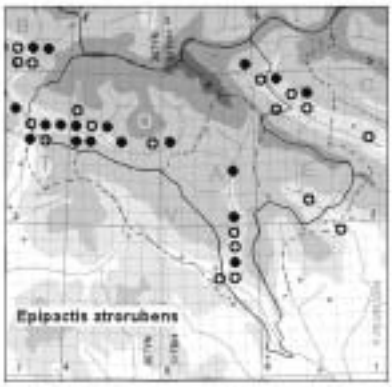
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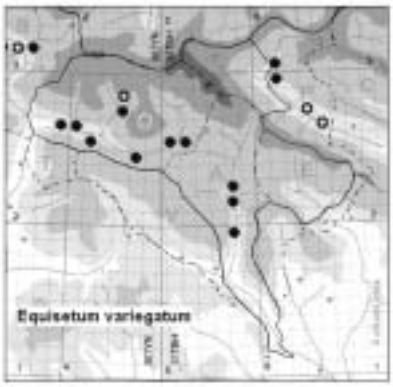
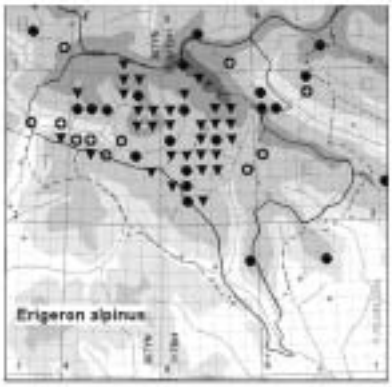
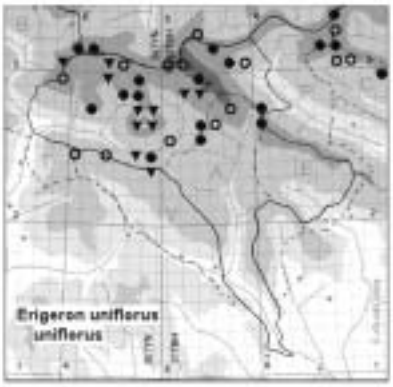

Equisetum variegatum


Erigeron alpinus


Erigeron uniflorus
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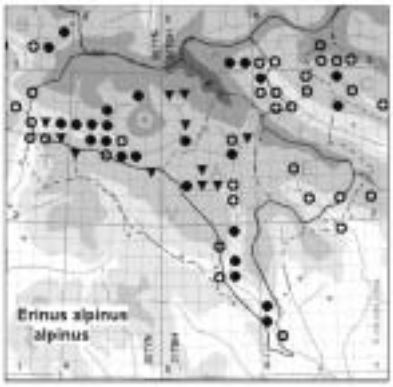
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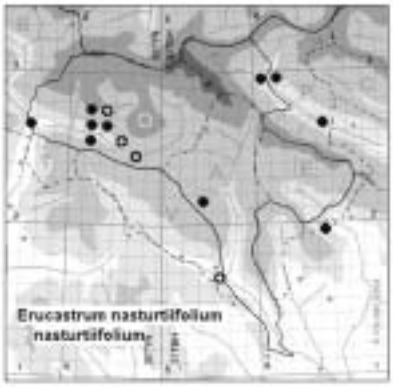
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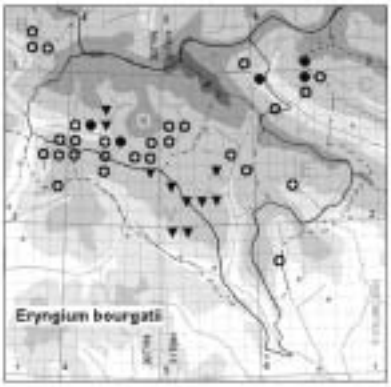
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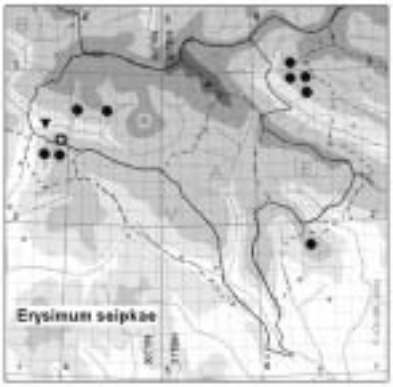
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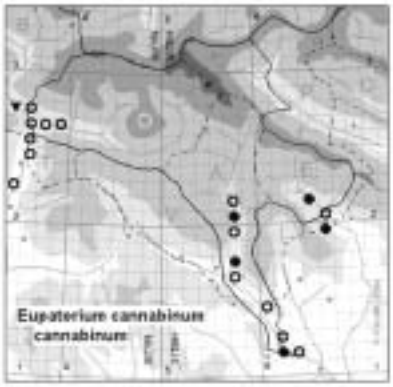
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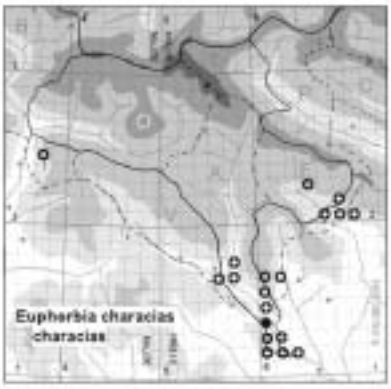
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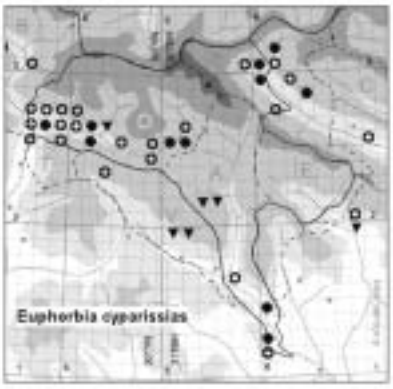
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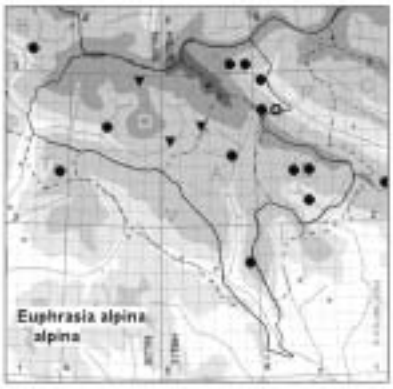
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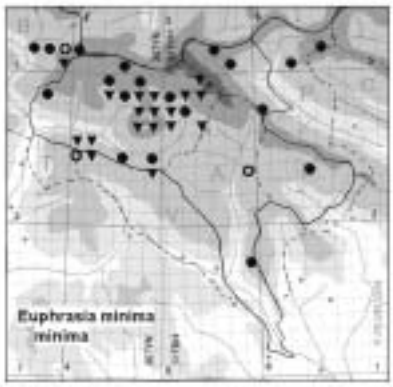
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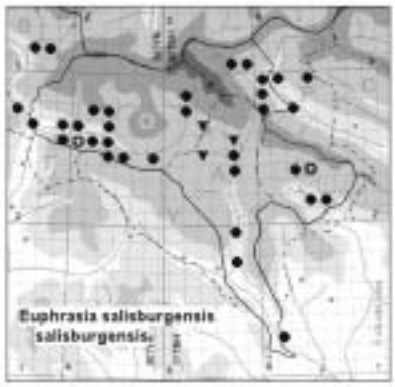
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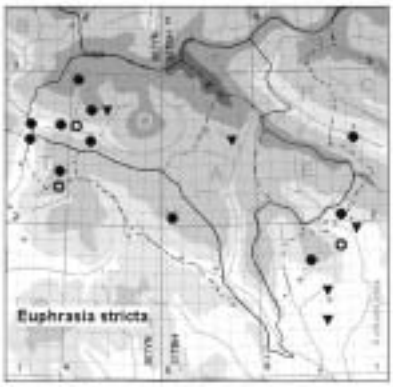
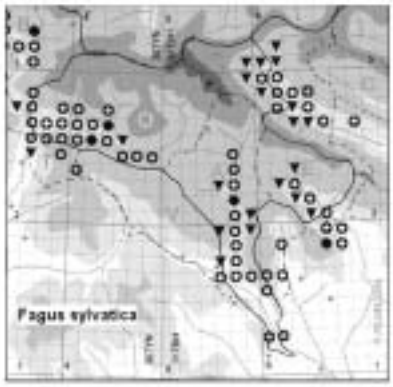

Euphrasia stricta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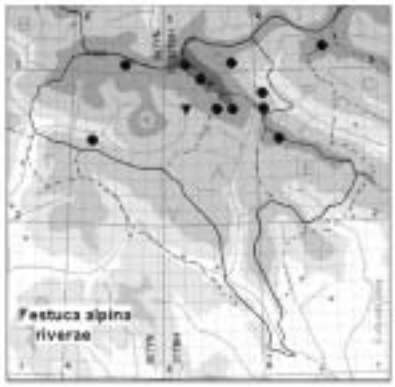
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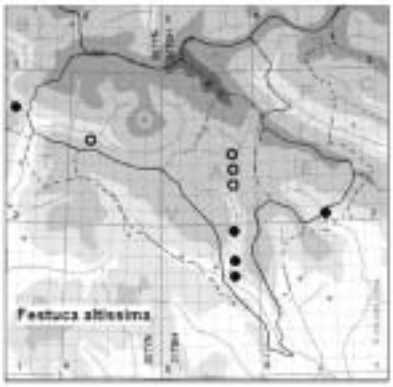
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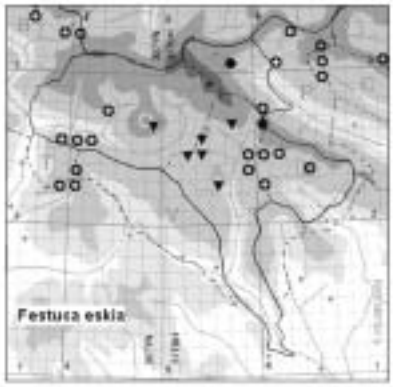
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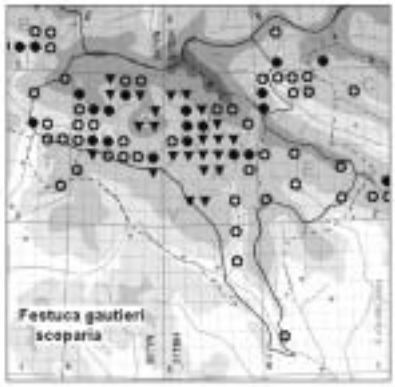
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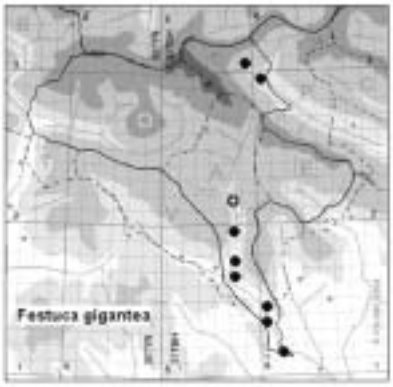
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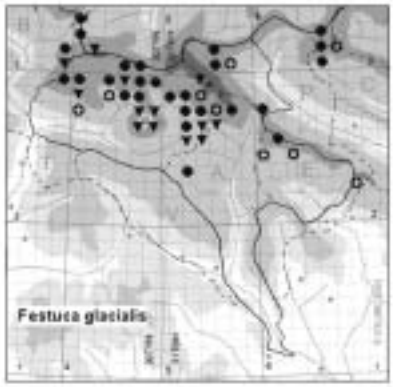
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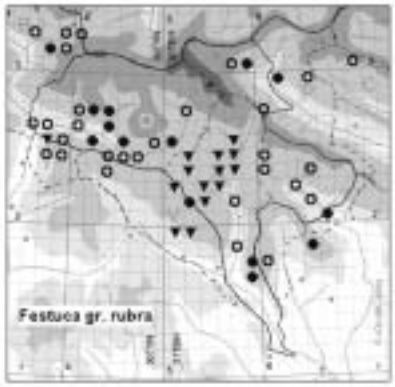
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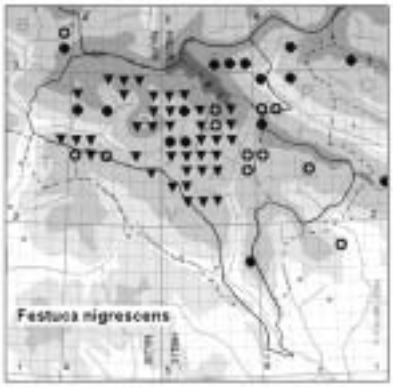
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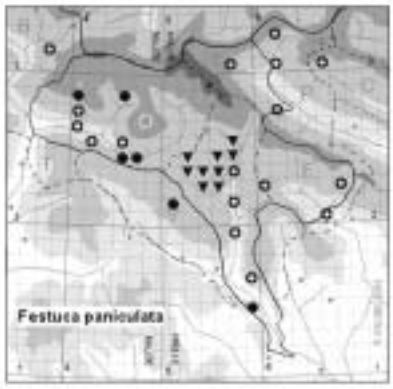
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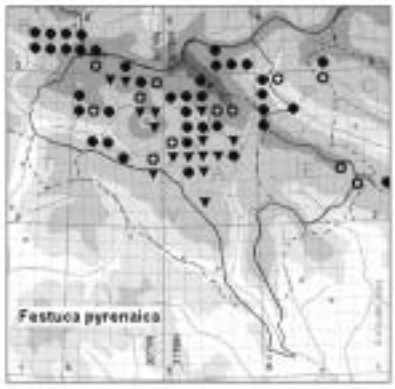
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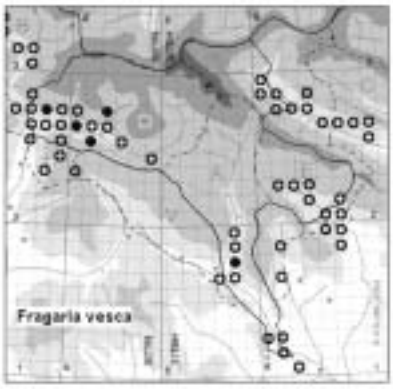
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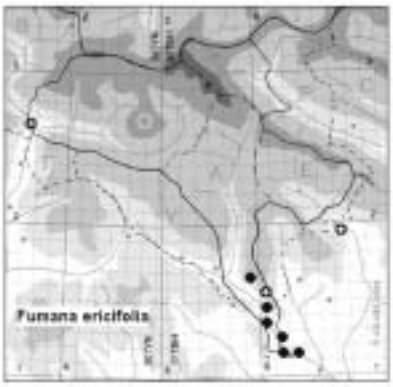
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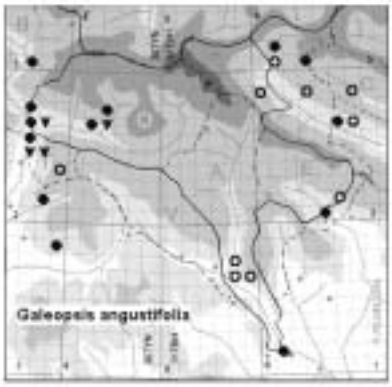
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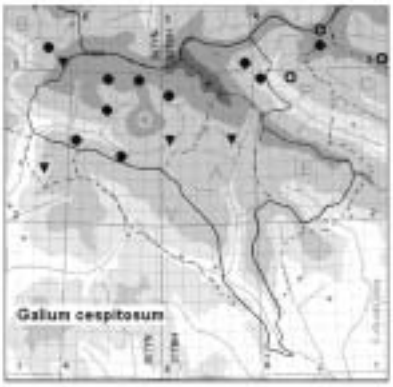
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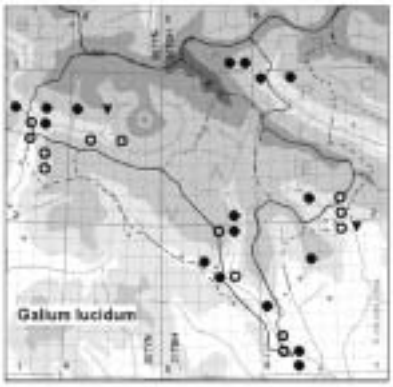
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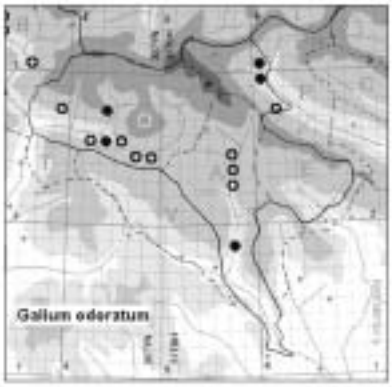
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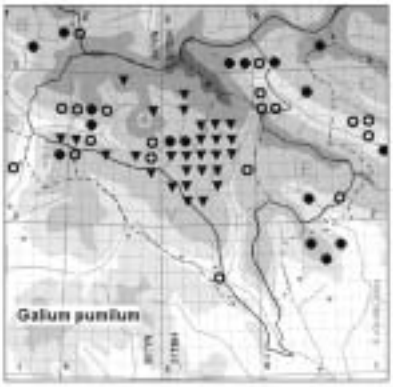
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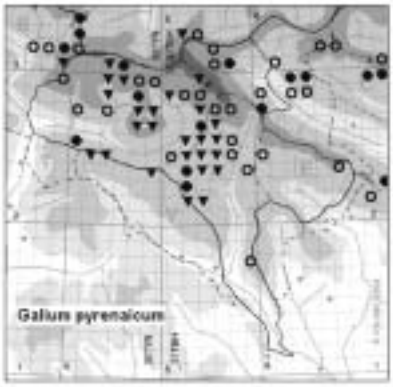
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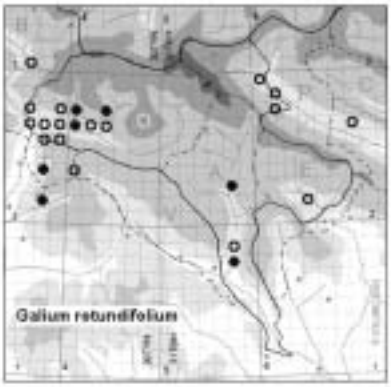
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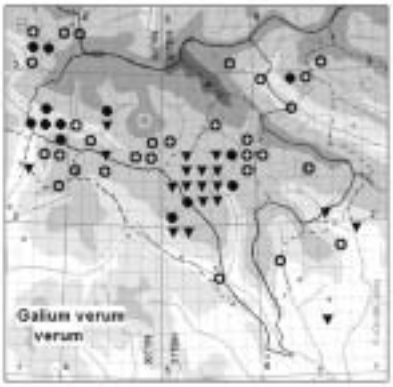
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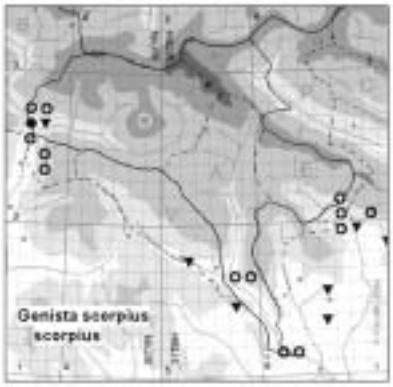
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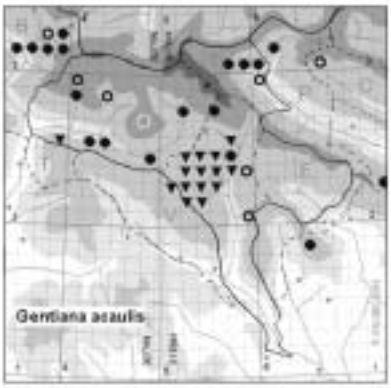
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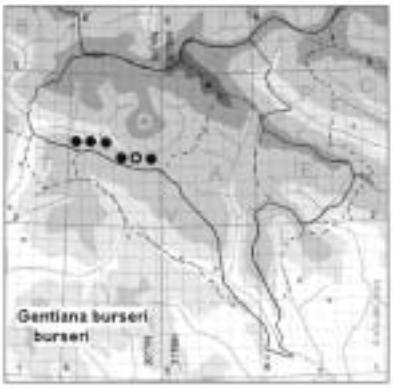
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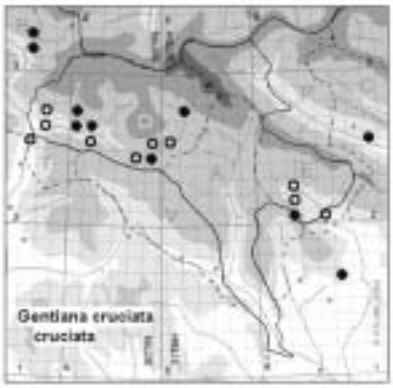
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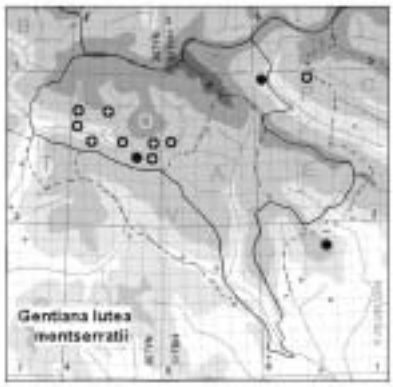
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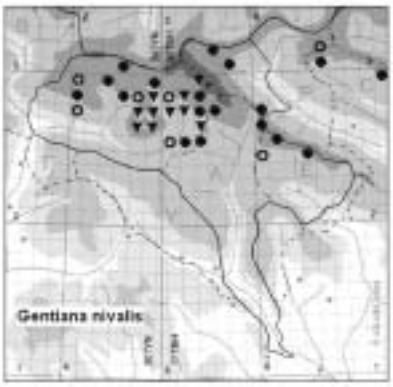
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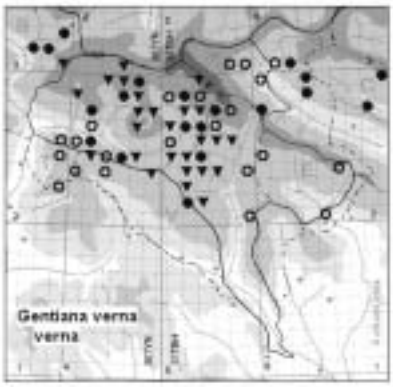
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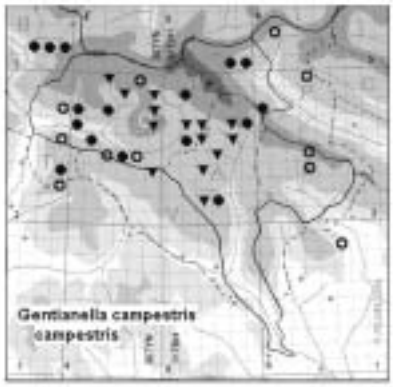
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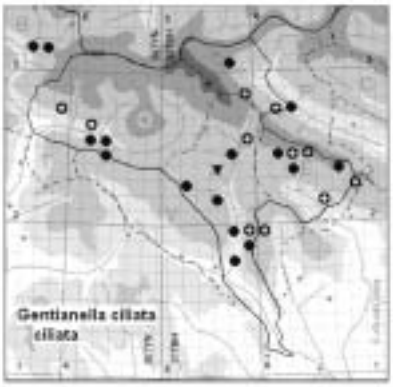
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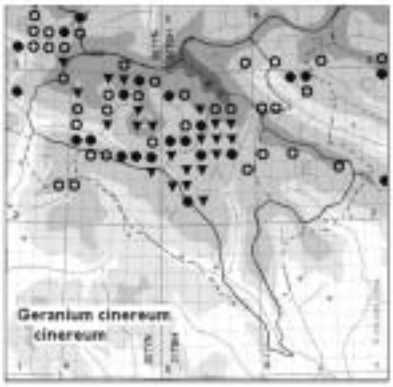
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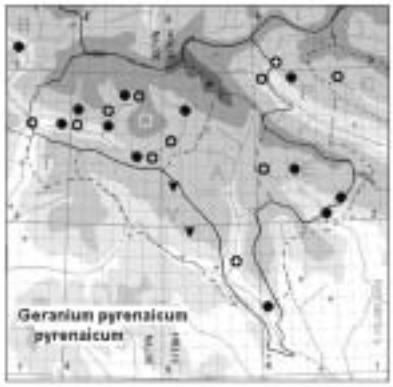
Geranium pyrenaicum
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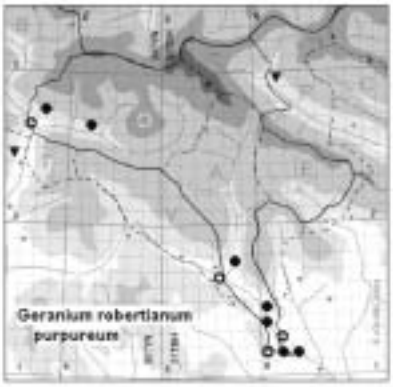
Geranium robertianum
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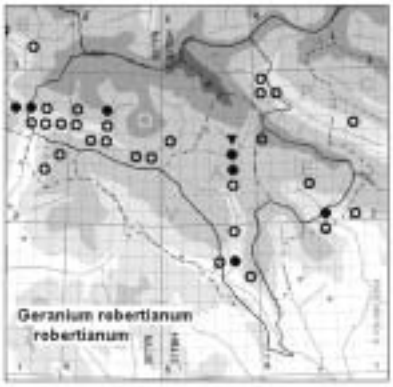
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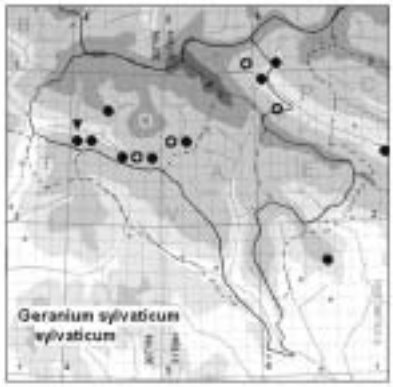
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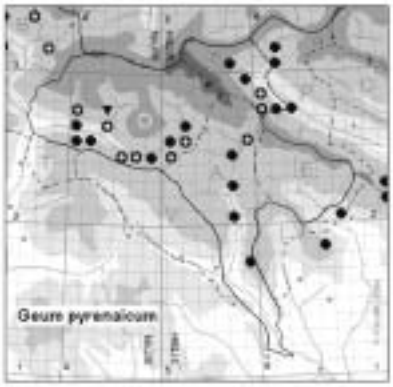
Geum montanum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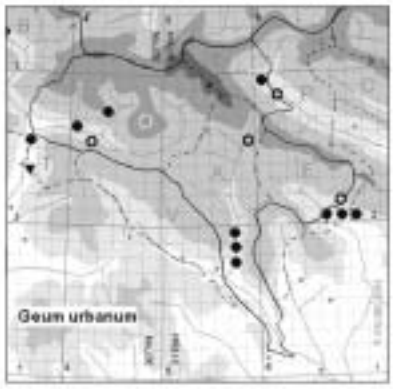
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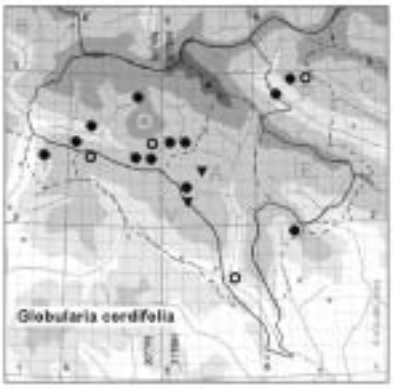
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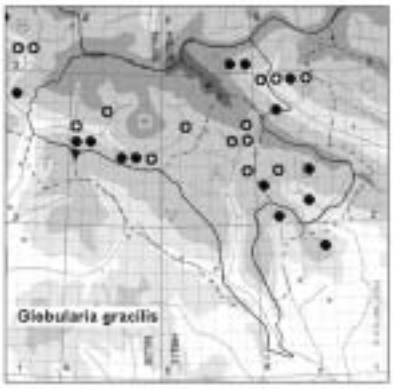
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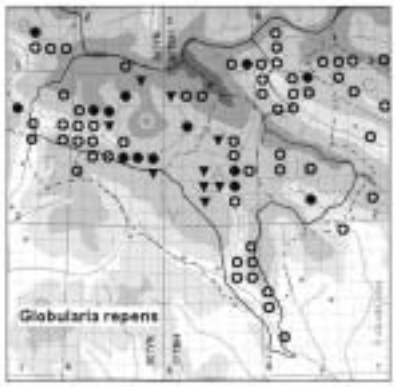
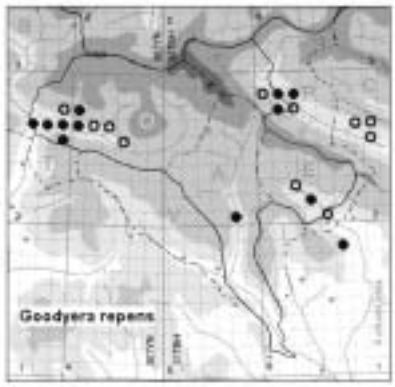
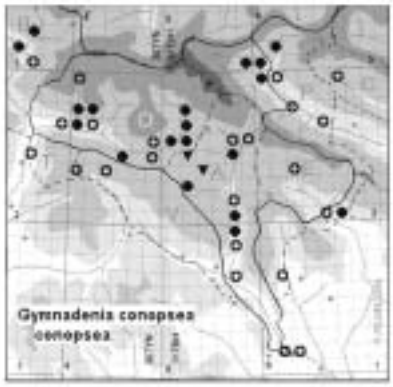
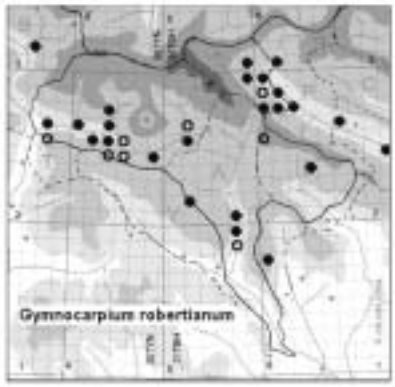
Globularia nudicaulis

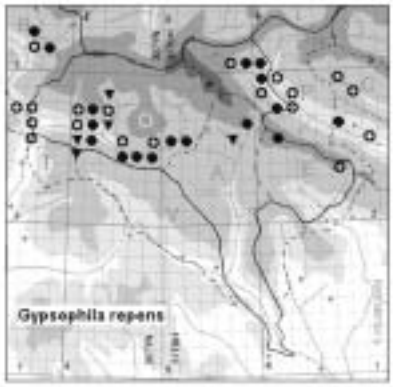

Globularia repens


Goodyera repens


Gymnadenia conopsea
conopsea

Gymnocarpium dryopteris


Gymnocarpium robertianum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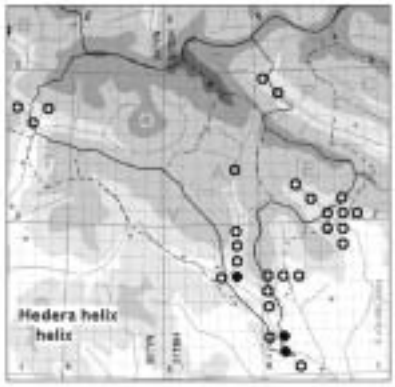
Hedera helix
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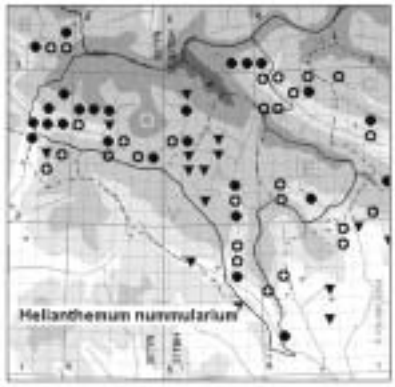
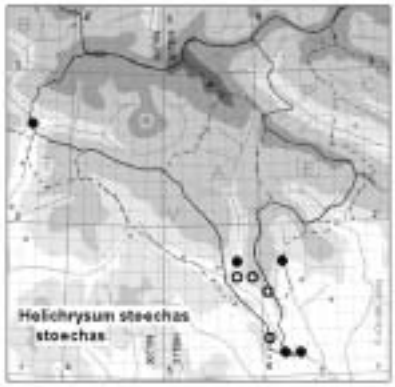

Helianthemum nummularium

Helianthemum oelandicum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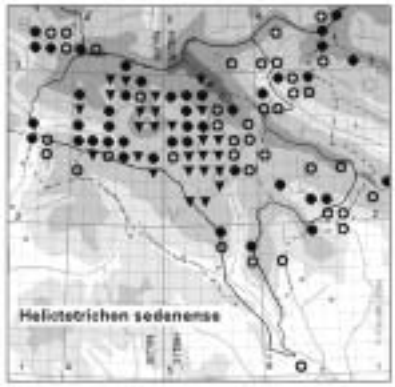
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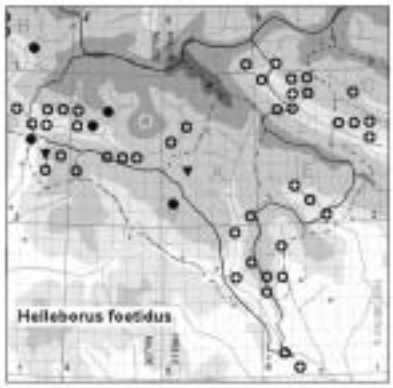
Helleborus foetidus

Helleberus viridis
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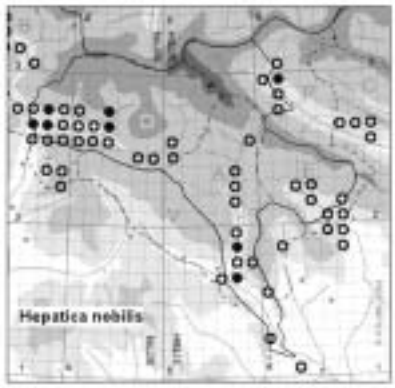
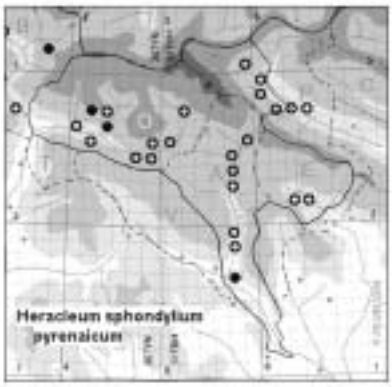

Hepatica nobilis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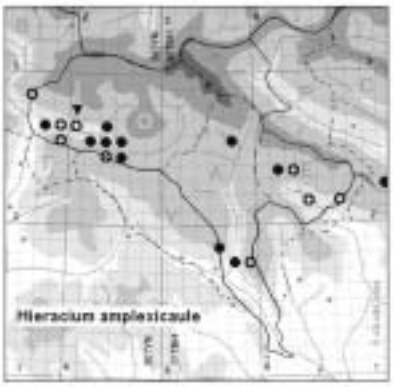
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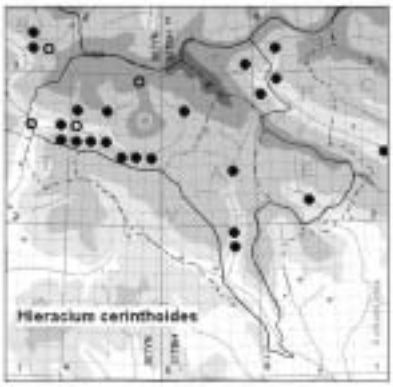
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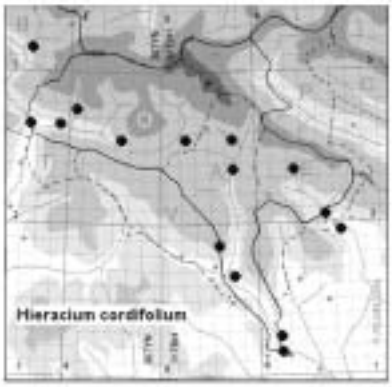
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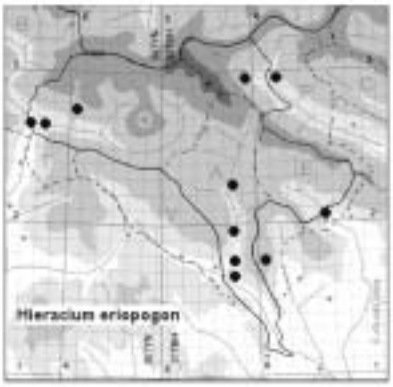
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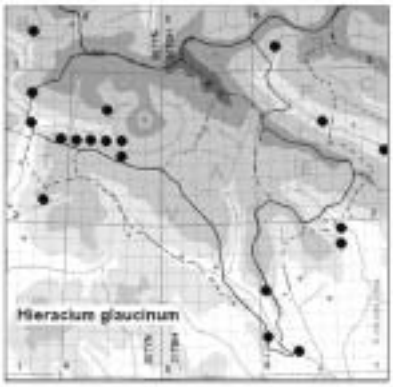
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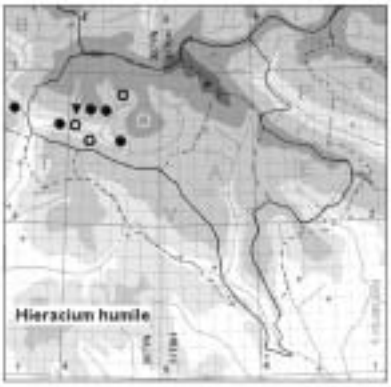
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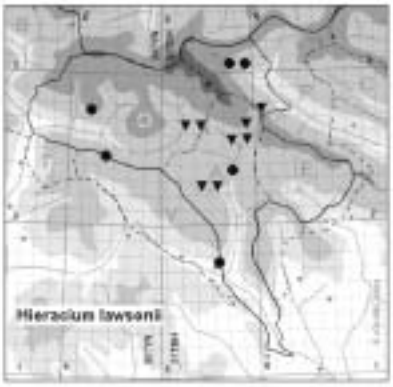
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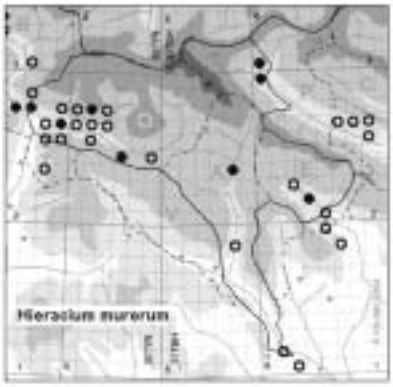
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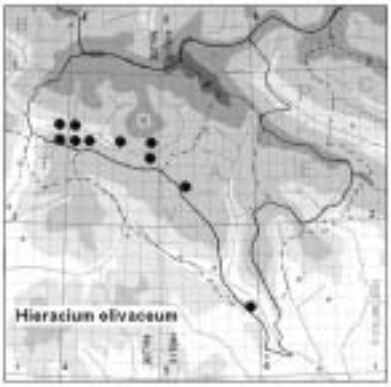
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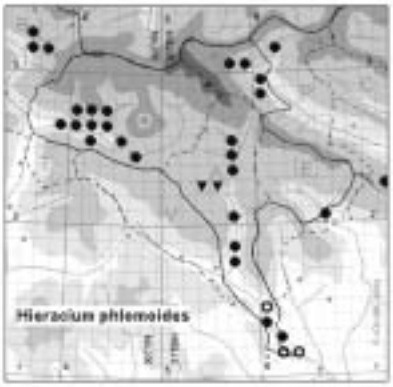
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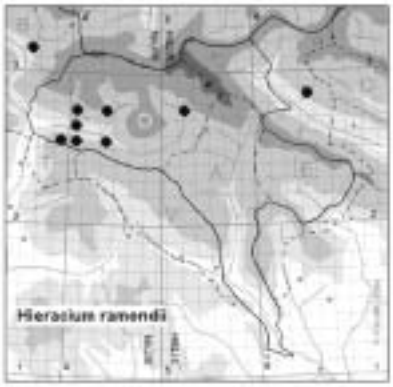
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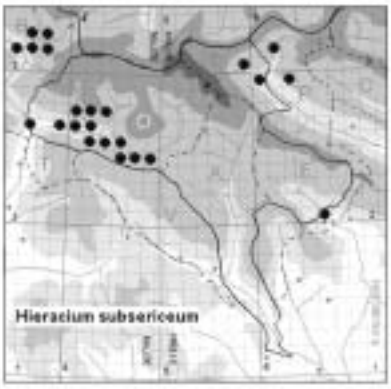
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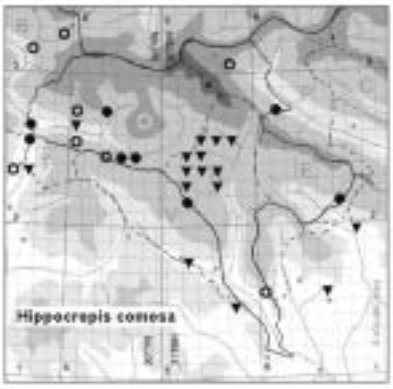
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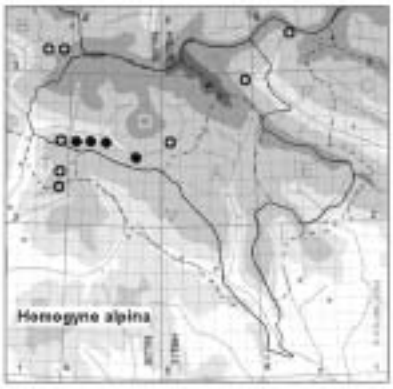
Homogyne alpina

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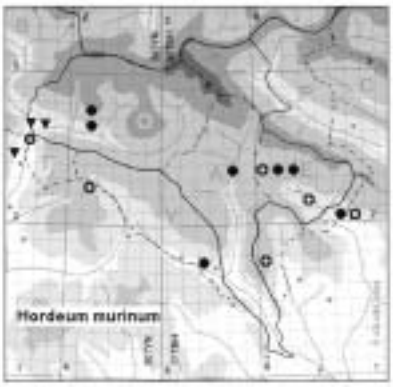
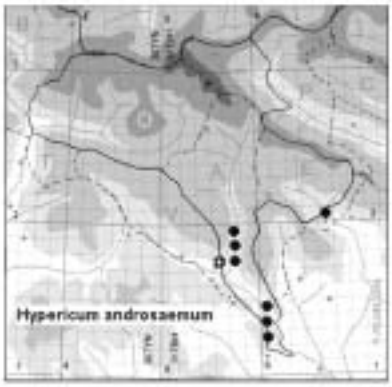

Hordeum murinum

Hornungia petraea
petraea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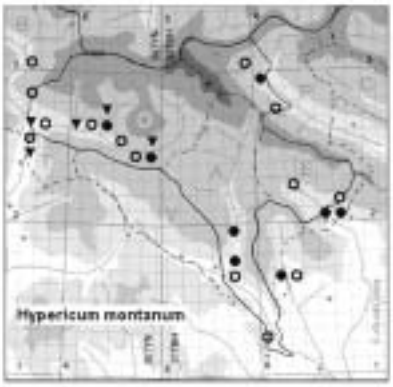
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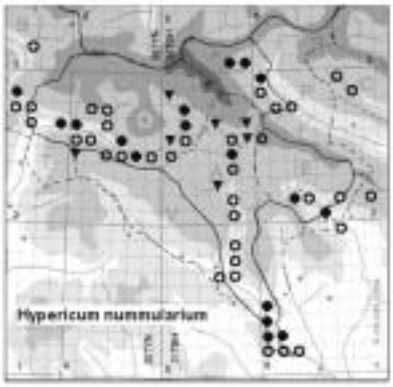
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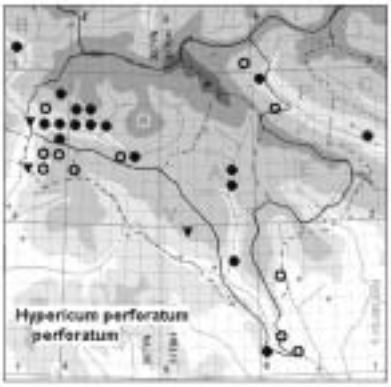
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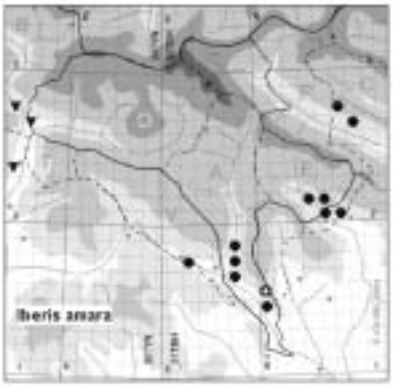
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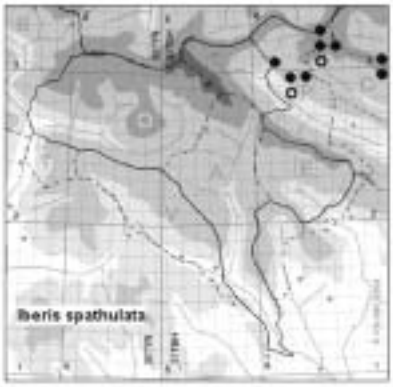
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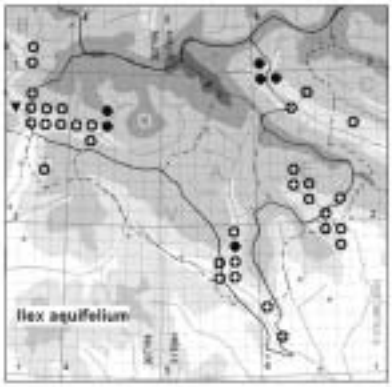
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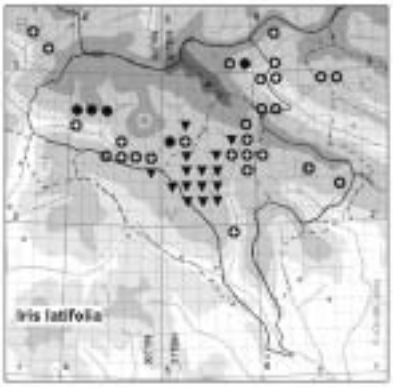
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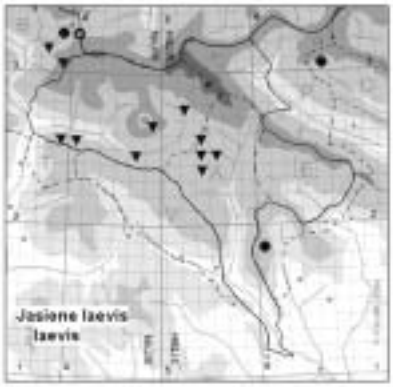
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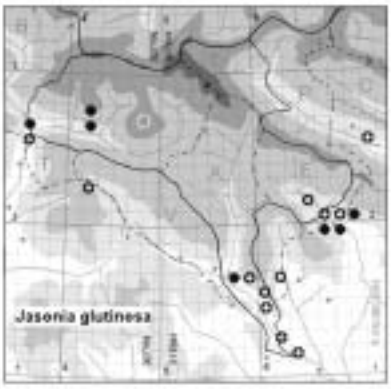
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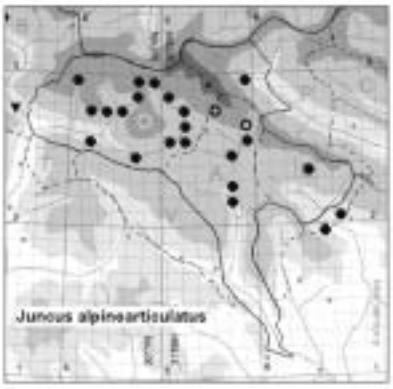
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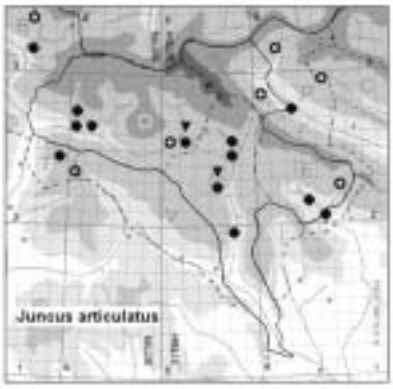
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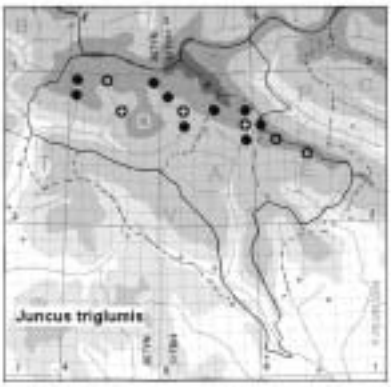
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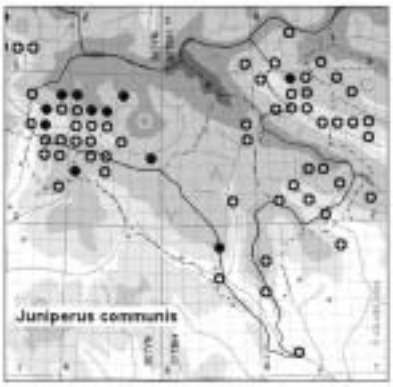
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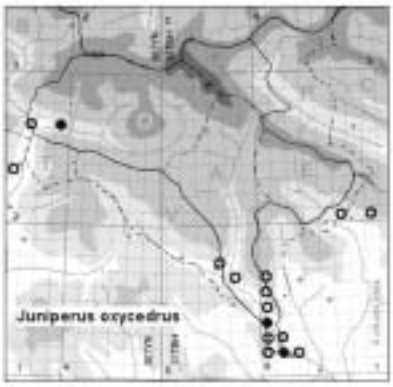
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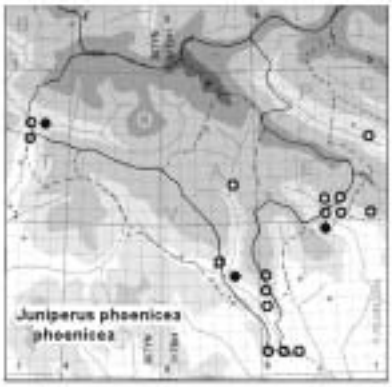
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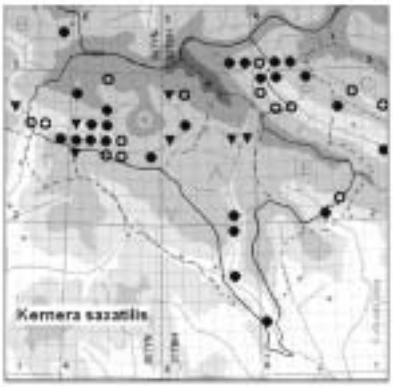
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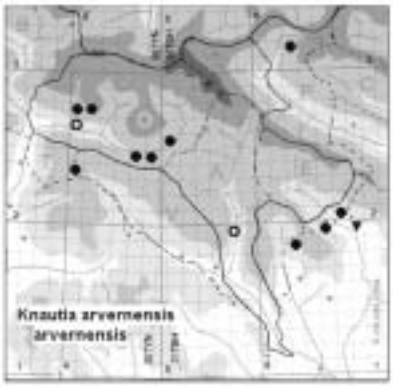
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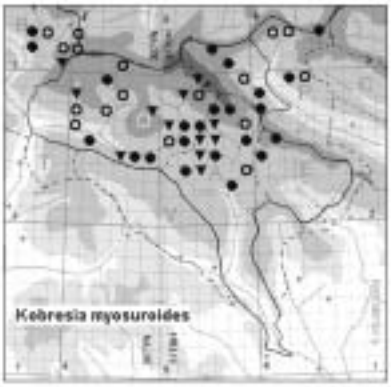
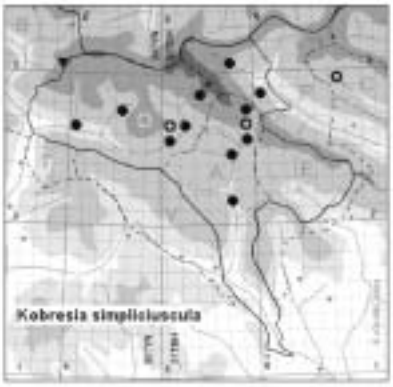
arvernensis


Kobresia myosuroides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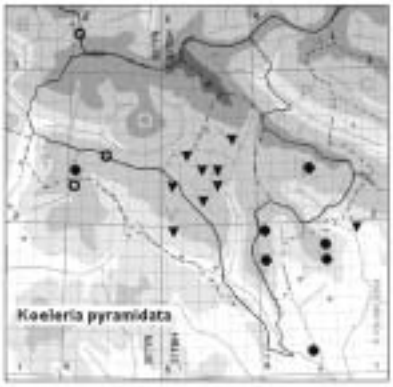
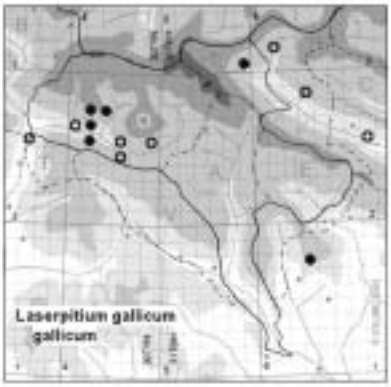

Koeleria pyramidata


Laserpitium gallicum
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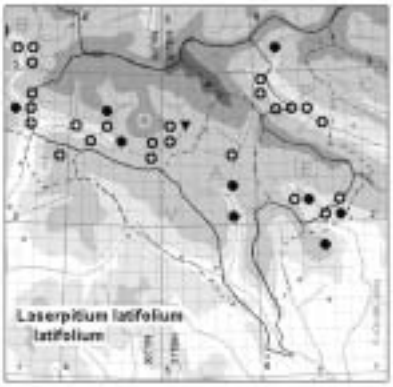
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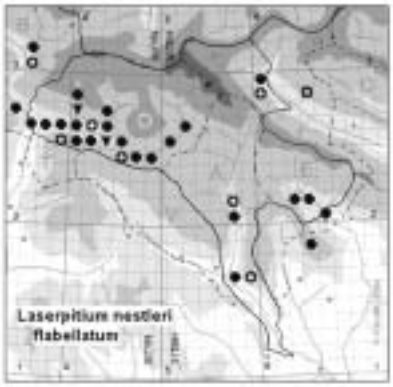
Laserpitium nestleri
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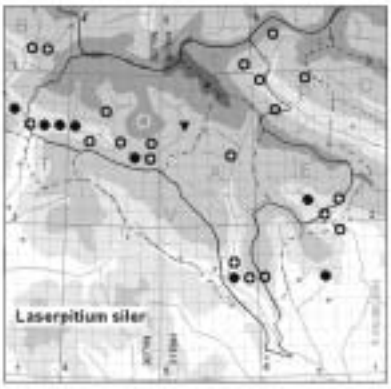
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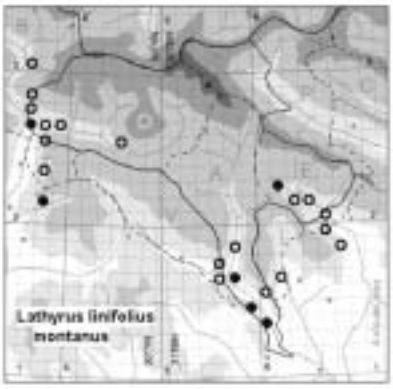
Lathyrus linifolius
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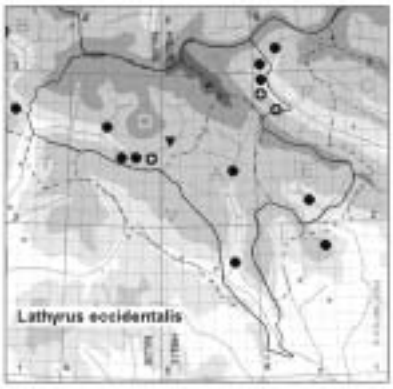
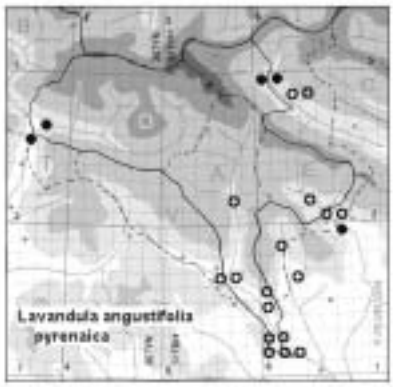

Lathyrus occidentalis


Lavandula angustifolia
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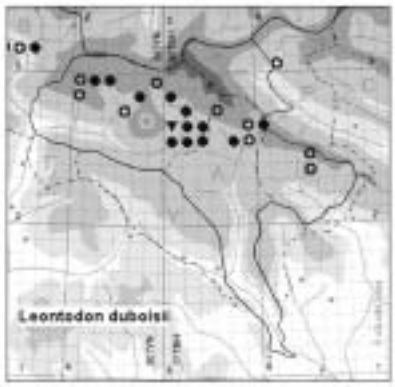
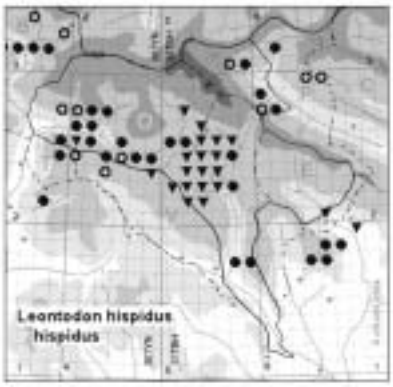

Leontodon duboisii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Leontodon pyrenaicus
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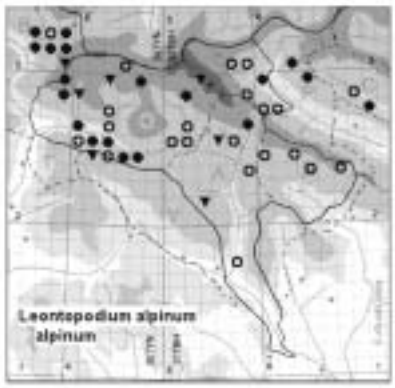
Leontopodium alpinum
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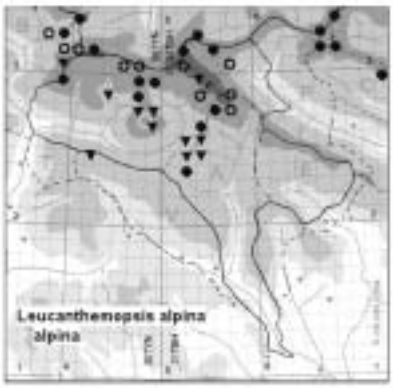
Leucanthemopsis alpina
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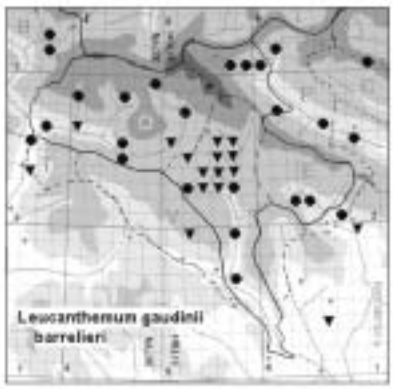
Leucanthemum gaudinii
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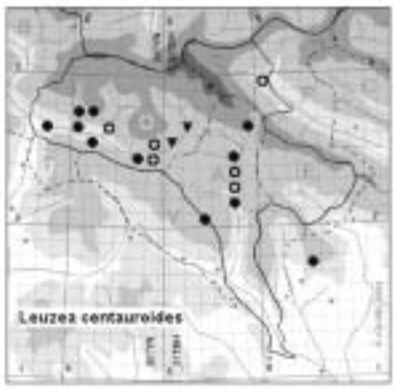
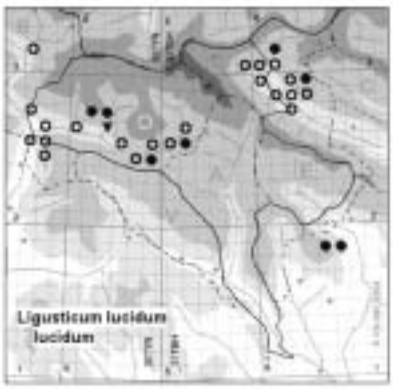

Leuzea centauroides


Ligusticum lucidum
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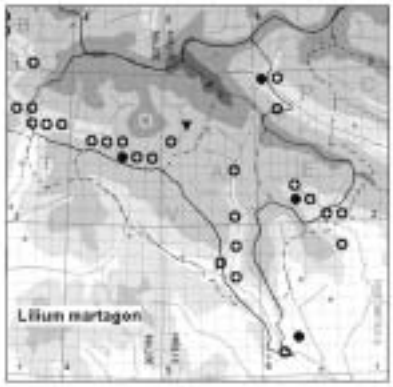
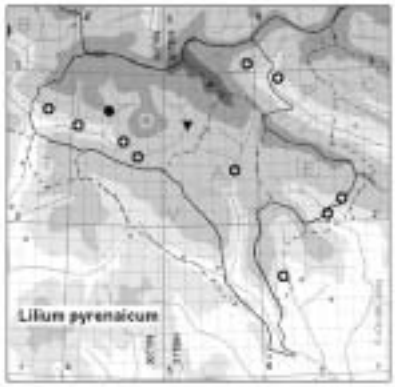
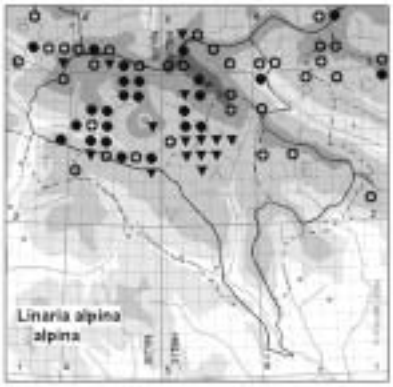

Lilium martagon


Lilium pyrenaicum


Linaria alpina
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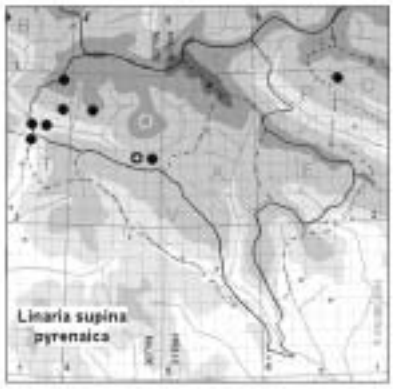
Linaria supina
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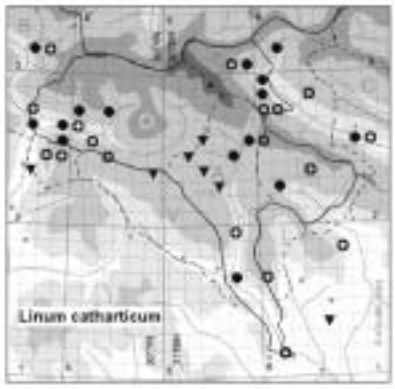
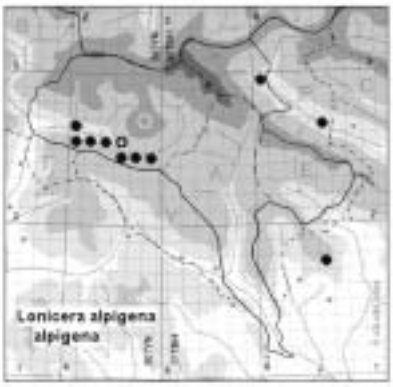
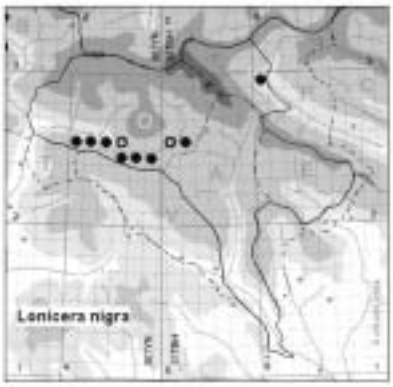
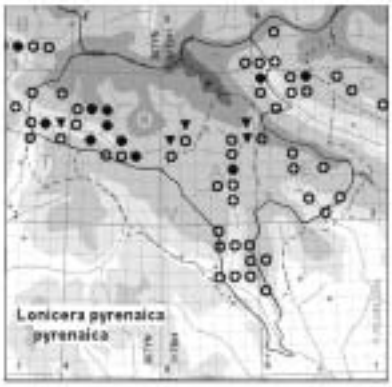

Linum catharticum

Listera cordata

Lithospermum officinale


Lonicera alpigena
alpigena


Lonicera nigra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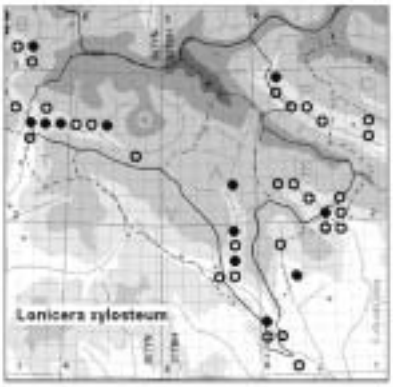
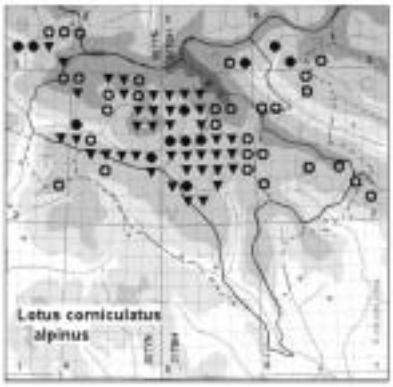
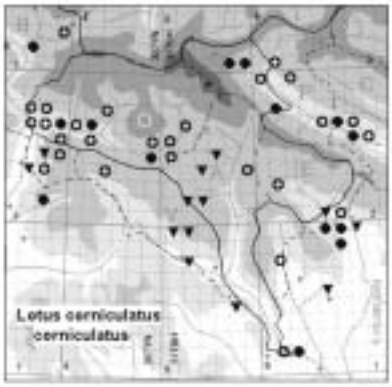

Lonicera xylosteum


Lotus corniculatus
alpinus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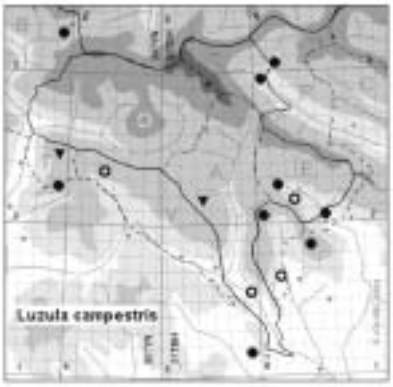
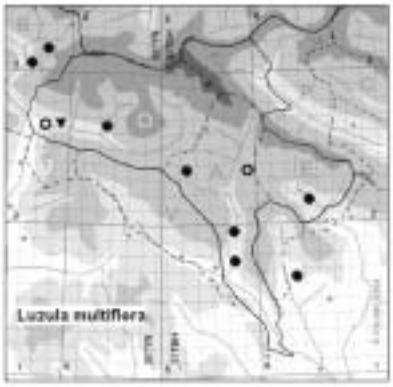
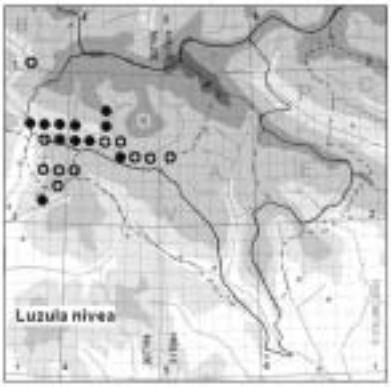
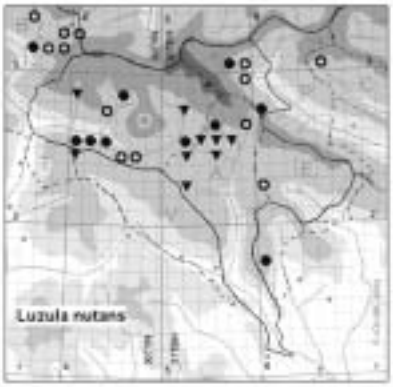
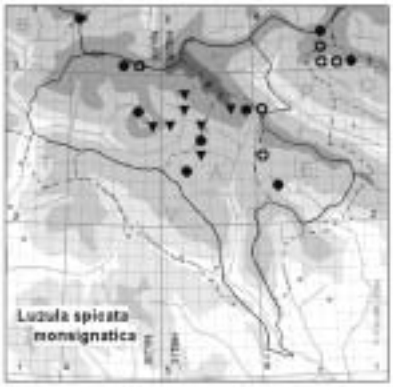

Luzula campestris


Luzula multiflora


Luzula nivea


Luzula nutans


Luzula spicata
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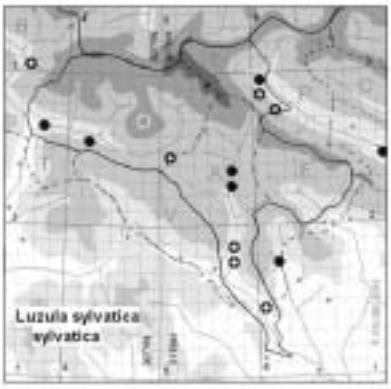
Luzula sylvatica
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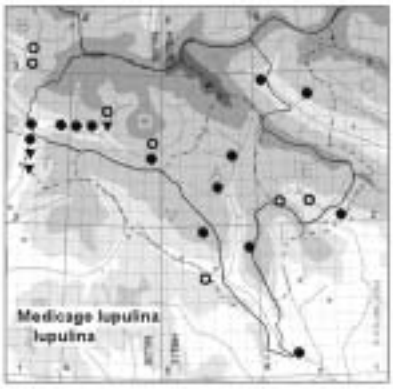
Mesonepsis cambrica


Medicago lupulina
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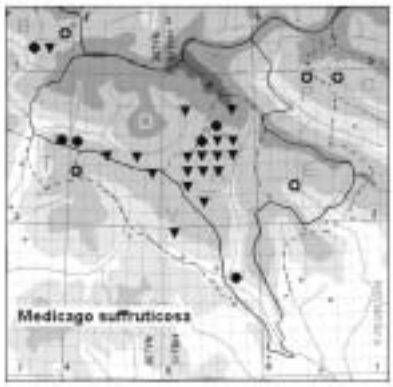
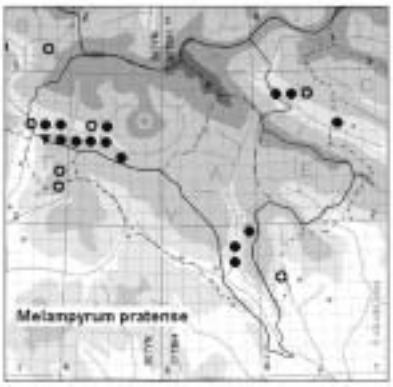

Medicago suffruticosa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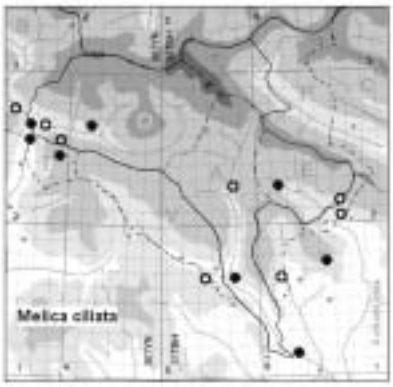
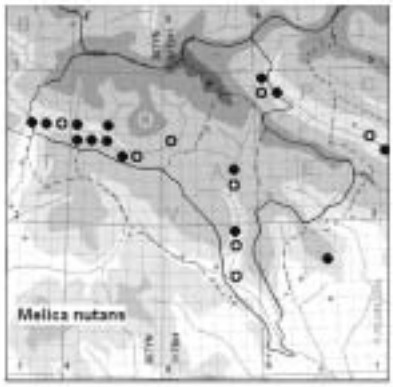
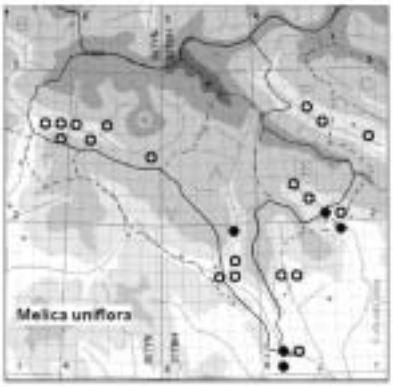
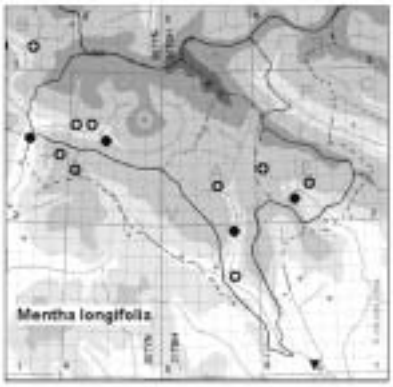
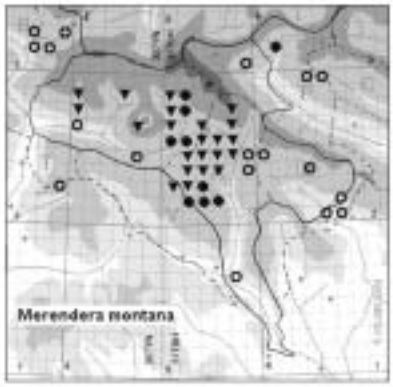
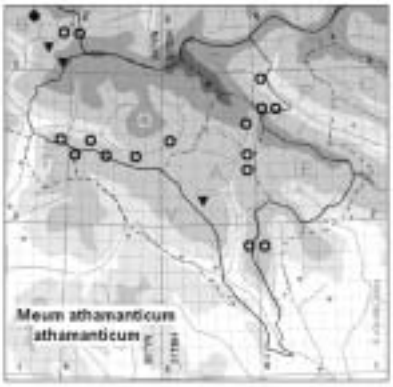

Melica ciliata

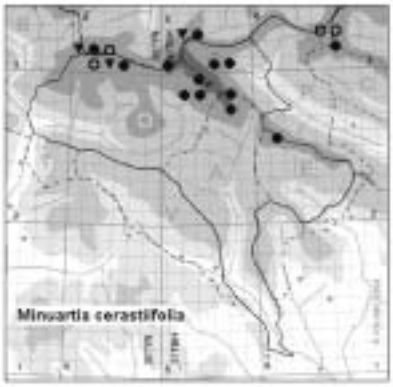

Melica nutans


Melica uniflora

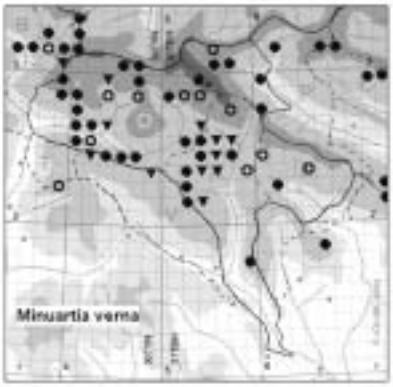

Mentha longifolia


Merendera montana


Meum athamanticum
athamanticum


Minuartia cerastifolia

Minuartia sedoides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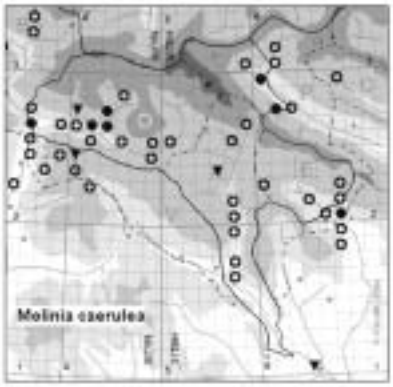
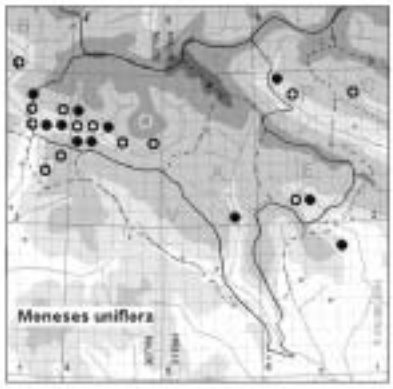
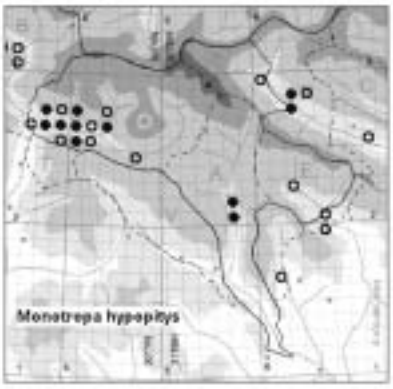
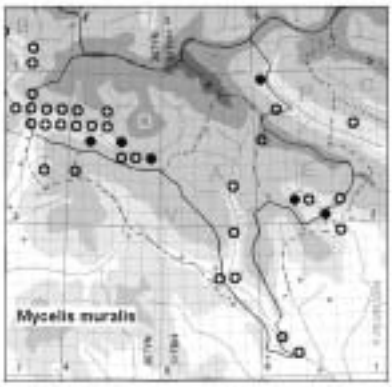
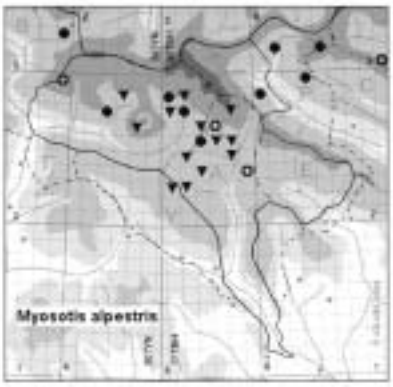

Molinia caerulea


Meneses uniflora

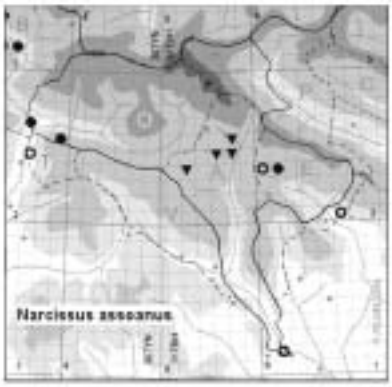

Monotropa hypopitys

Murbeckiella pinnatifida


Mycelis muralis


Myosotis alpestris

Narcissus alpestris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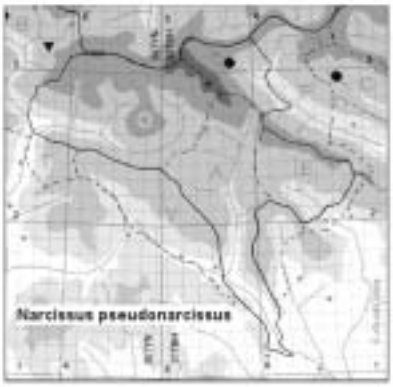
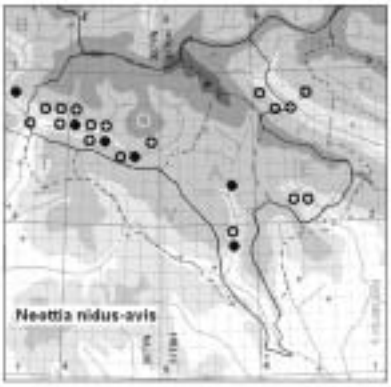
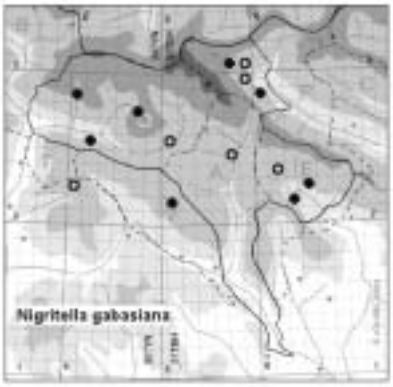

Narcissus pseudonarcissus

Nardus stricta


Neottia nidus-avis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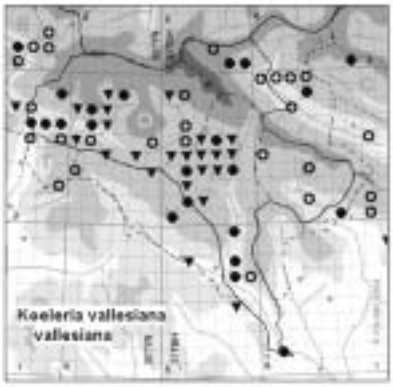
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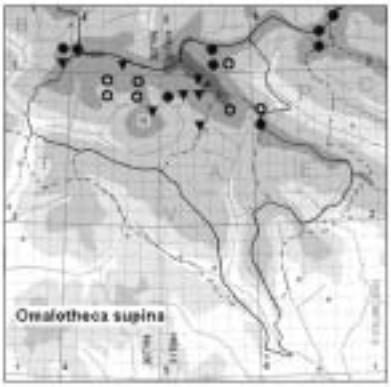
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Onobrychis pyrenaica

Ononis aragonensis

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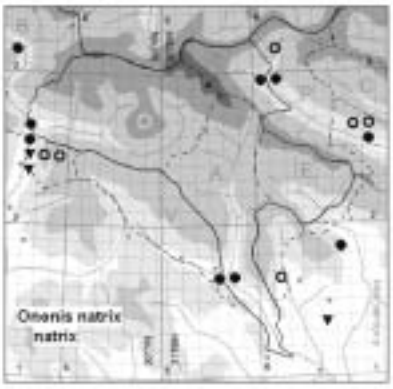
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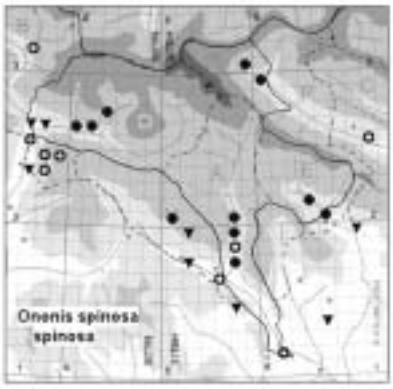
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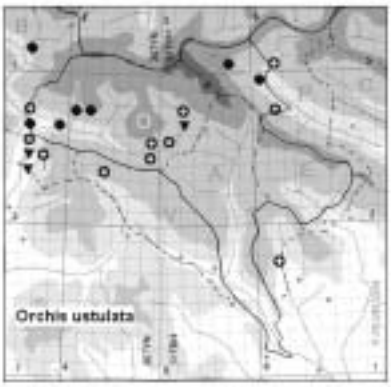
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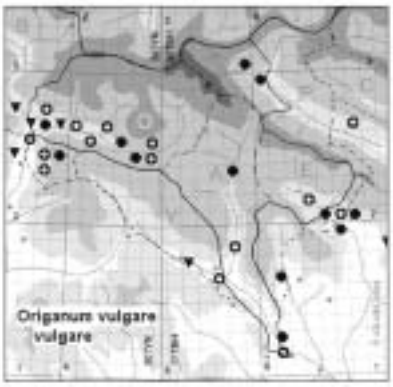
Origanum vulgare
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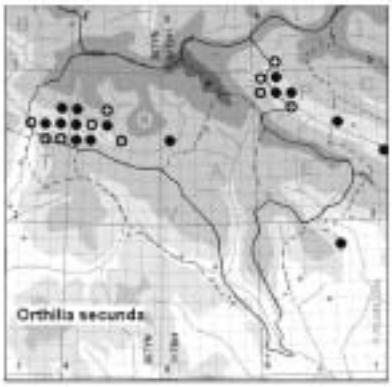
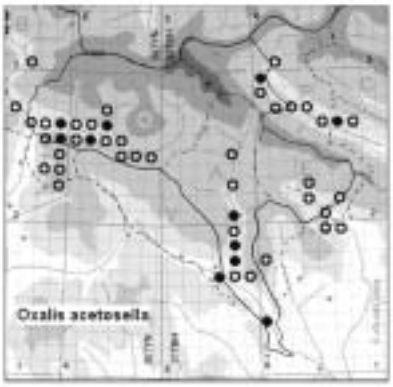
Orobanche haenseleri


Orthilia secunda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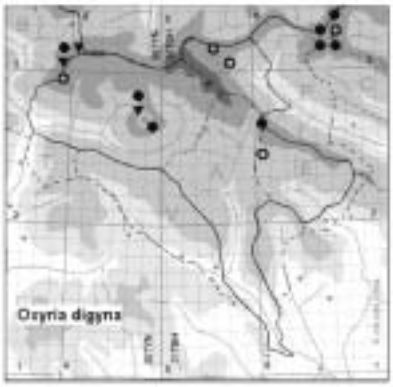
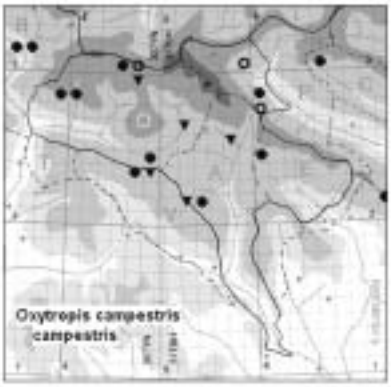

Oxyria digyna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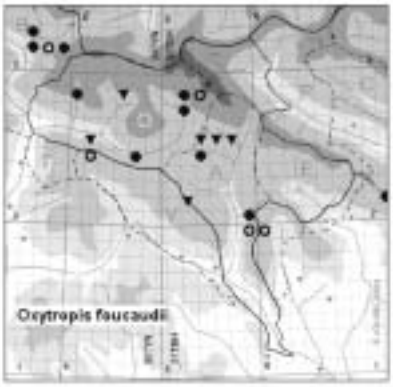
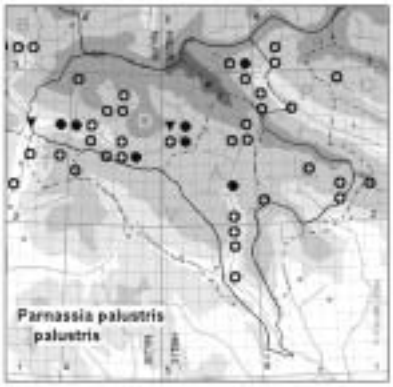

Oxytropis foucaudii

Oxytropis neglecta

Paradisea liliastrum

Paris quadrifolia


Parnassia palustris
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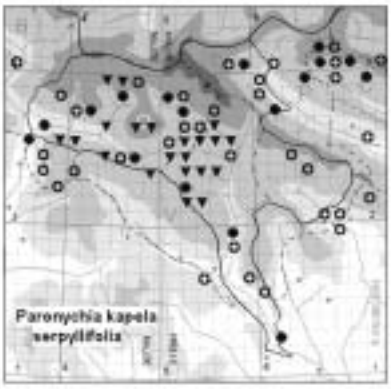
Paronychia kapela
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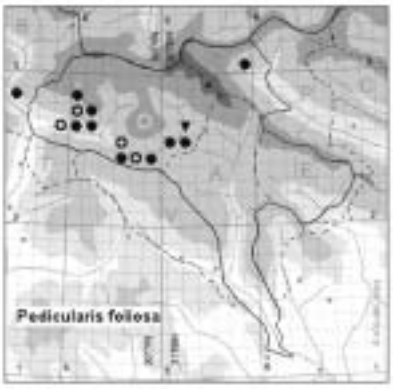
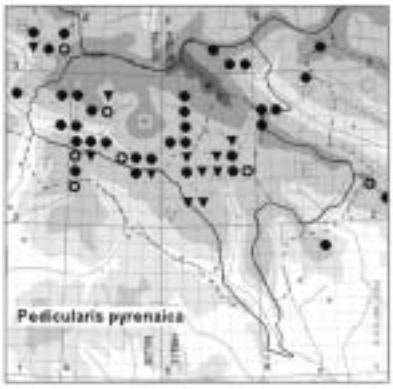

Pedicularis foliosa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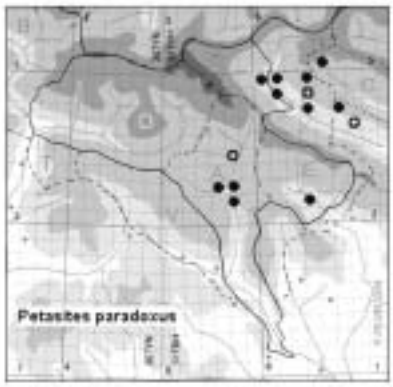
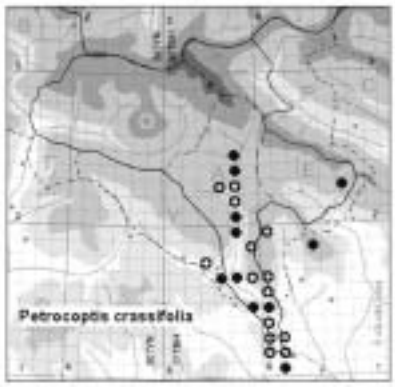

Petasites paradoxus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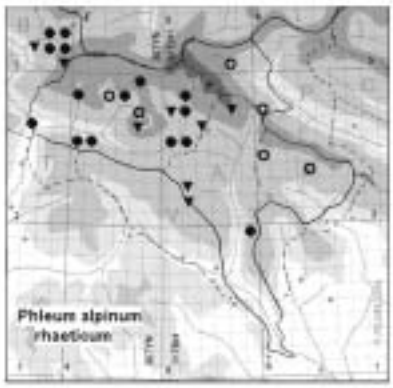
Phillyrea latifolia


Phleum alpinum
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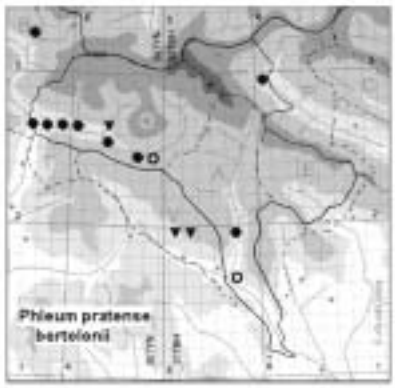
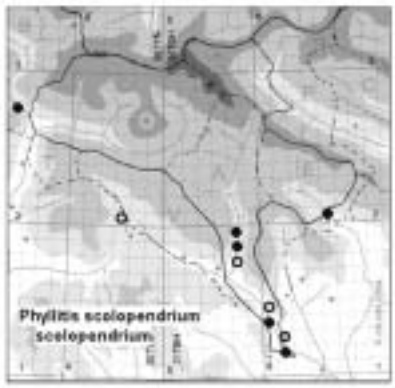
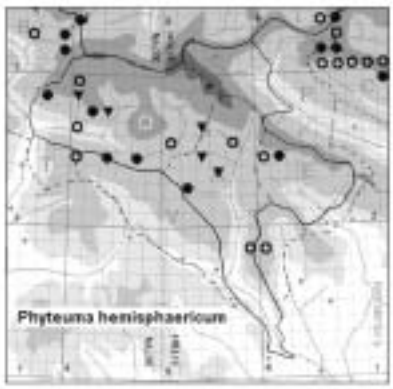
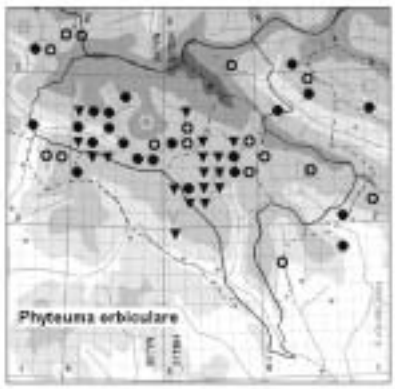
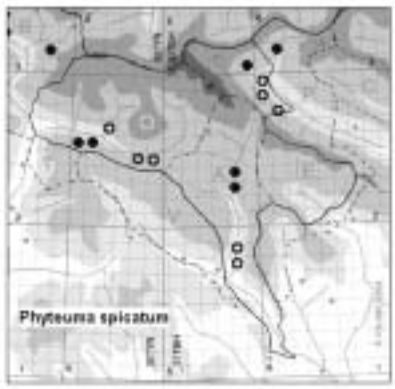

Phleum pratense
bertolonii


Phyllitis scolopendrium
scolopendrium


Phyteuma hemisphaericum


Phyteuma orbiculare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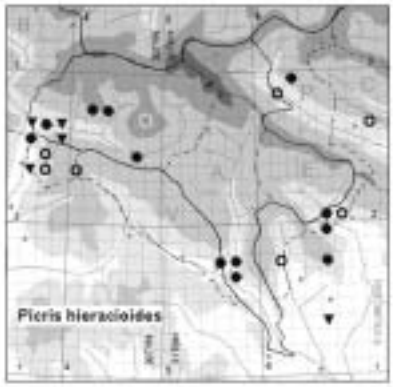
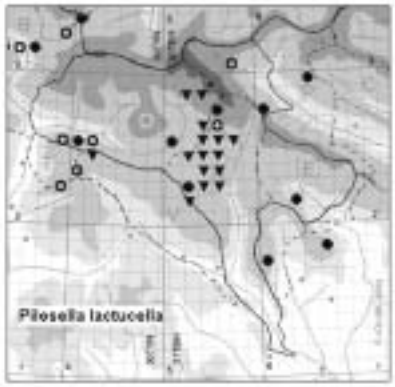
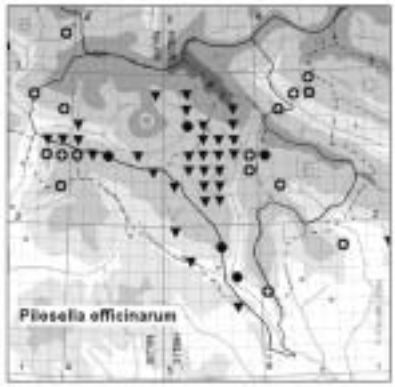

Picris hieracioides


Pilosella lactucella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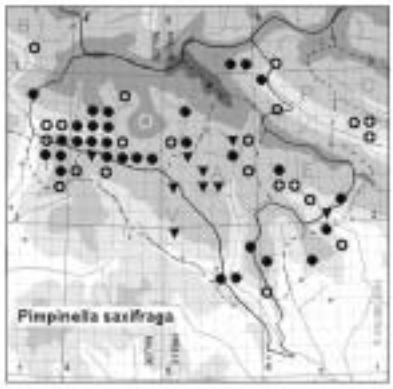
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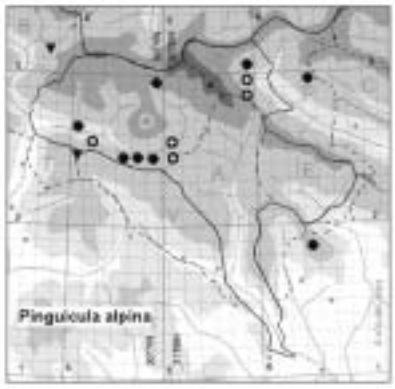
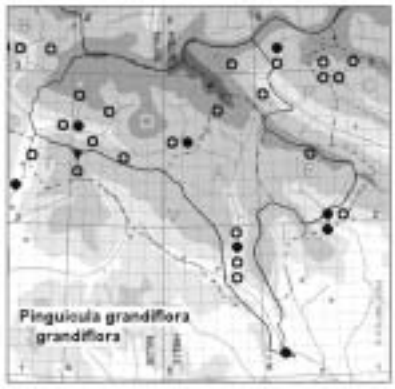

Pinguicula alpina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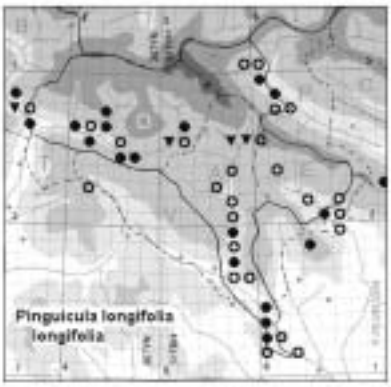
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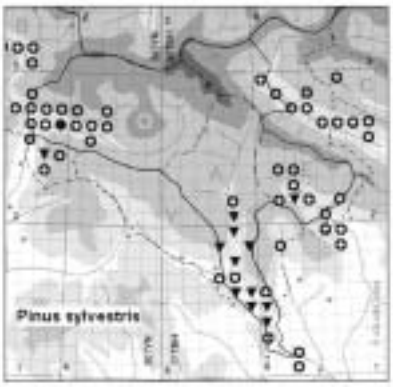
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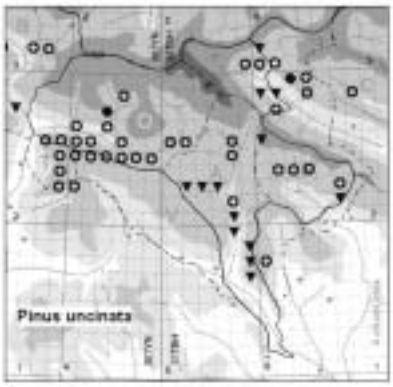
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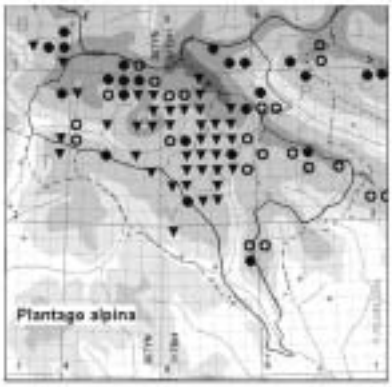
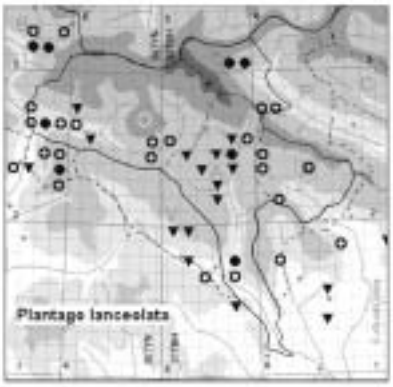

Plantago alpina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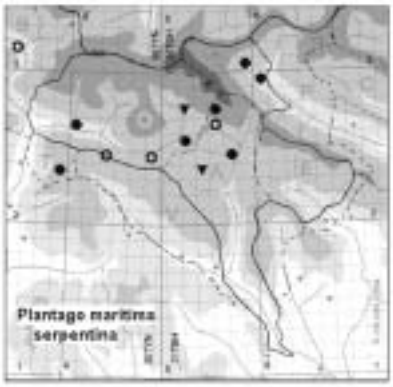
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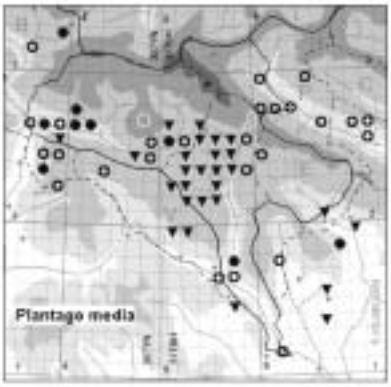
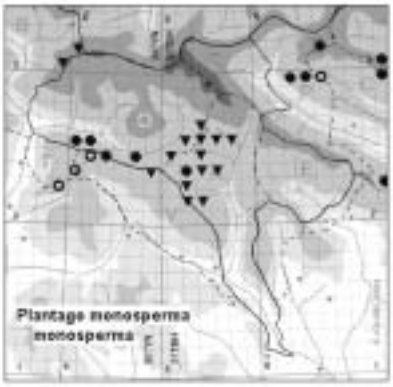

Plantago media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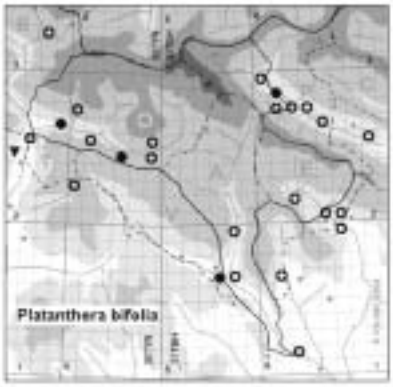
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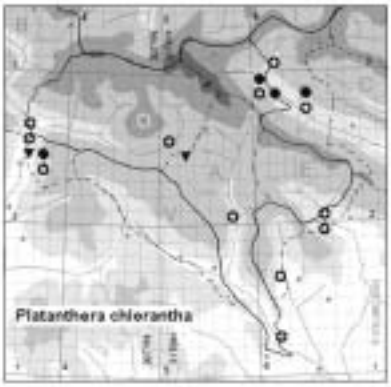
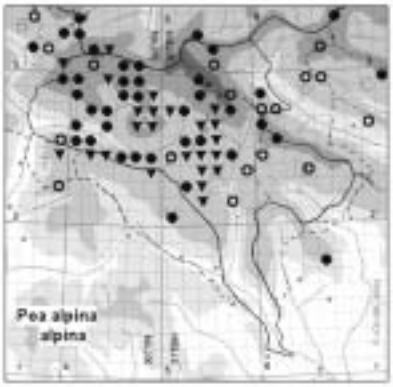
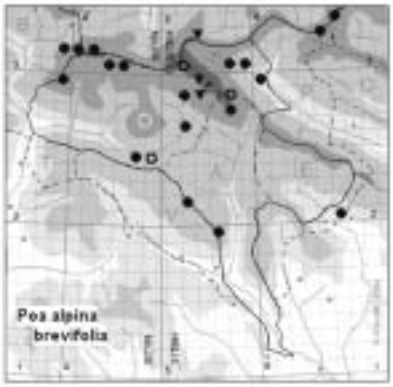

Platanthera chlorantha


Poa alpina
alpina


Poa alpina
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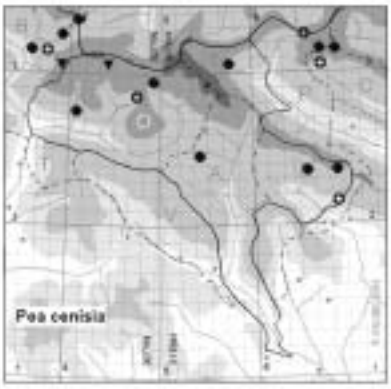
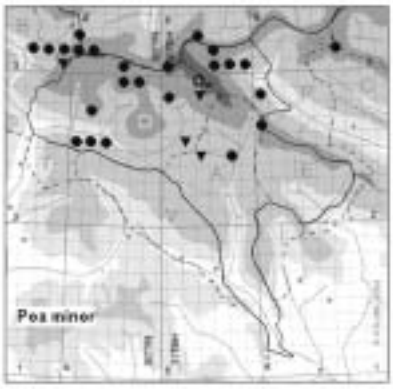

Poa cenisia

Poa compressa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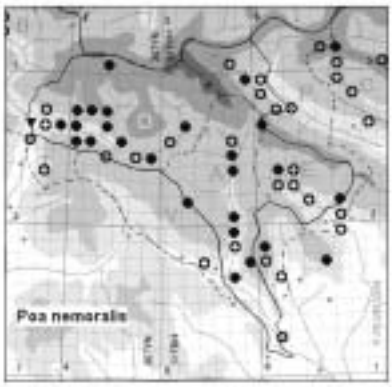
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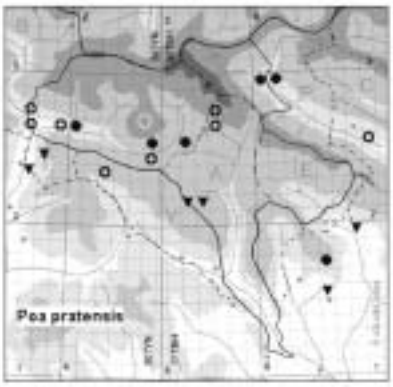
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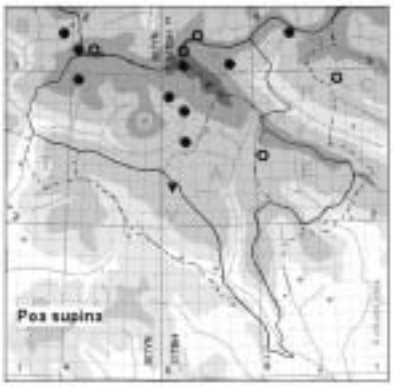
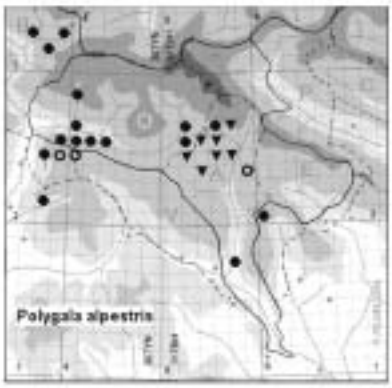

Poa supina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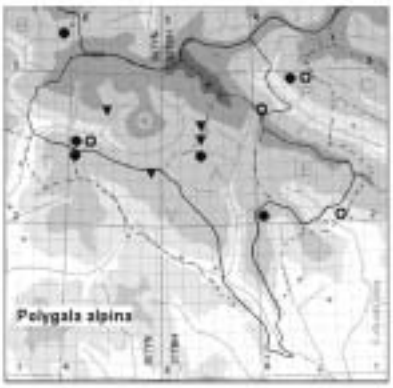
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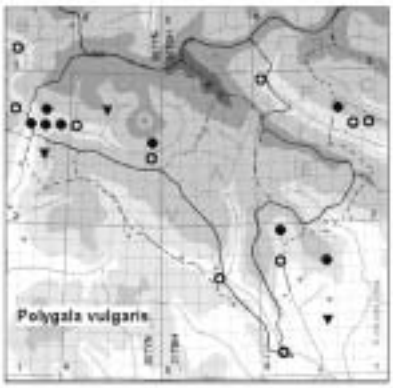
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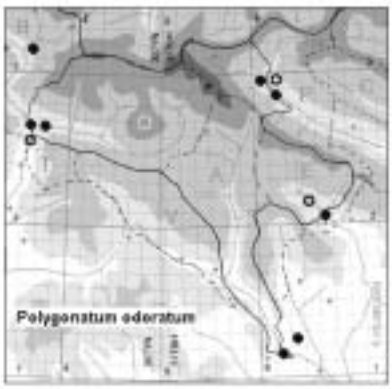
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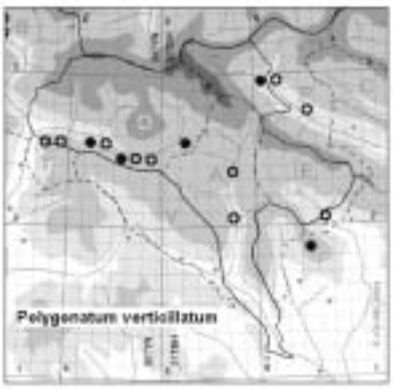
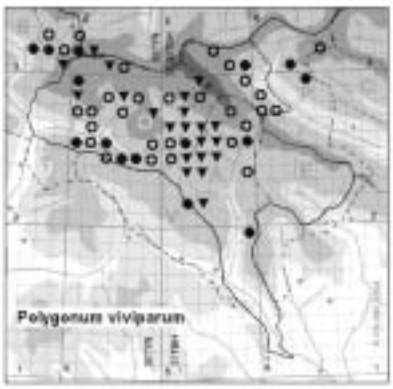

Polygonatum verticillatum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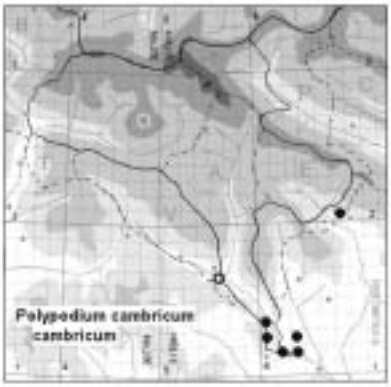
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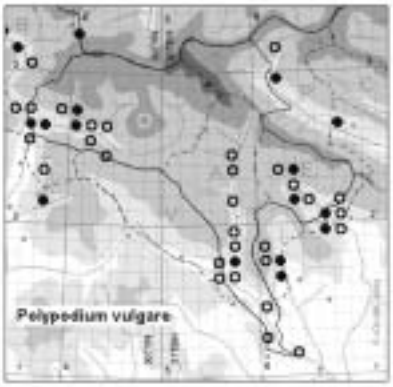
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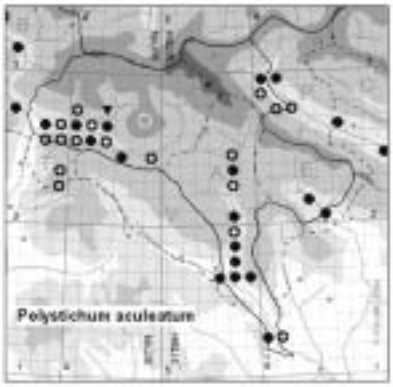
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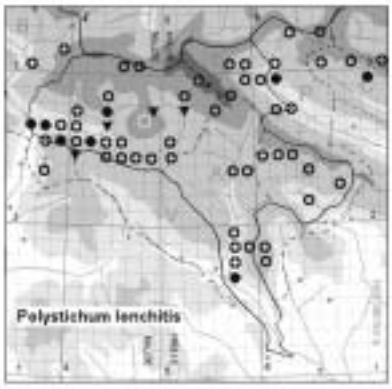
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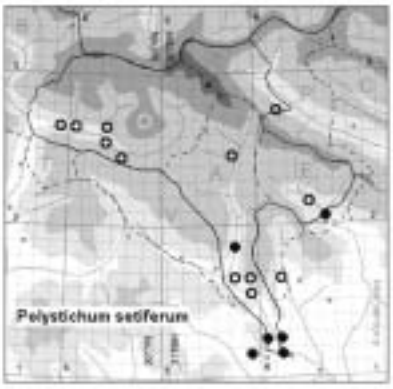
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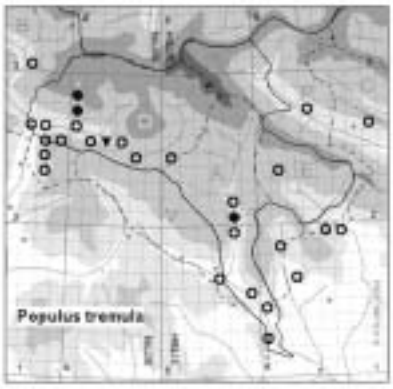
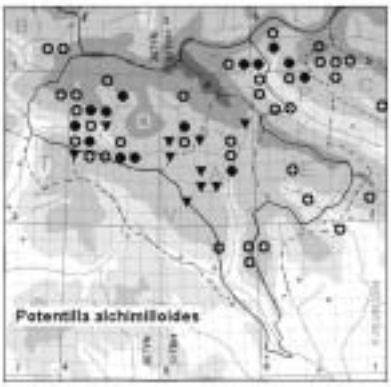

Populus tremula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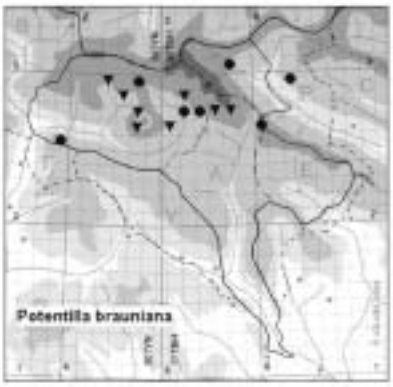
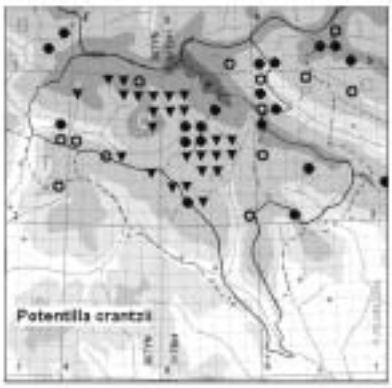

Potentilla brauniana

Potentilla caulescens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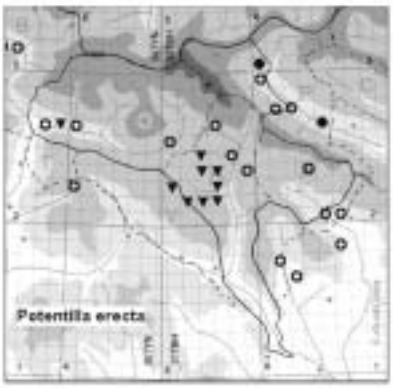
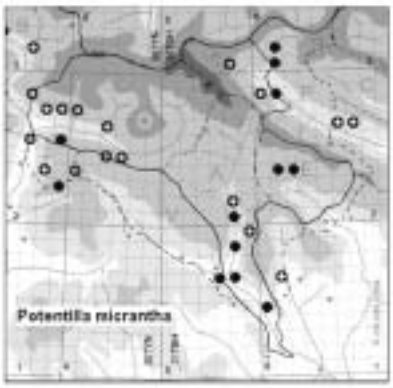

Potentilla erecta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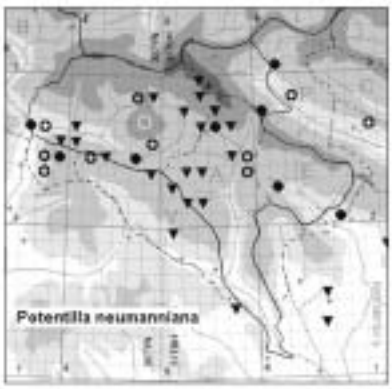
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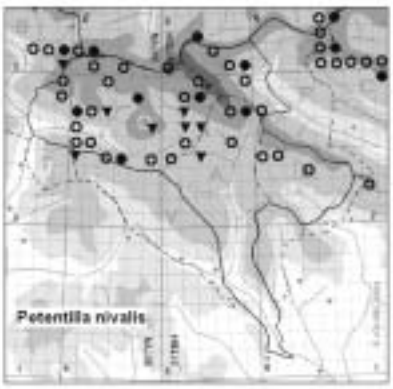
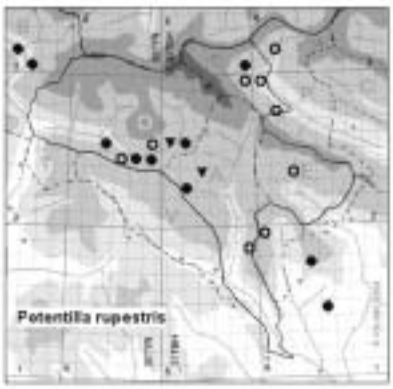
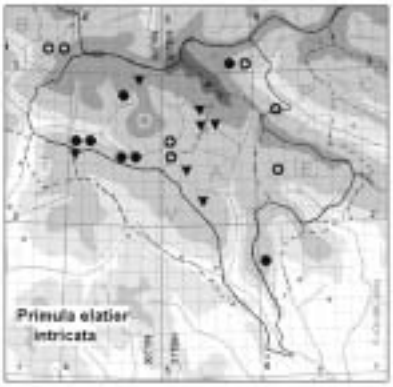
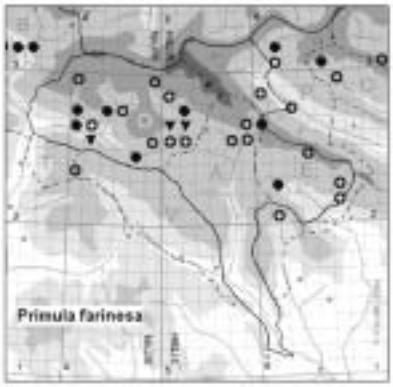

Potentilla nivalis

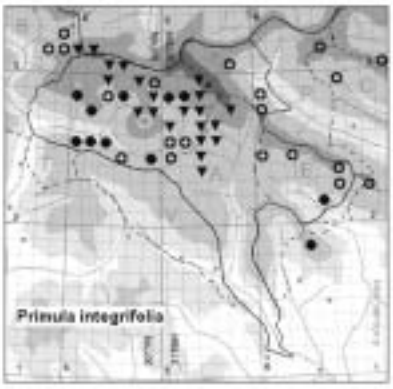

Potentilla rupestris

Prenanthes purpurea


Primula elatior
intricata


Primula farinosa

Primula hirsuta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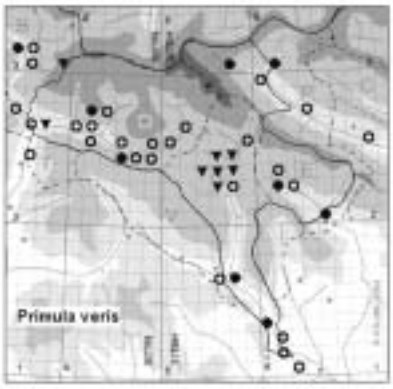
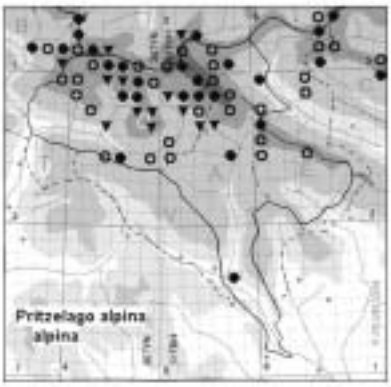

Primula veris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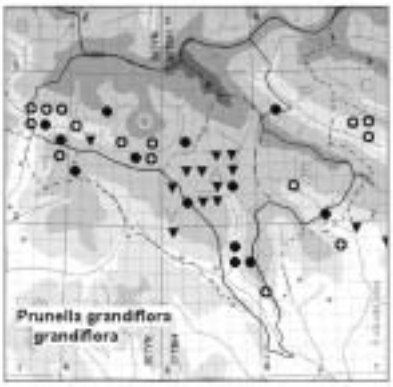
Prunella grandiflora
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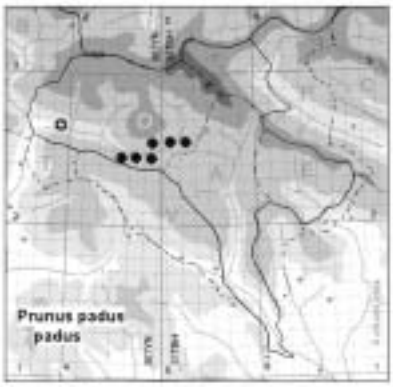
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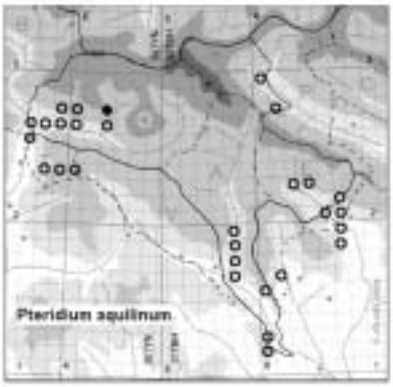
Psoralea bituminosa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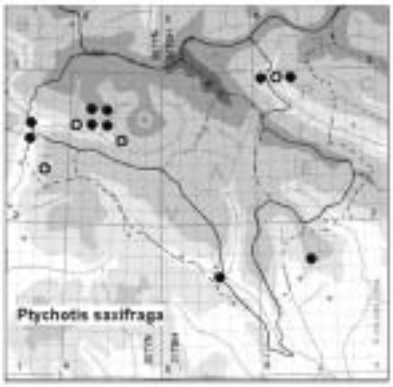
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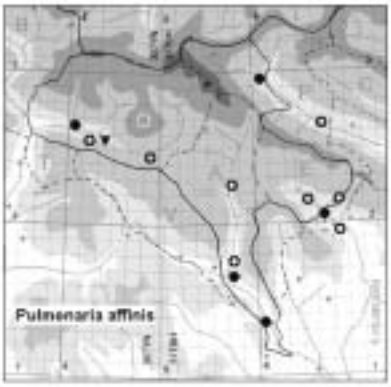
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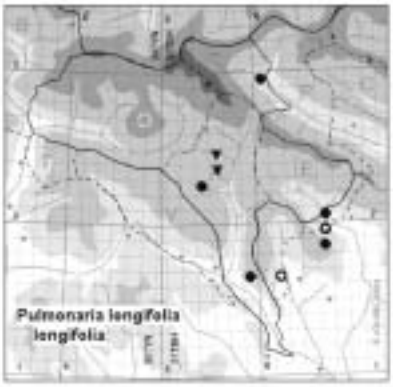
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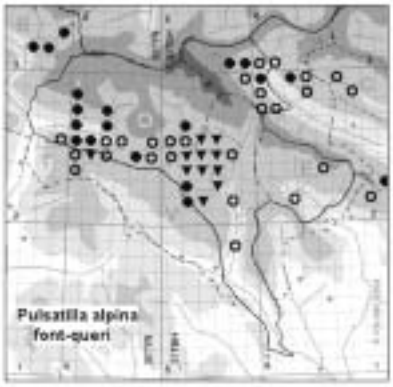
Pulsatilla alpina
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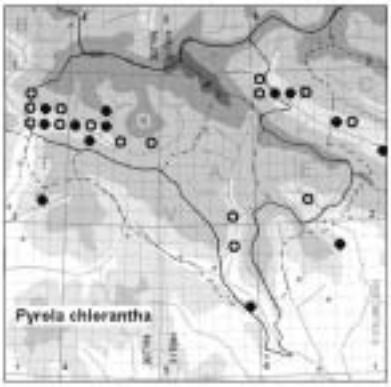
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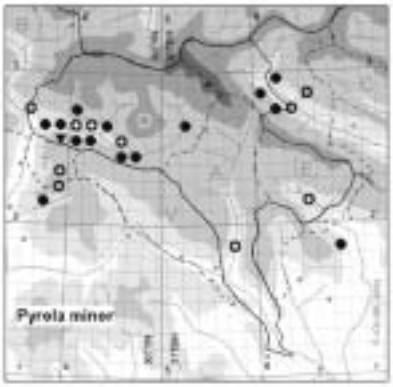
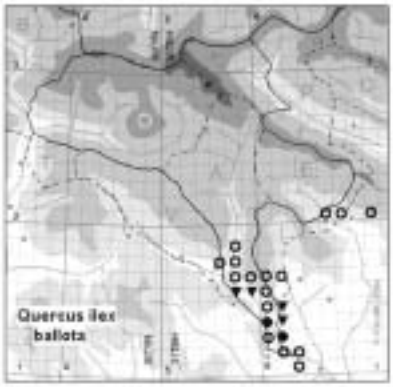

Pyrola minor


Quercus ilex
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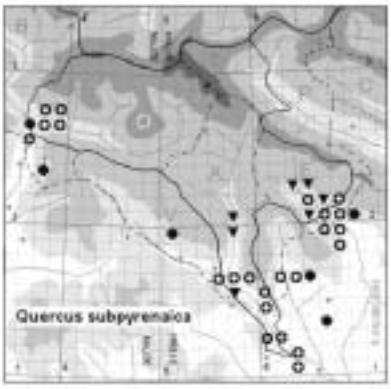
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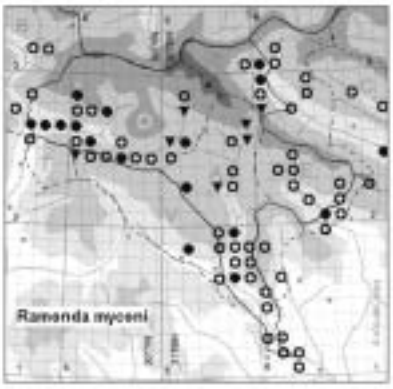
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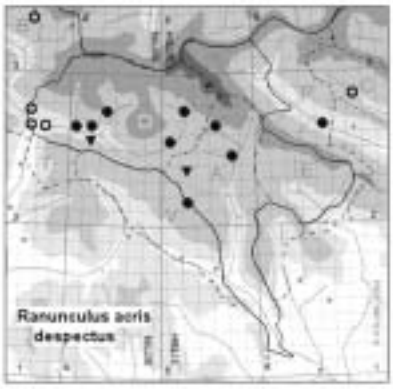
Ranunculus acris
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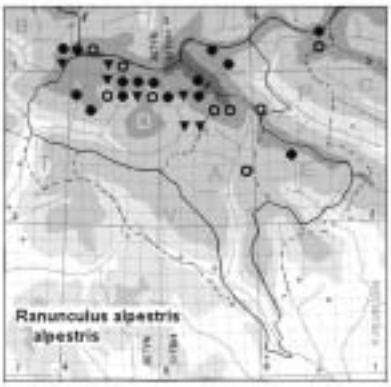
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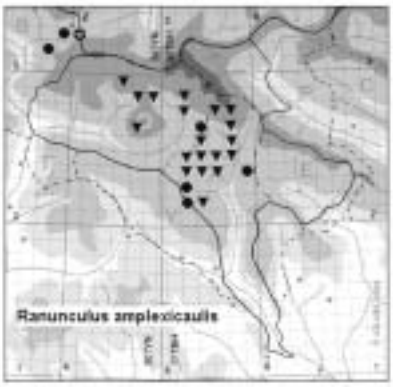
alpestris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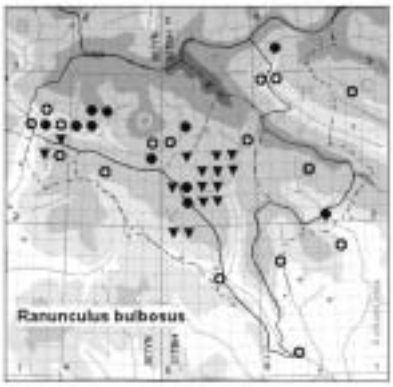
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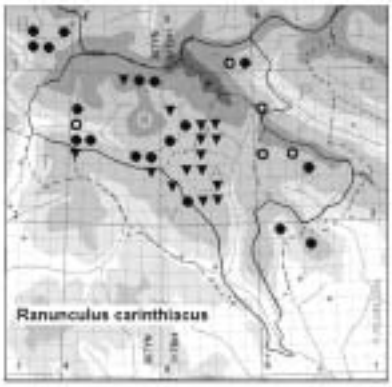
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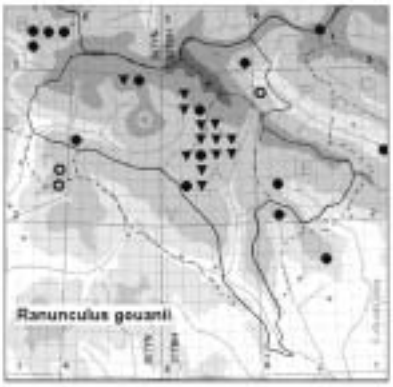
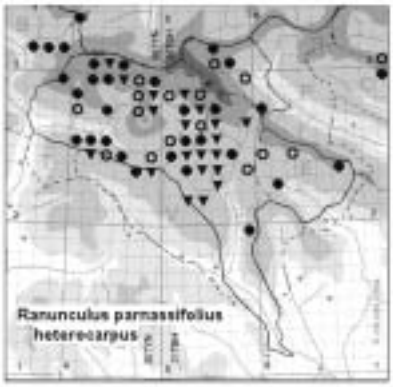

Ranunculus gouanii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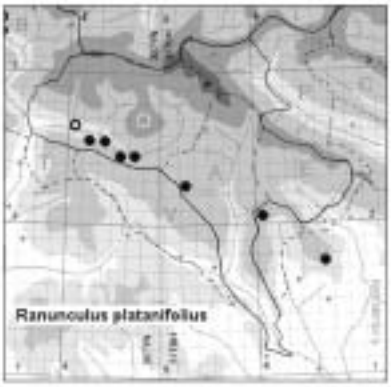
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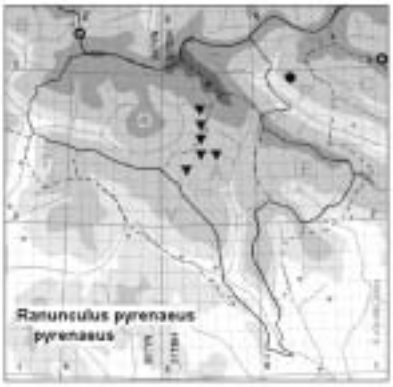
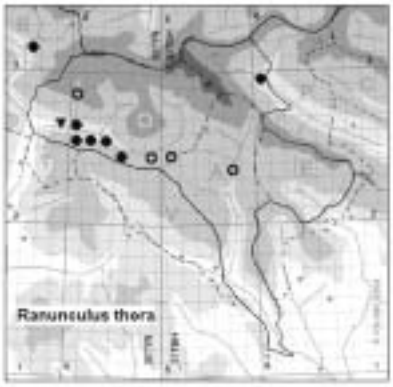
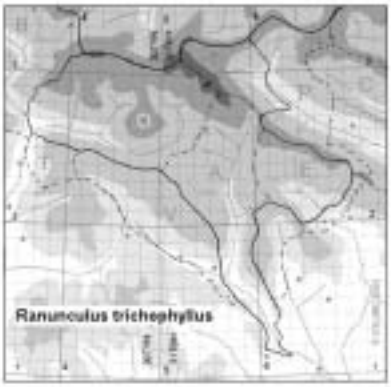

Ranunculus pyrenaeus
pyrenaeus


Ranunculus thora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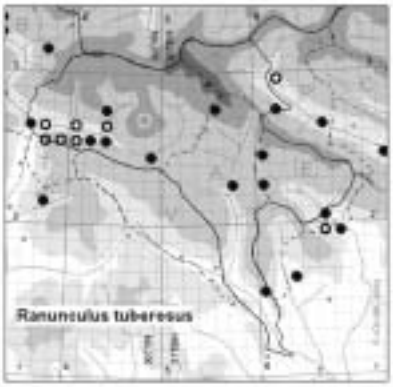
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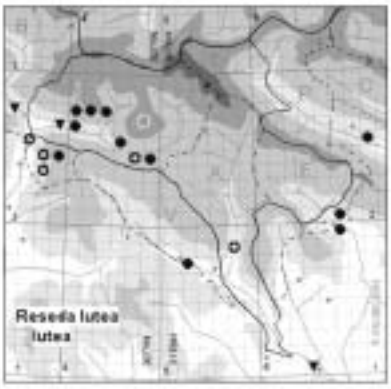
Reseda glauca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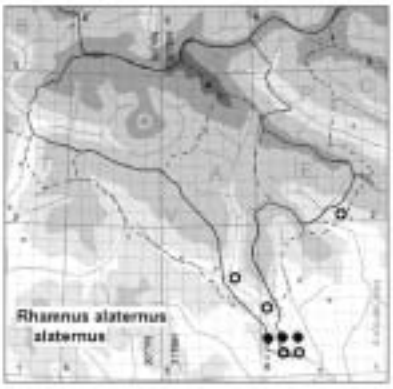
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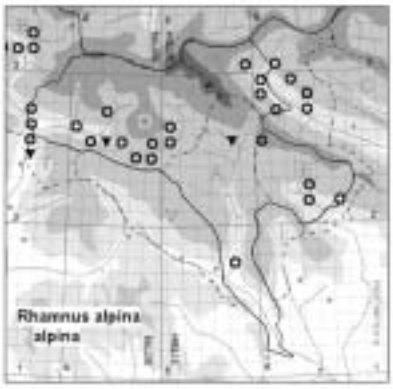
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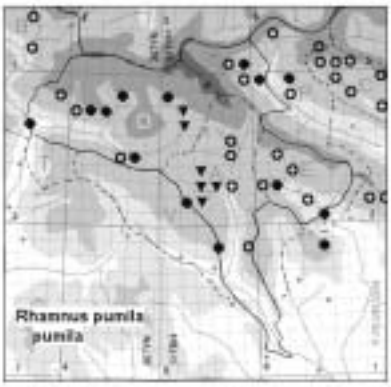
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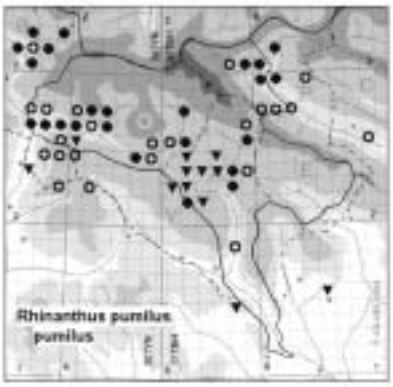
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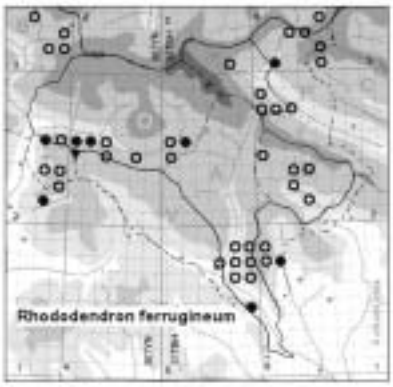
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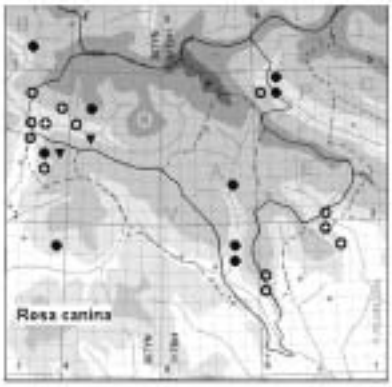
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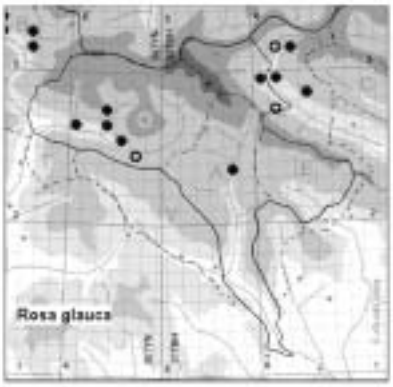
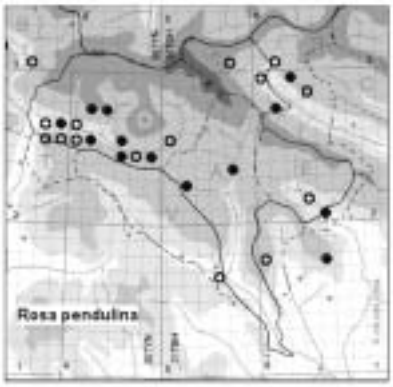
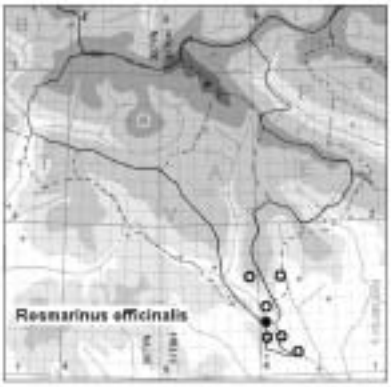
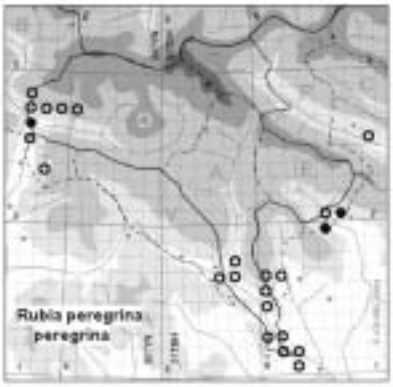

Rosa glauca


Rosa pendulina


Rosmarinus officinalis


Rubia peregrina
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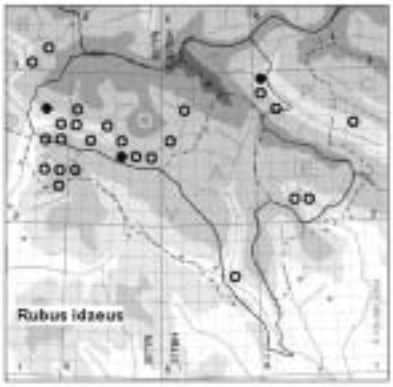
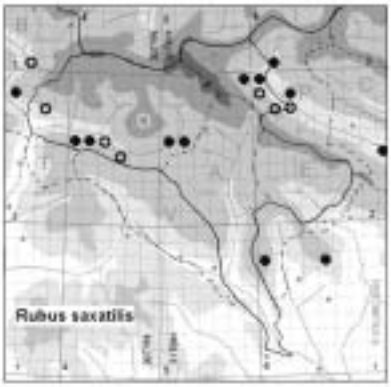
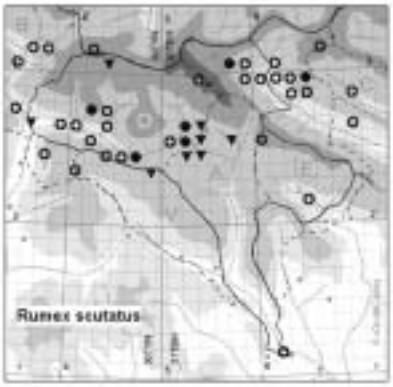
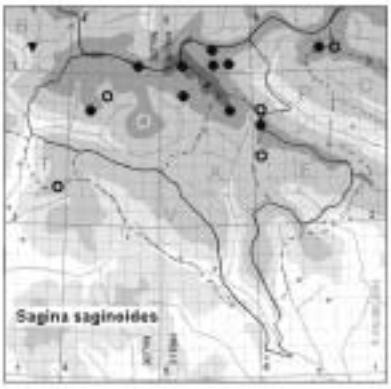

Rubus idaeus


Rubus saxatilis


Rumex scutatus

Ruscus aculeatus

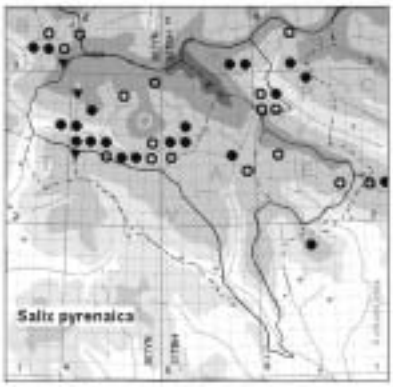

Sagina saginoides

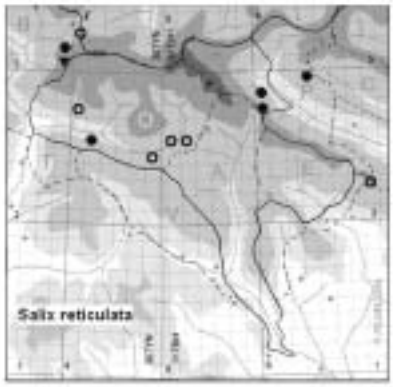
Salix caprea

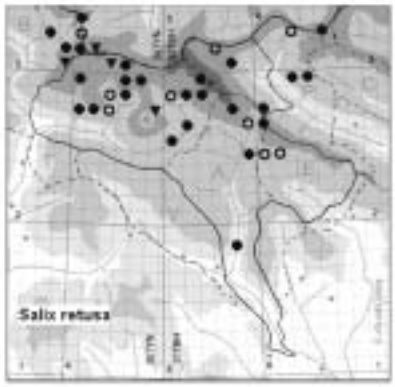
Salix daphnoides

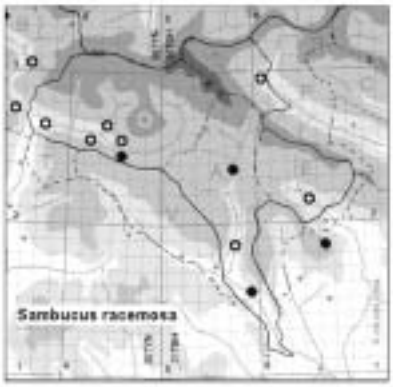
Salix eleagnos

Salix herbacea


Salix pyrenaica


Salix reticulata


Salix retusa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Sanguisorba minor
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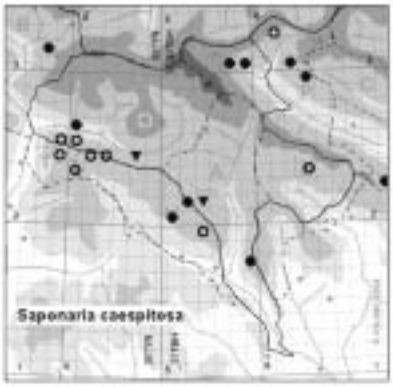
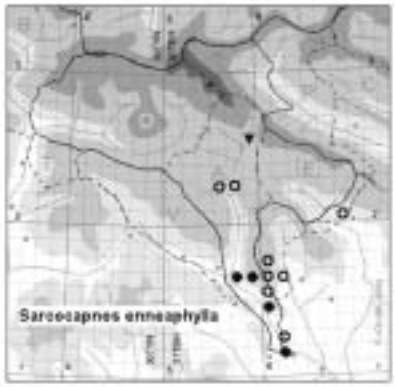
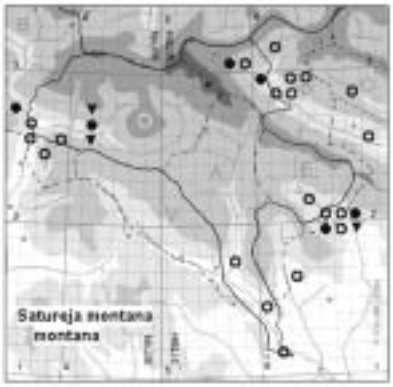
Sanicula europaea


Saponaria caespitosa

Saponaria ocymoides


Sarcocapnos enneaphylla


Satureja montana
montana

Saxifraga aizoides

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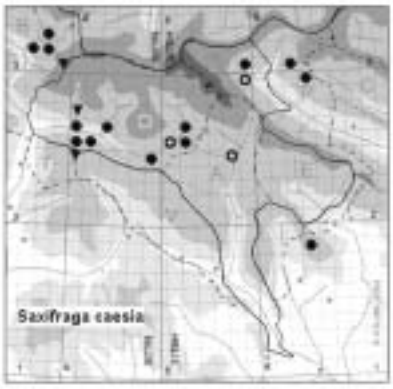
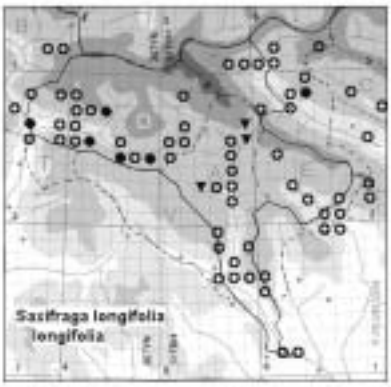
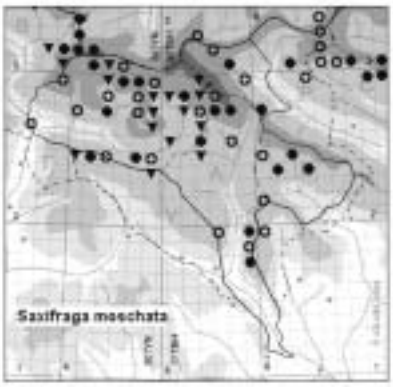
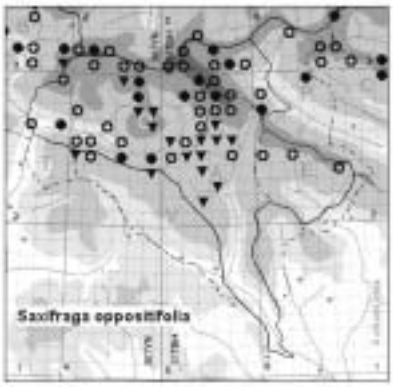
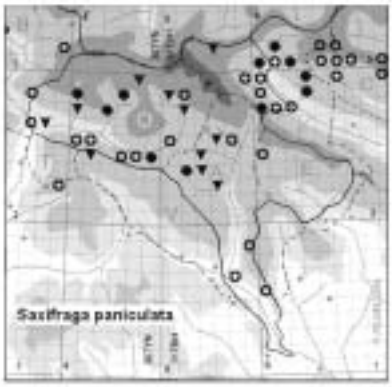

Saxifraga caesia


Saxifraga longifolia
longifolia


Saxifraga moschata


Saxifraga oppositifolia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Saxifraga praetermissa

Saxifraga pubescens

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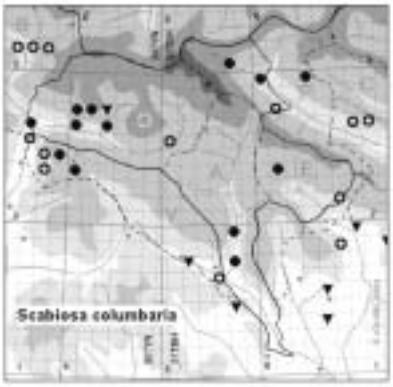
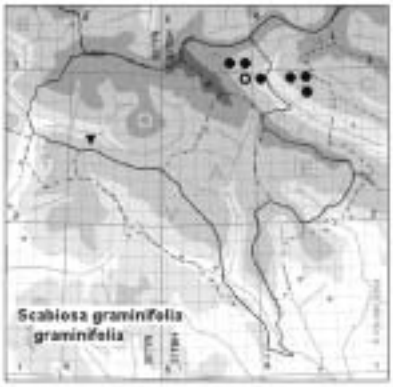

Scabiosa columbaria


Scabiosa graminifolia
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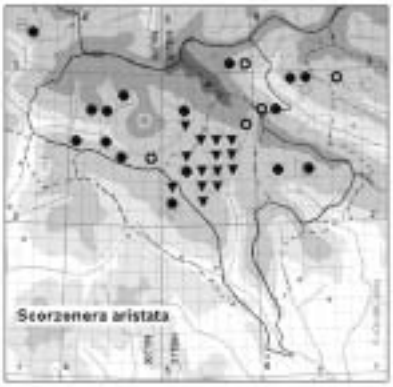
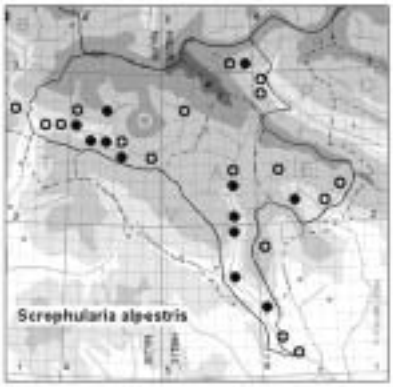
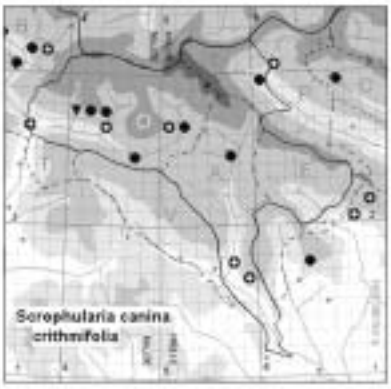
Scilla lilio-hyacinthus


Scorzonera aristata


Scrophularia alpestris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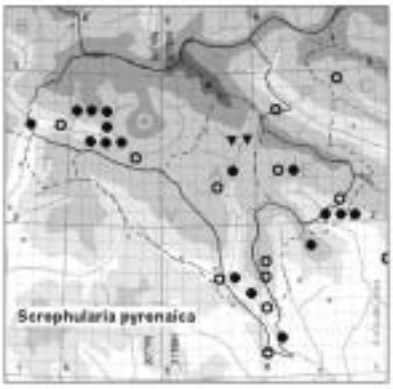
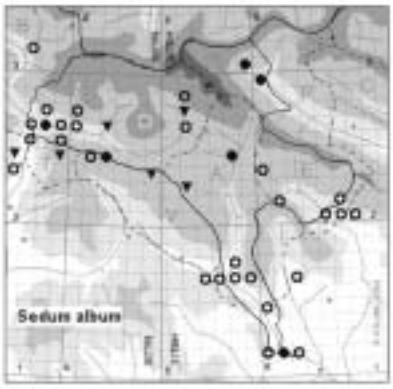
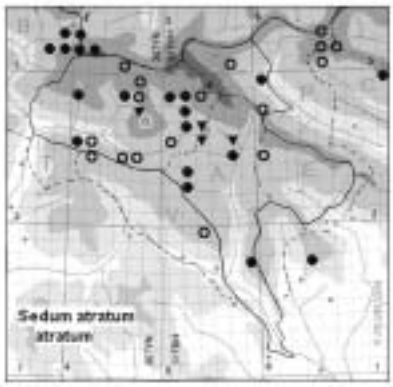

Scrophularia pyrenaica


Sedum album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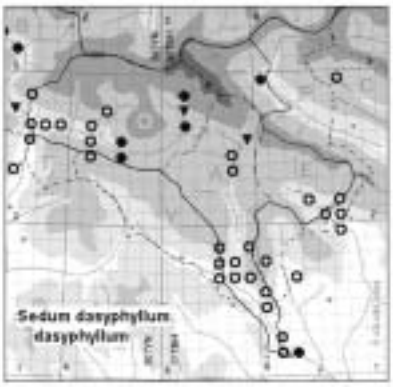
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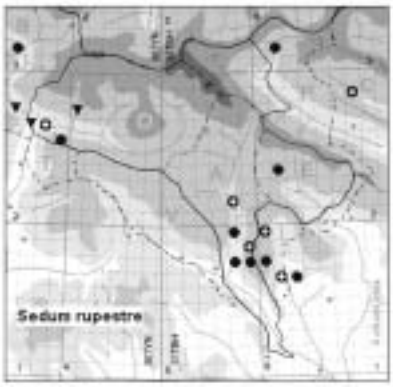
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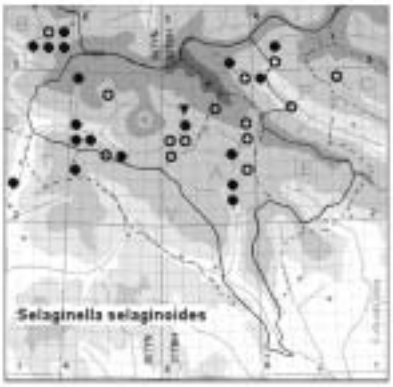
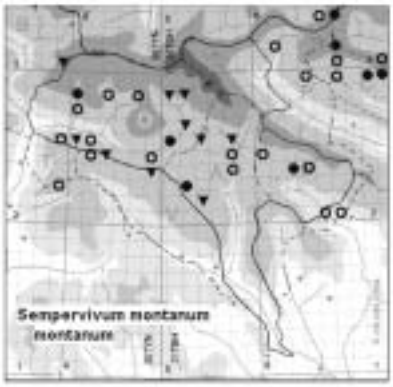
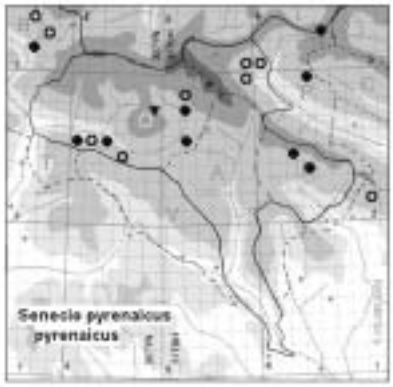
Sedum sediforme


Selaginella selaginoides


Sempervivum montanum
montanum


Senecio pyrenaicus
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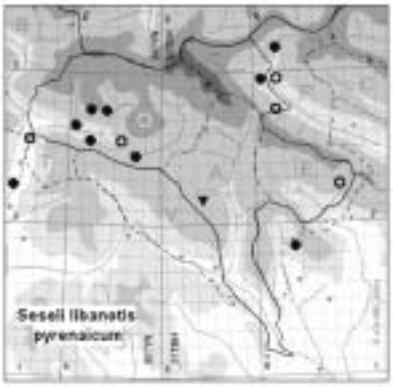
Seseli libanotis
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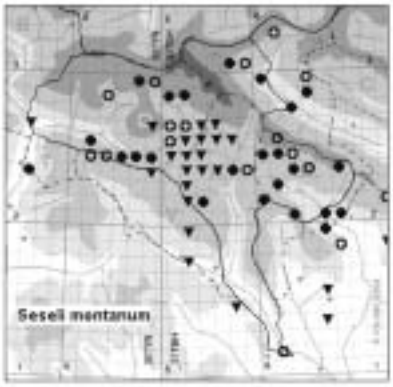
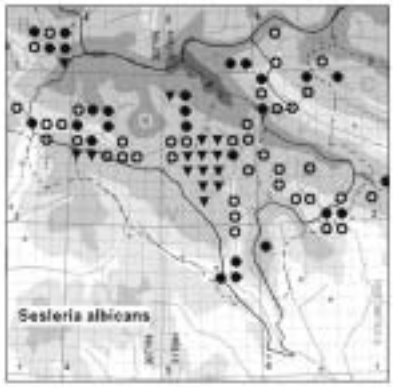
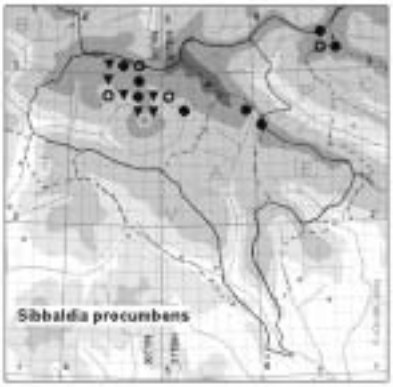

Seseli montanum


Sesleria albicans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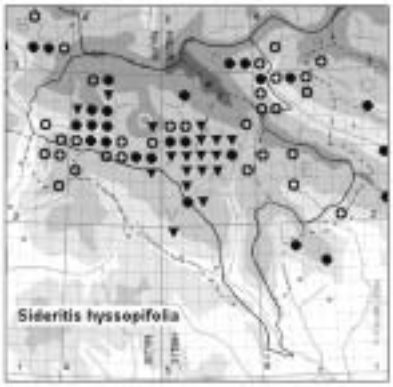
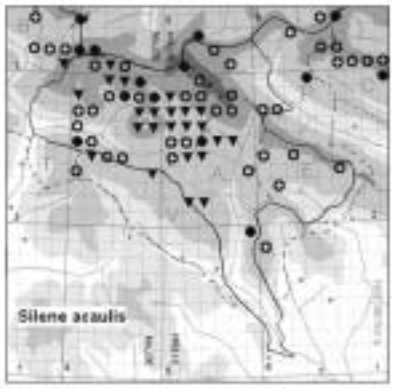
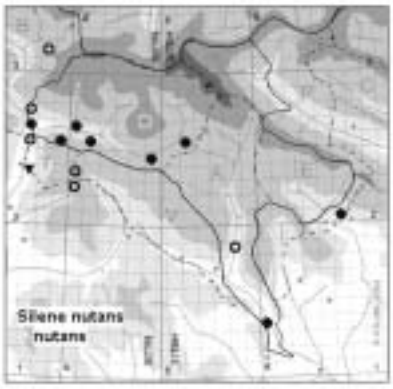
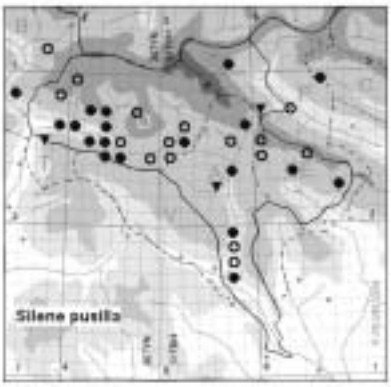

Sideritis hyssopifolia


Silene acaulis

Silene borderei


Silene nutans
nutans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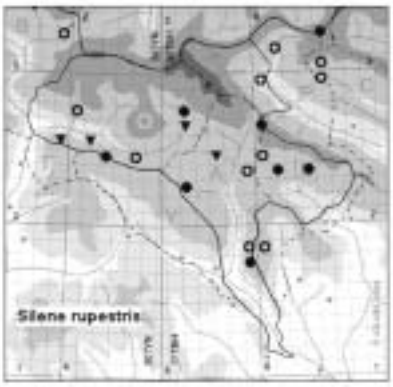
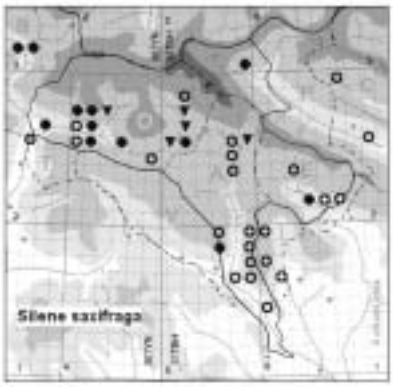
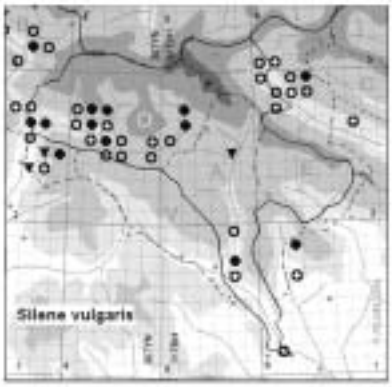
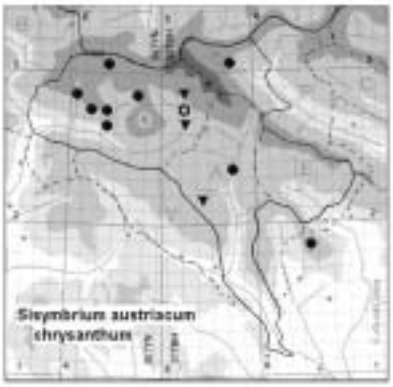
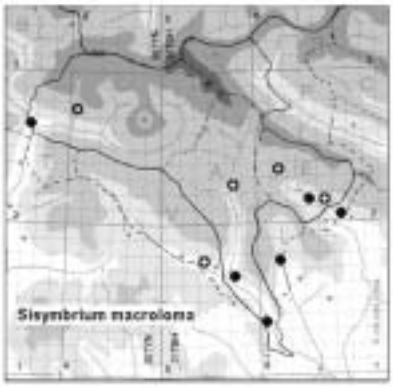

Silene rupestris

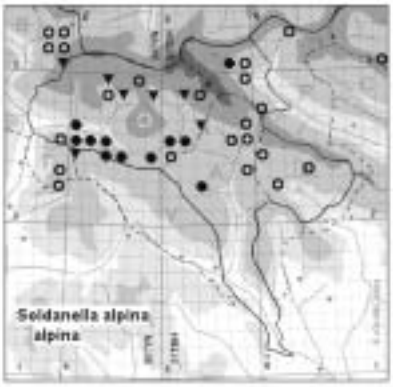

Silene saxifraga


Silene vulgaris


Sisymbrium austriacum
chrysanthum


Sisymbrium macroloma

Solanum dulcamara


Soldanella alpina
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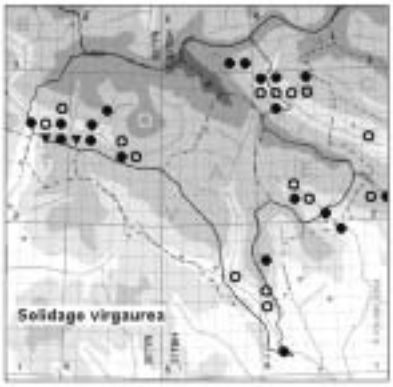
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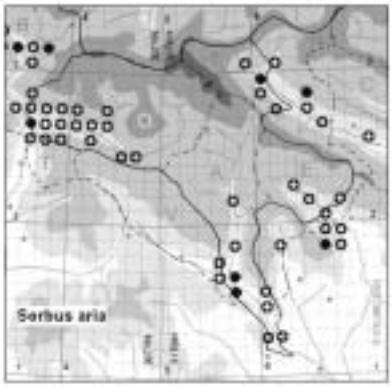
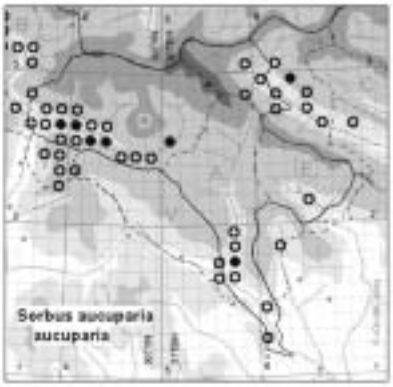

Sorbus aria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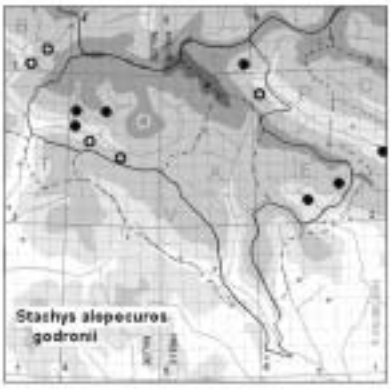
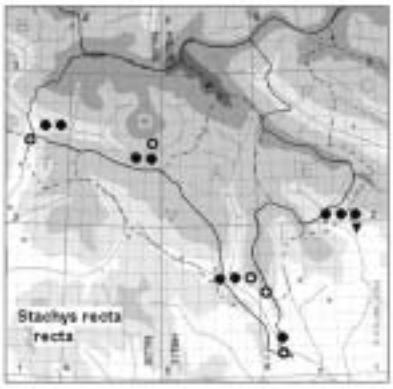
Sorbus chamaemespilus


Stachys alopecuros
godronii

Stachys officinalis


Stachys recta
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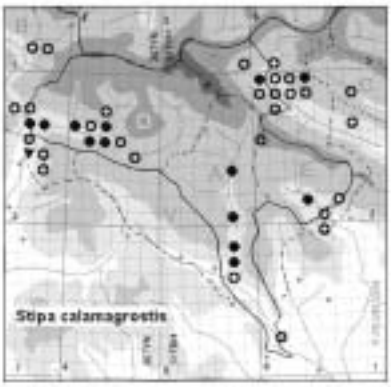
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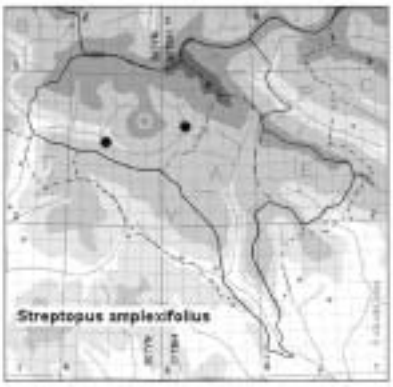
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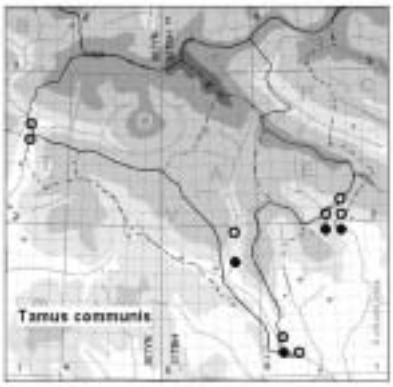
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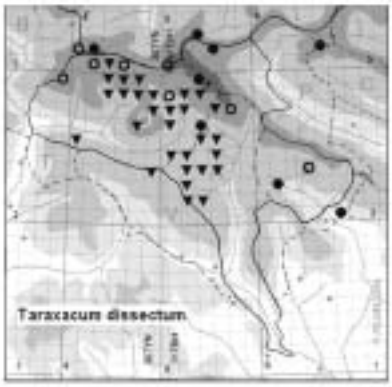
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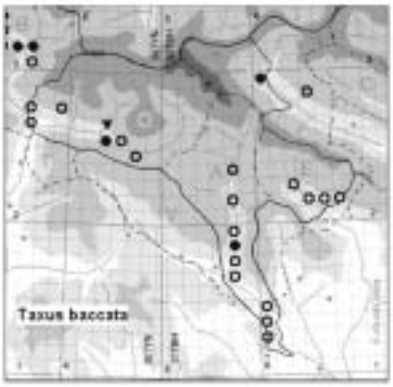
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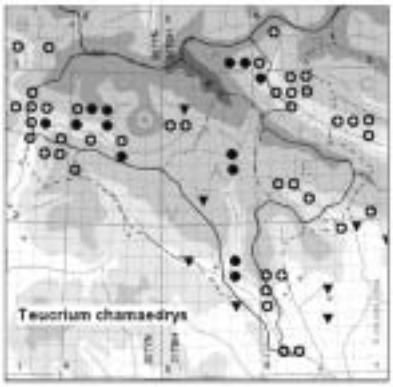
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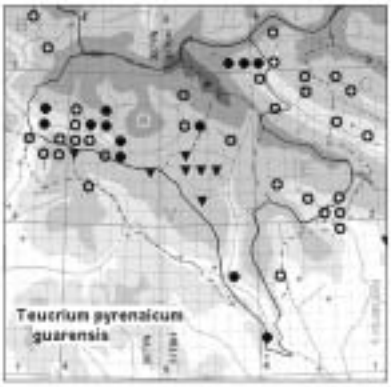
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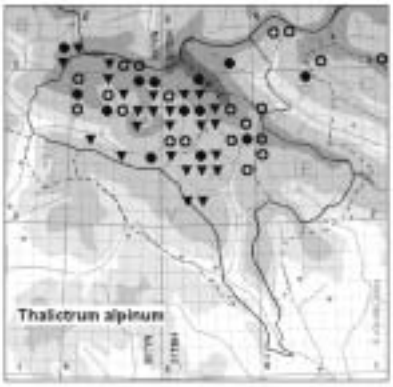
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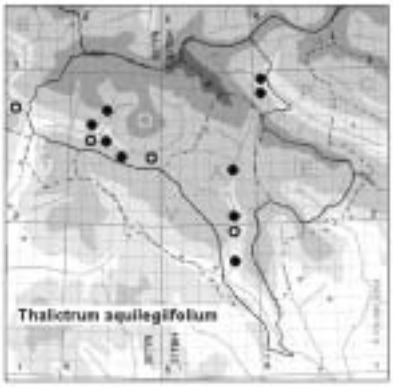
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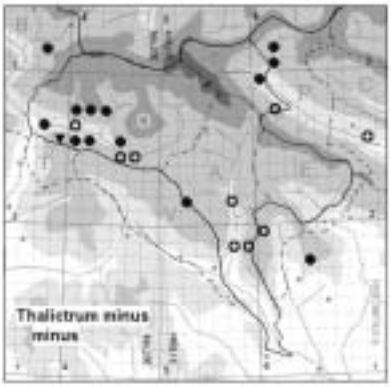
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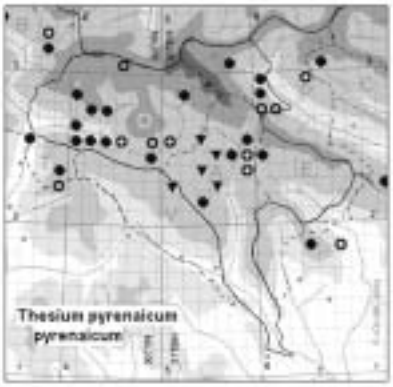
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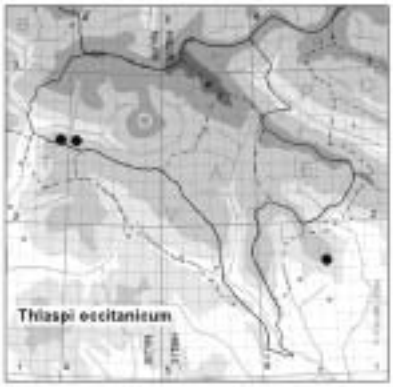
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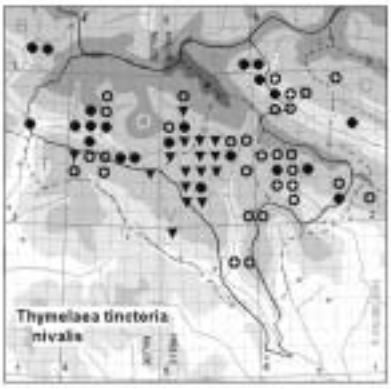
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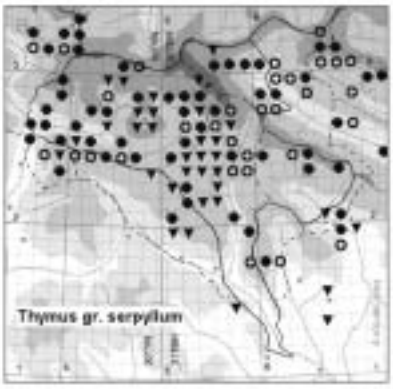
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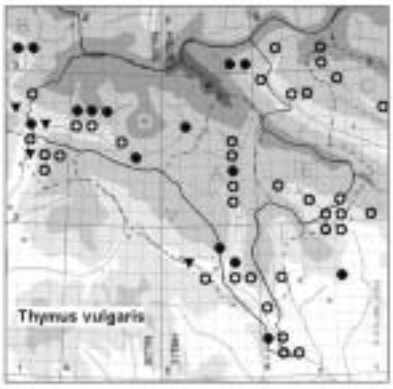
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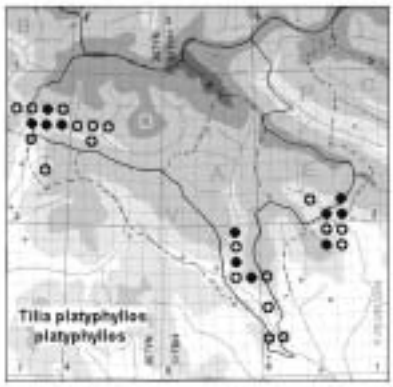
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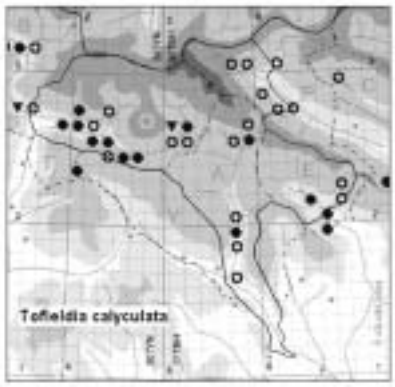
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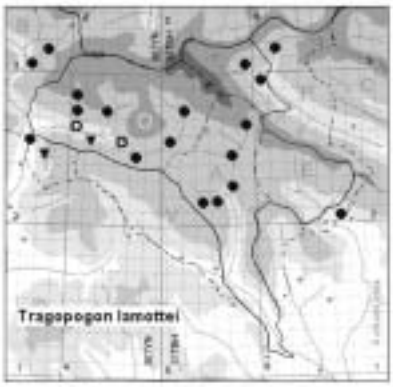
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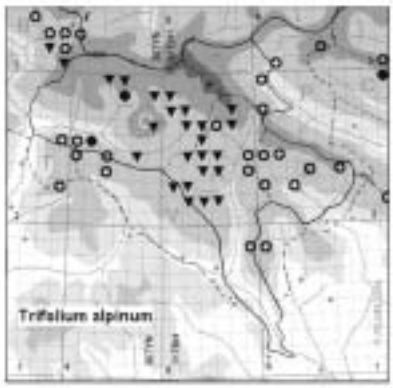
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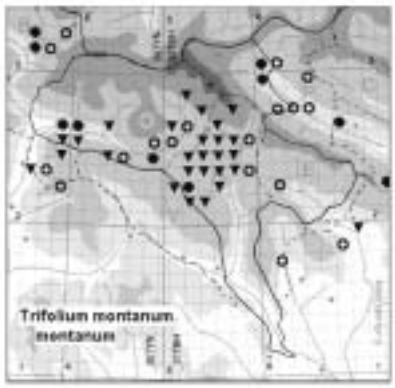
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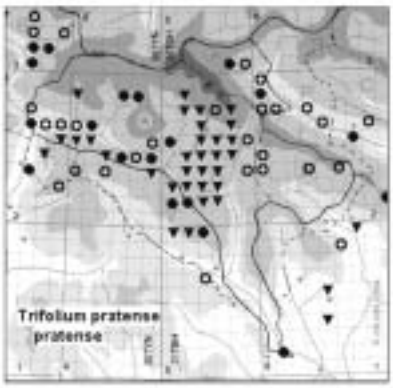
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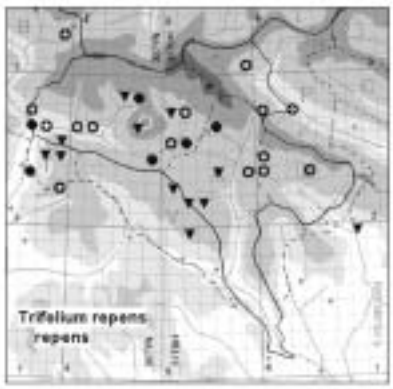
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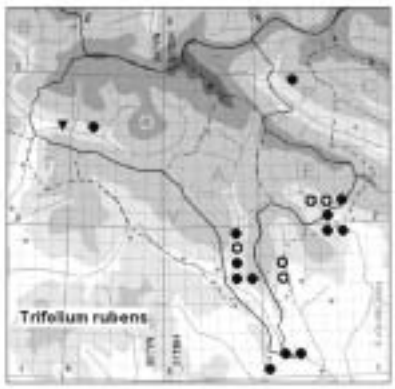
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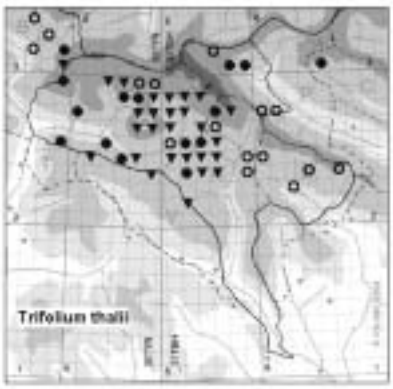
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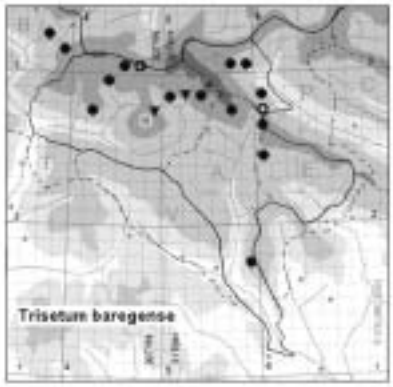
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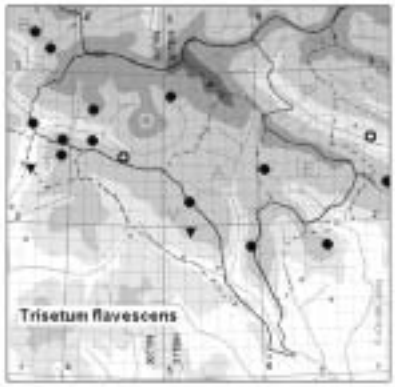
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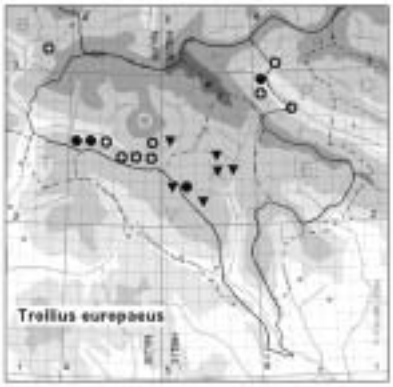
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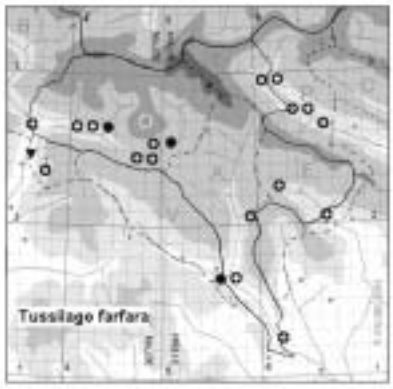
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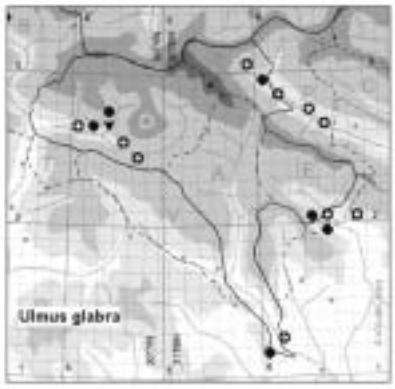
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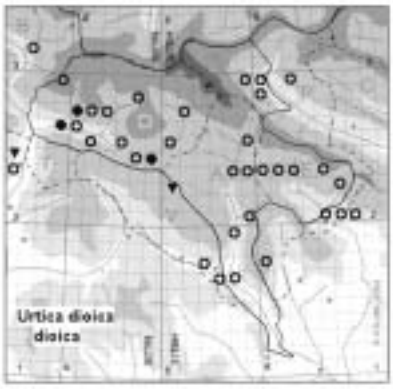
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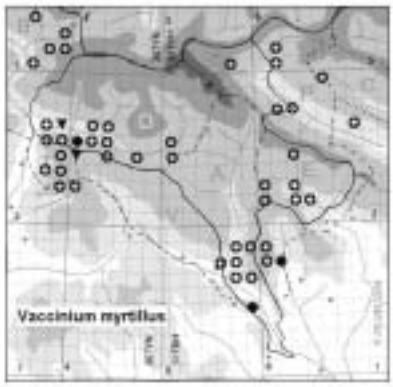
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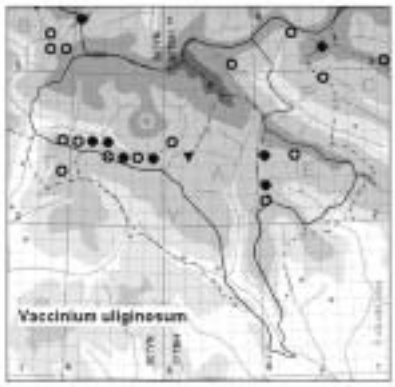
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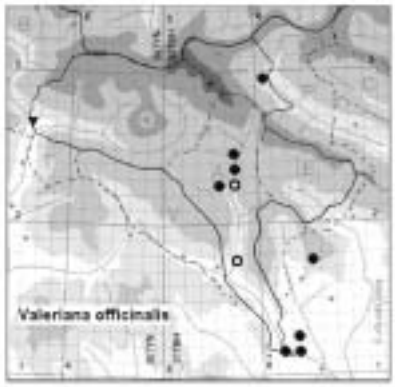
Valeriana apula

Valeriana montana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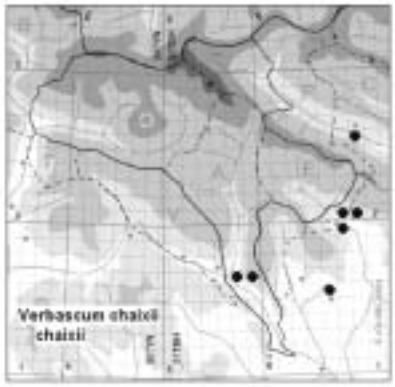
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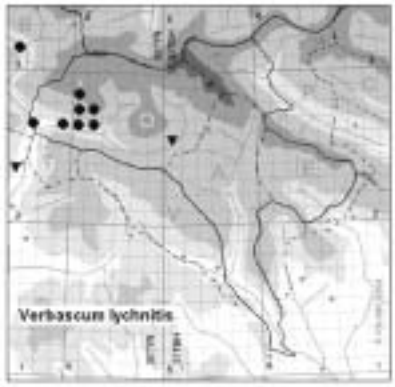
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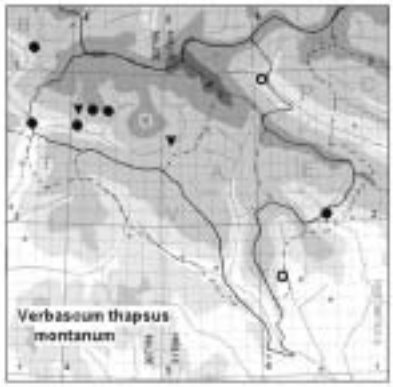
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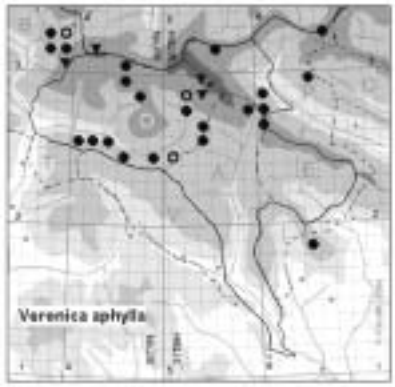
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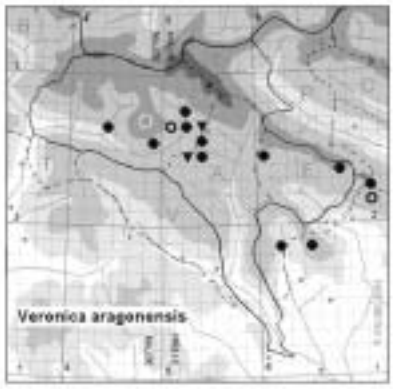
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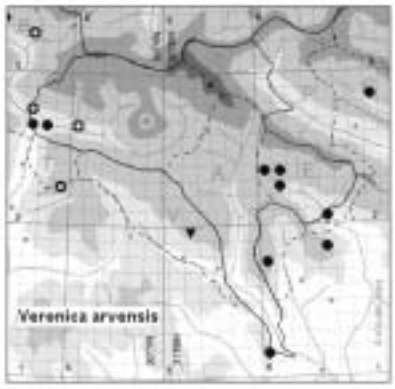
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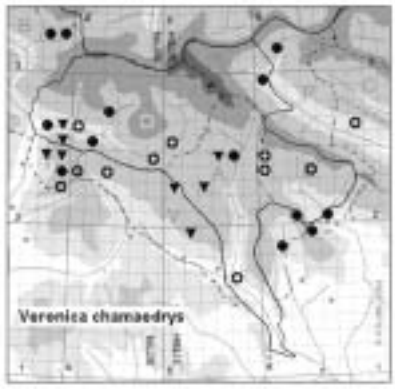
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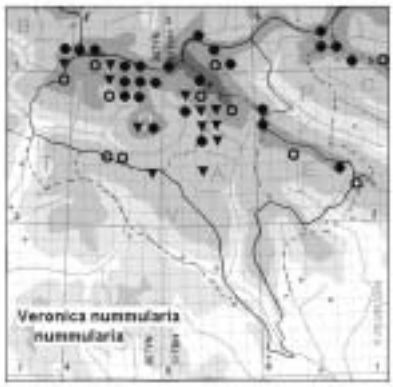
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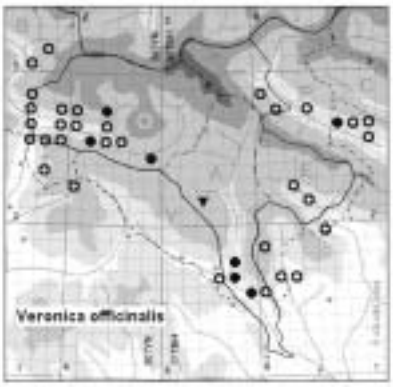
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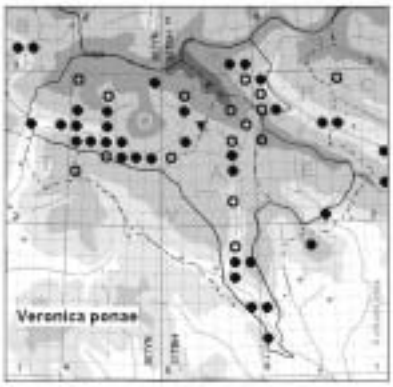
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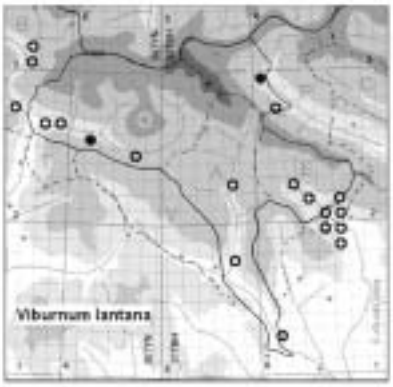
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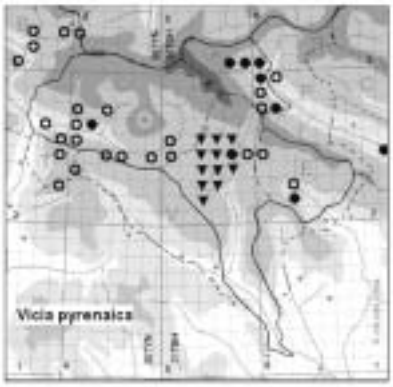
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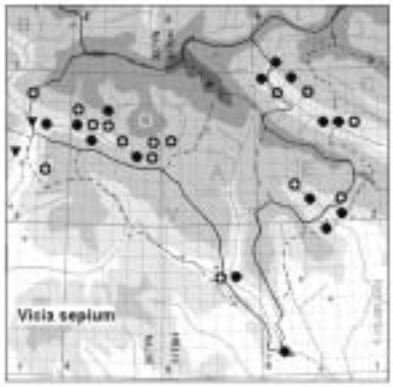
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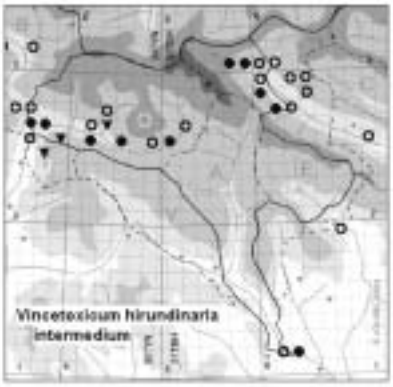
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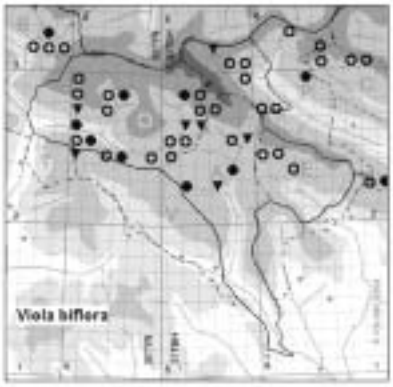
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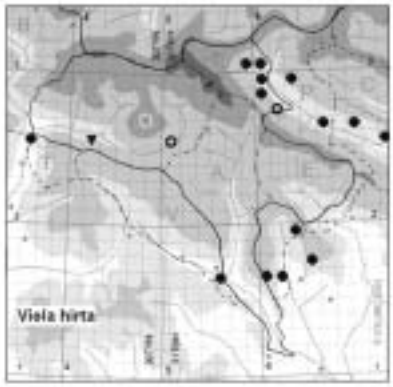
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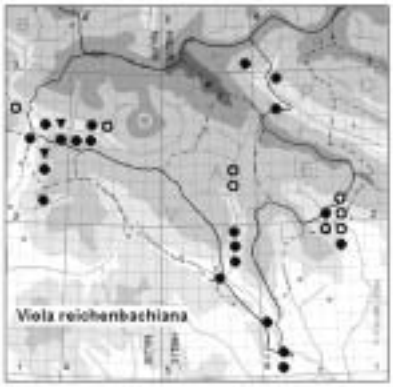
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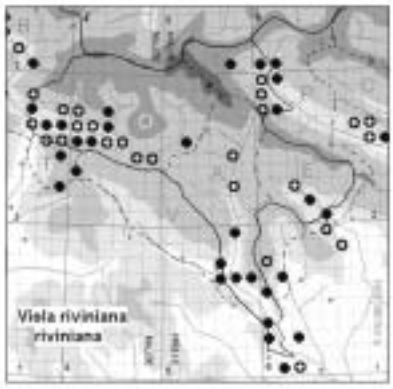
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Viola rupestris
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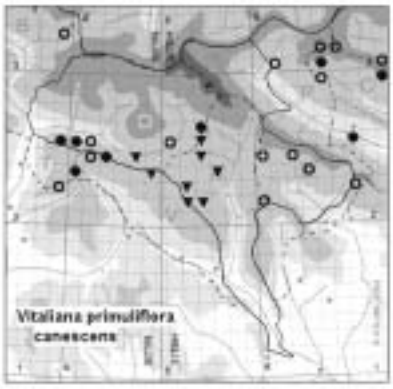
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