

Provincia di Sondrio Servizio Caccia e Pesca e Corpo di Polizia Provinciale

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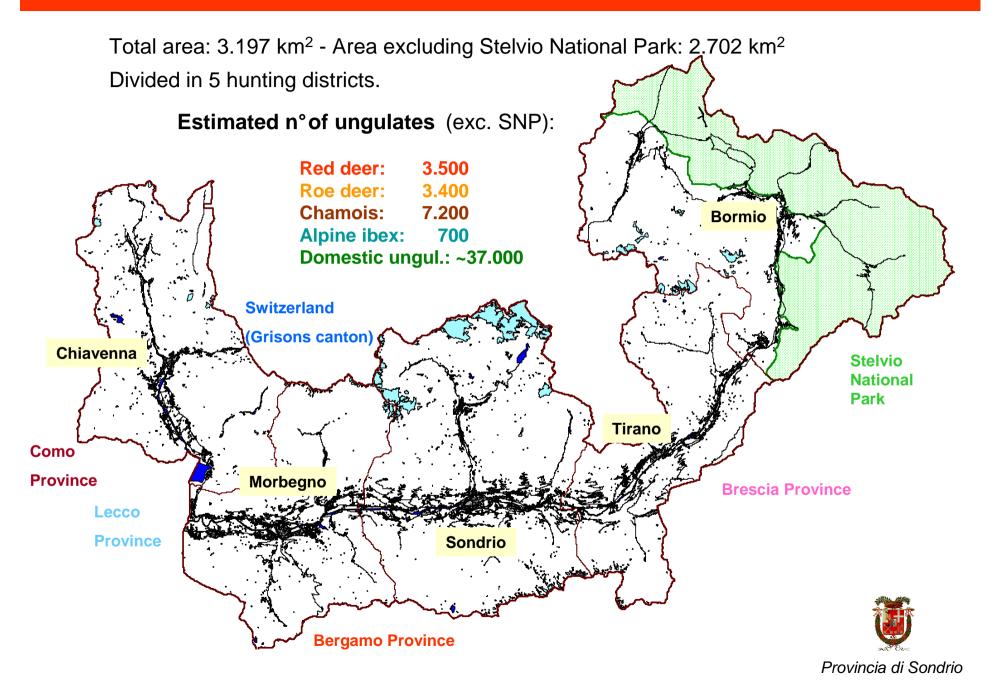


Monitoring and conservation actions on Bearded Vulture in the Sondrio province

* Provincia di Sondrio

** Stelvio NP

Sondrio PROVINCE



Sondrio PROVINCE & BV

> 2002: first contacts with Stelvio National Park, to create a monitoring network; > since 2004: Province rangers and techinicians cooperate with SNP, for these activities: ✓ recording of all BV observations in a specific database (including previous years: actually 140 observations recorded); ✓ geo-referencing of all the BV observations outside SNP; ✓ transmission of all data collected to SNP ✓ participation to Alpine observation d

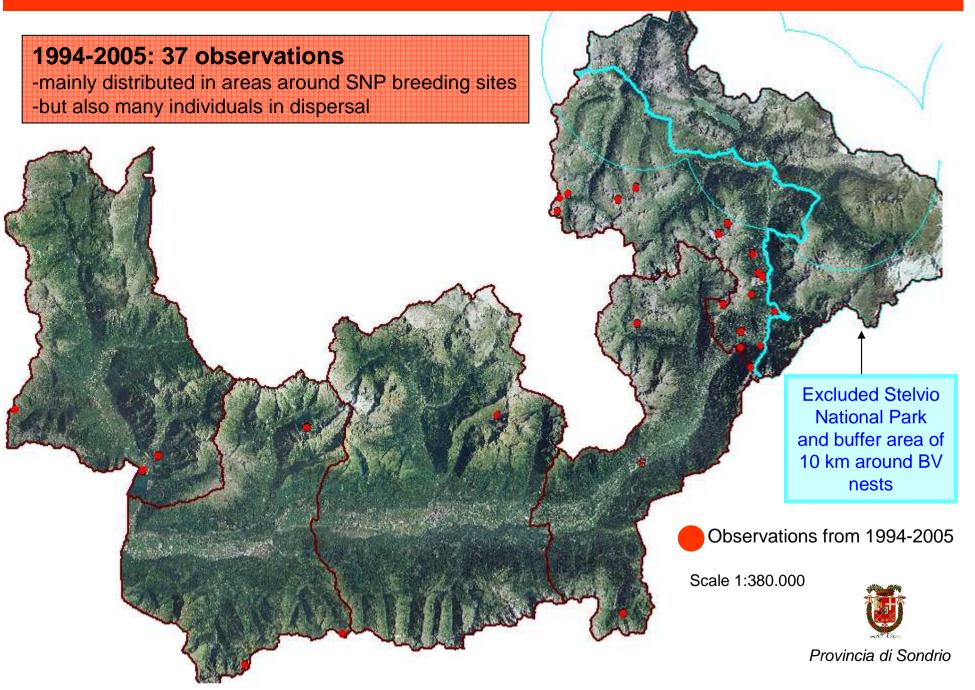
Provincia di Sondrio

Sondrio PROVINCE & BV

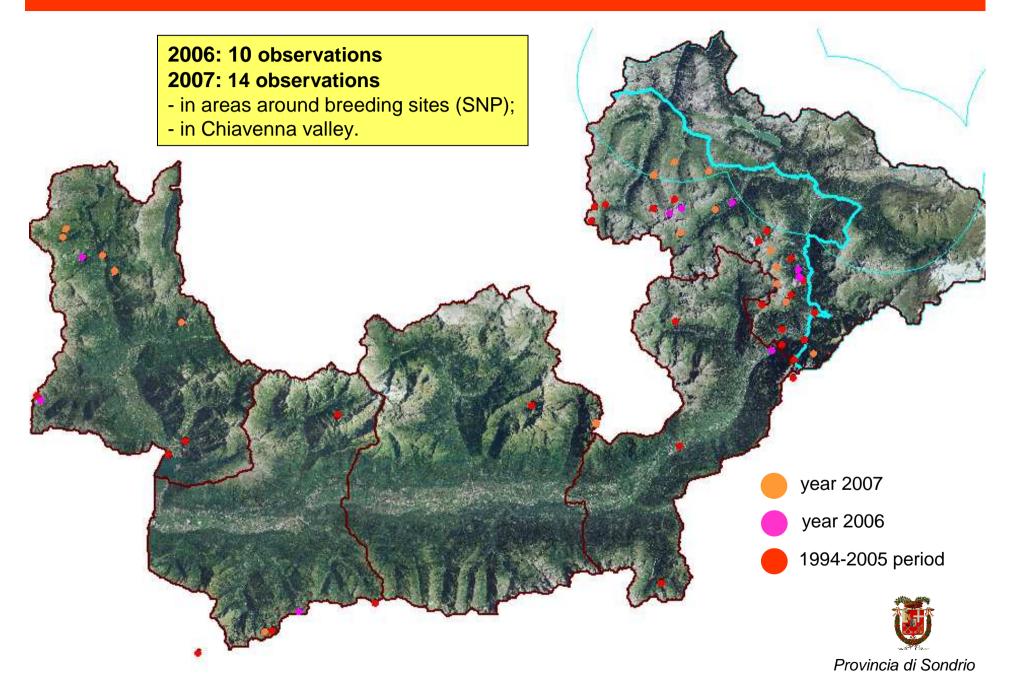
- > Since 2007: specific ACTIONS are carried out for BV in Sondrio province:
 - the first management plans established for Mature and site (e.g. for Val Viola Site) take into account the importance of BV conservation, by specific regulations to avoid disturbance of the species or site deterioration and active protection measures;
 - ✓ the assessment procedure for evaluating the impact of wildlife province plan for hunting activities (approved by Province in febr-2008 and by Lombardia Region in sept -2008) pointed out -for the first time- the possible risks for BV and raptors, related to use of lead ammunitions for hunting ungulates, suggesting further research to assess the effective impacts;
 - ✓ in nov-2008 Sondrio Province subscribes its involvement in an experimental Project to investigate the risks of lead use, by X-rays and CAT scan of 200 Ungulates viscera; the project is carried out with Stelvio NP, Cariplo Foundation and Milano Veterinary University, started in May 2009 and will finish in March 2011;



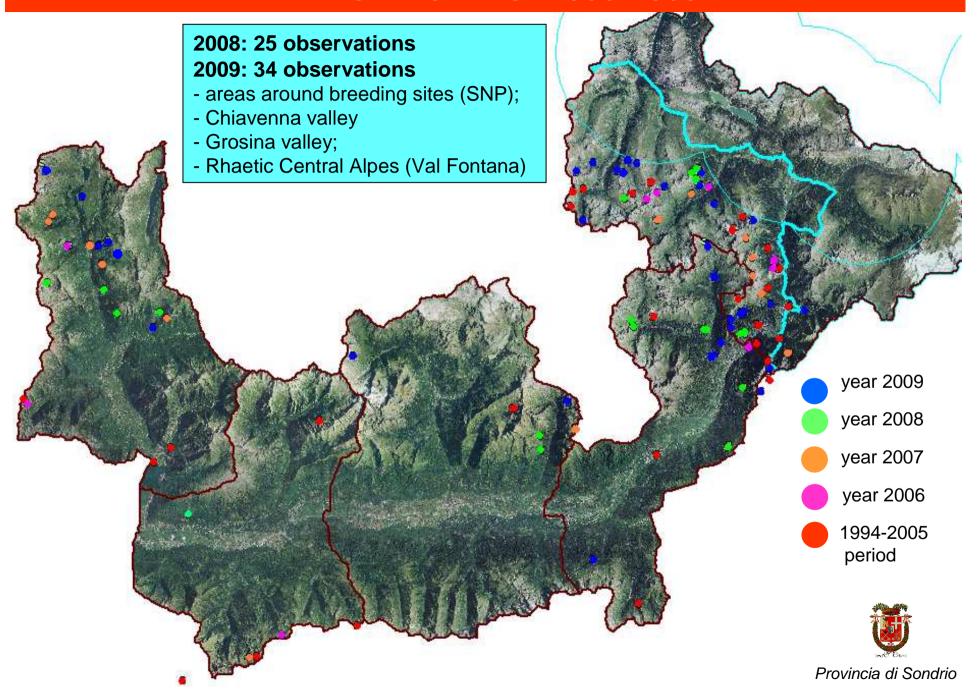
BV MONITORING: first results 1994-2005



BV MONITORING 2006-2007

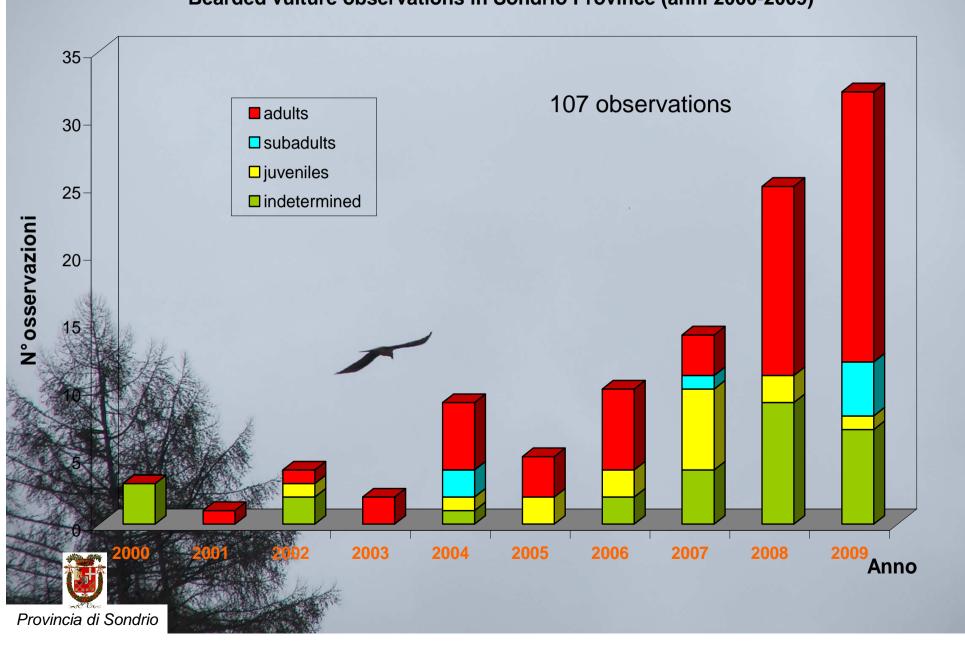


BV MONITORING: 2008-2009

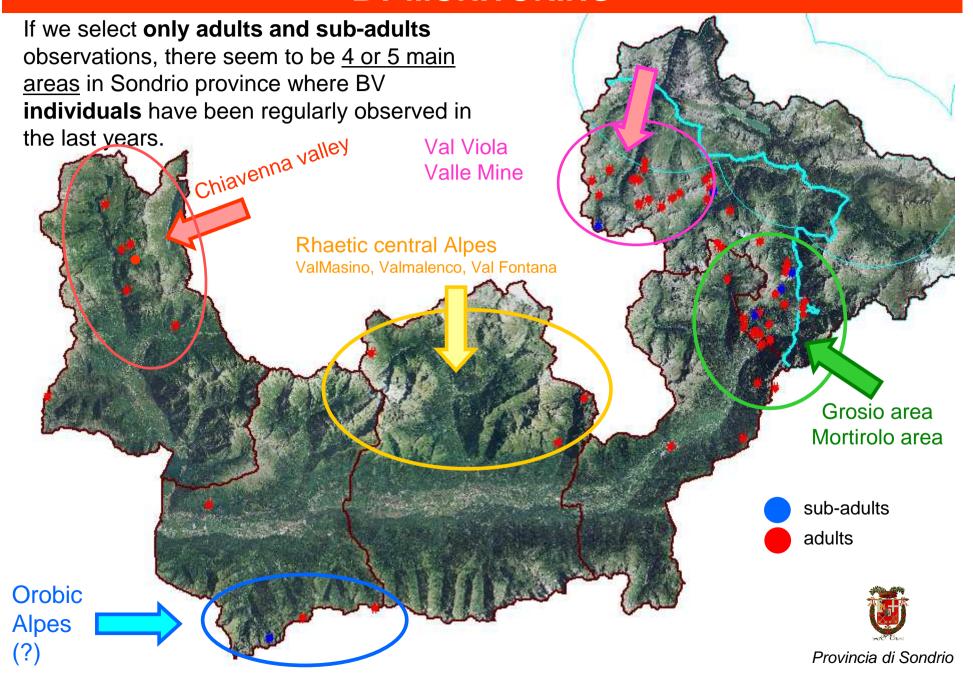


BV MONITORING: 2000-2009

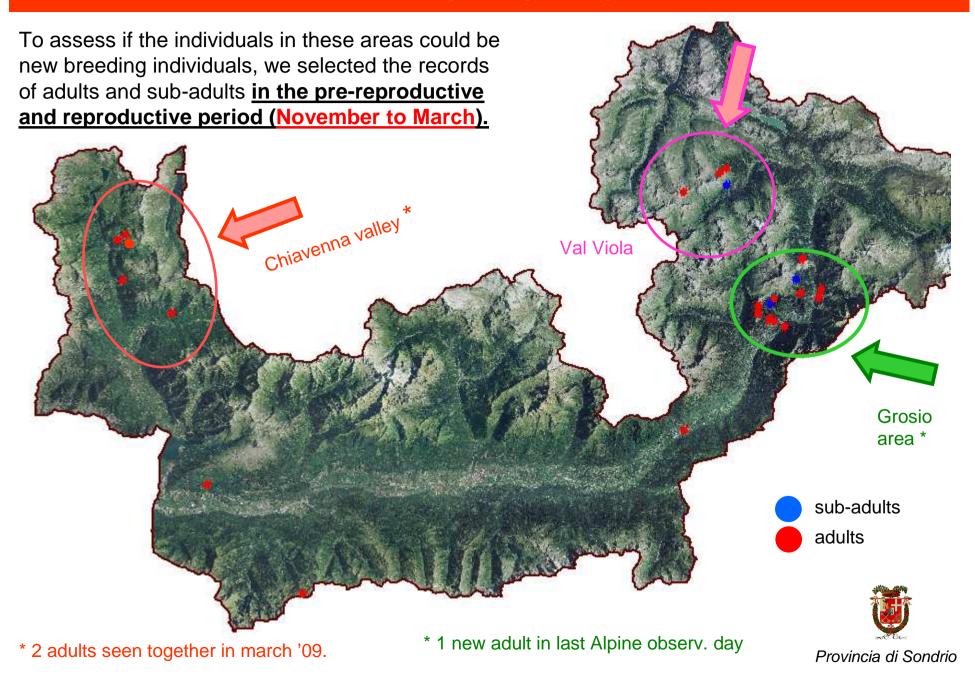




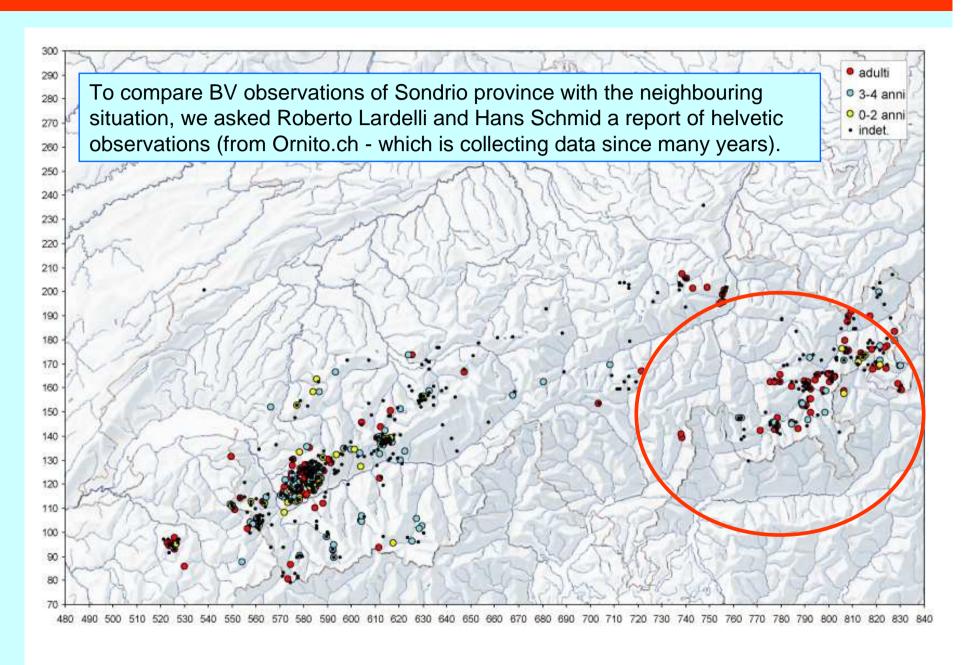
BV MONITORING



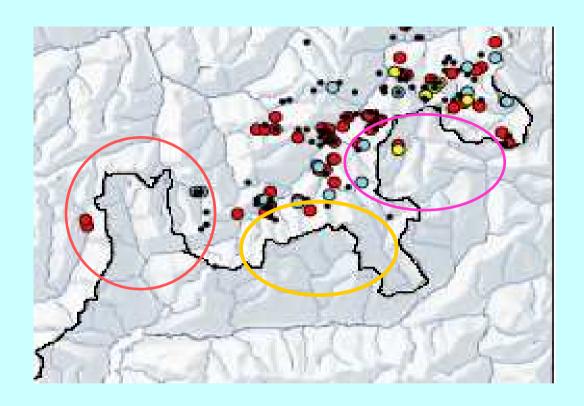
BV MONITORING



Just behind the corner.. BV in Switzerland



BV in Switzerland.. a closer zoom



- Helvetic results are interesting for our territory, and demonstrate the importance of data exchange, in the future, to assess the presence of new breeding pairs, their home-range, and consequently define the most appropriate conservation measures.
- Data exchange should be promoted between Italy and Switzerland, based on common standards.

NEXT STEPS: PROVINCE PROJECTS

> SURVEY AND MONITORING:

- ✓ collaboration with SNP to Alpine days observations in province areas (for BV & GE);
- ✓ organization of new contemporary censuses in Province areas where BV adults could be settling as pairs (at local scale);
- ✓ standardize data exchange of geo-referenced observations with SNP;
- ✓ improve data collection on BV in Sondrio Province, in particular in Natura 2000 sites (SPA – special protected areas and SIC – sites of community importance);
- ✓ developing a monitoring network in Province, by training and educating new groups of persons (like hunters, volunteers, tourists etc..), with the help of SNP (if possible..)

> ACTIVE CONSERVATION ACTIONS:

- ✓ Establishment of specific conservation actions for BV in Natura 2000 sites management plans such as administrative measures to minimize the risks for species survival/breeding and site deterioration; we actually have 10 new management plans in progress, and BV has been observed in ALL of them;
- ✓ Prosecution of experimental project on lead analyses (until 2010), to assess the potential saturnism risks related to hunting habits, and evaluation of the possible conservation measures to reduce these risk.

