



IUCN-CEM-SUME



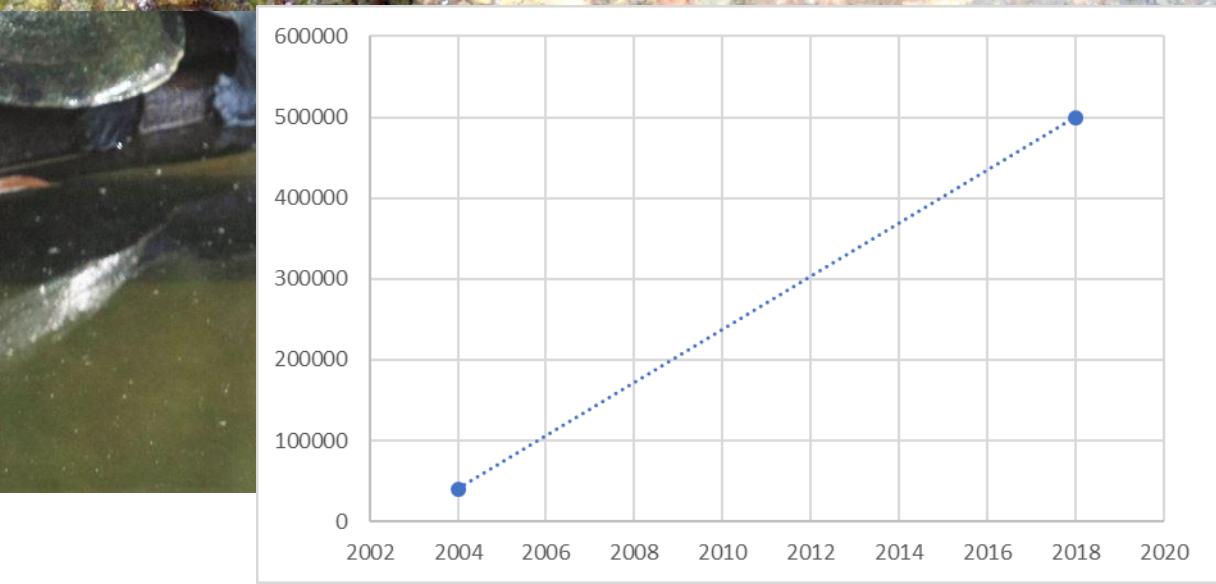
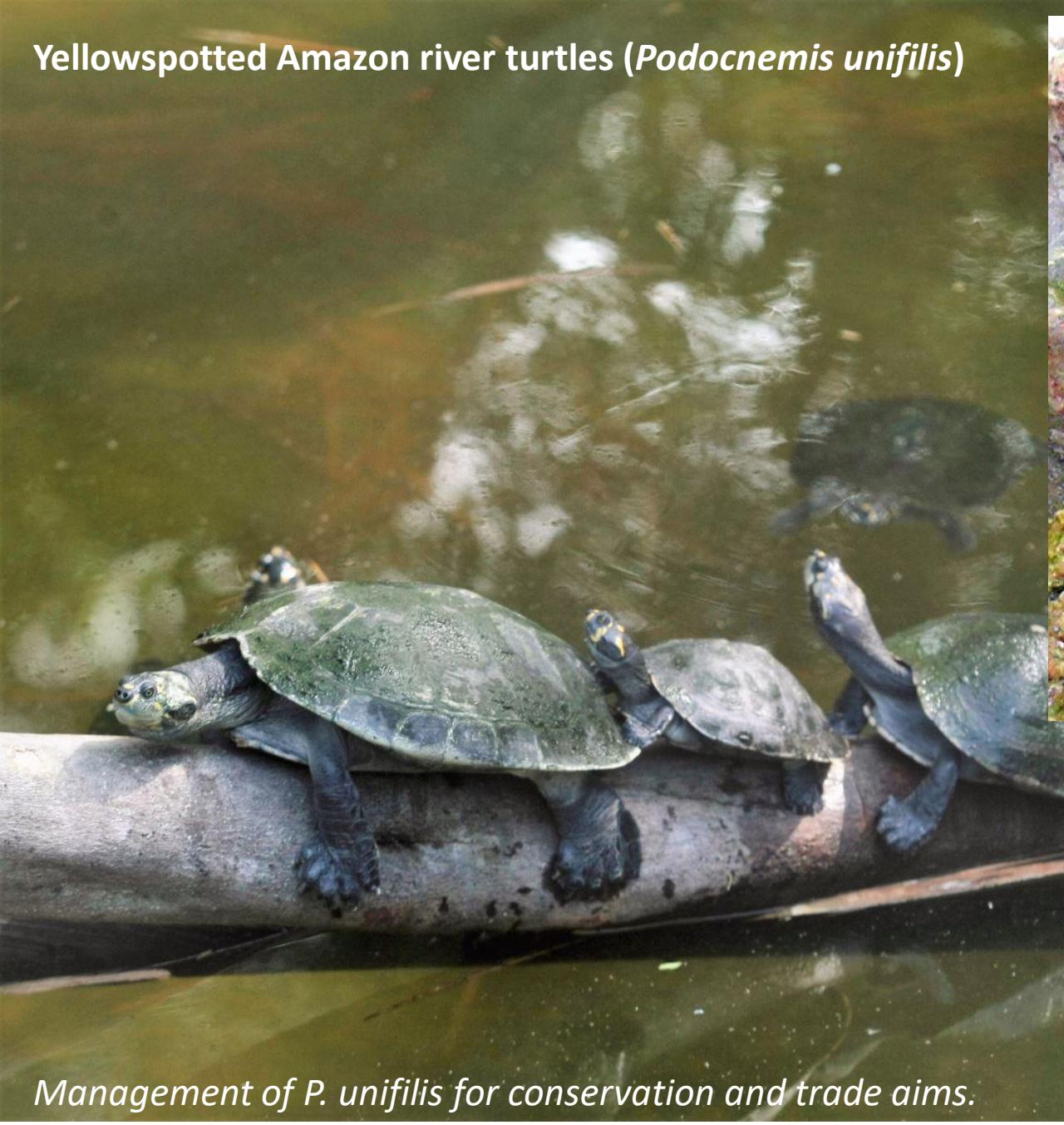
Sustainable use in South America

Dr. Marina Rosales Benites de Franco

South America



Yellowspotted Amazon river turtles (*Podocnemis unifilis*)



Management of *P. unifilis* for conservation and trade aims.

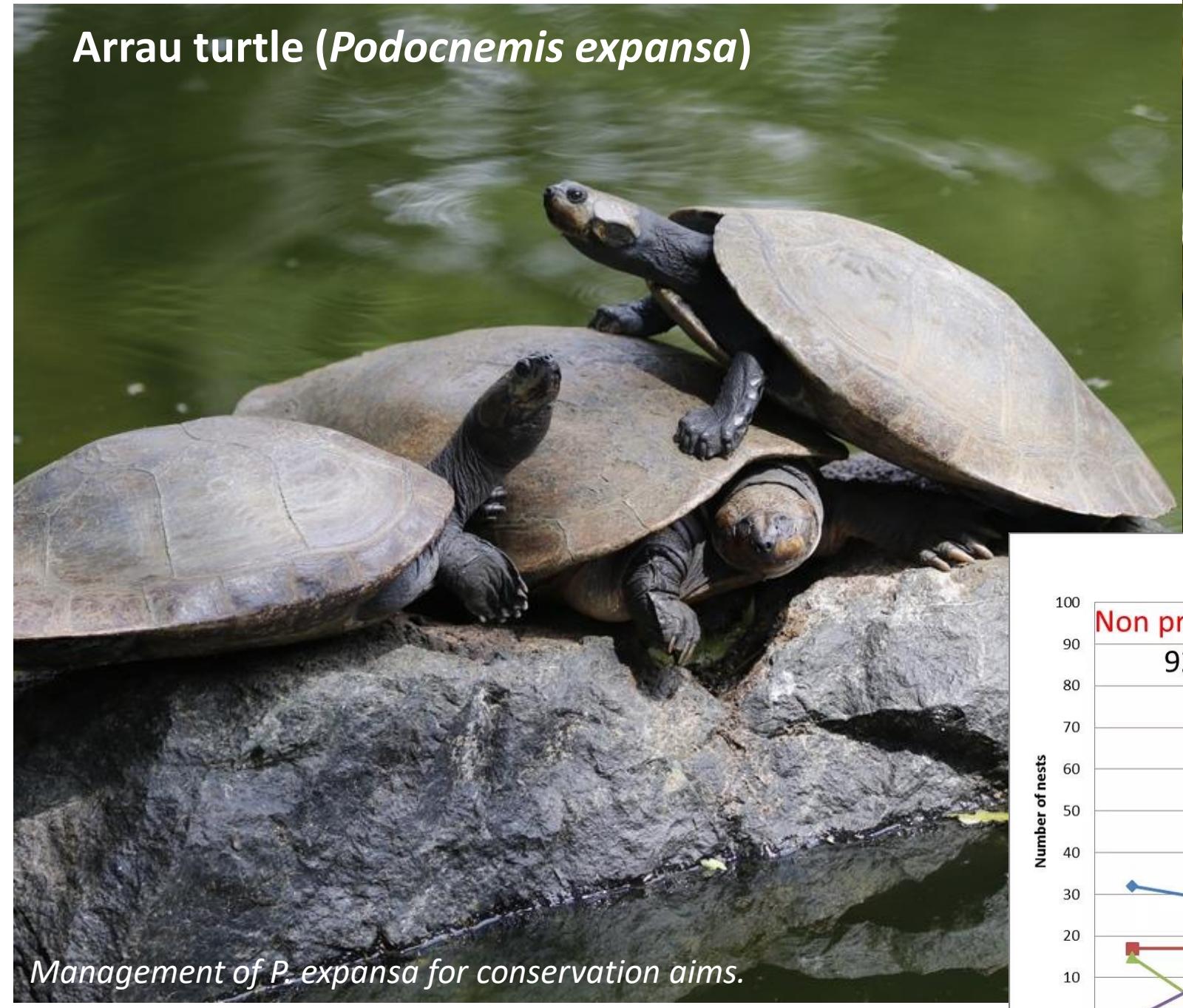
<https://andina.pe/agencia/noticia-liberaran-mas-50000-tortugas-charapa-reserva-pacaya-samiria-638502.aspx>

<https://lamula.pe/2011/11/01/crianza-de-taricayas-es-promisoria/malcolmallison/>

Podocnemis unifilis turtles are liberated by local communities



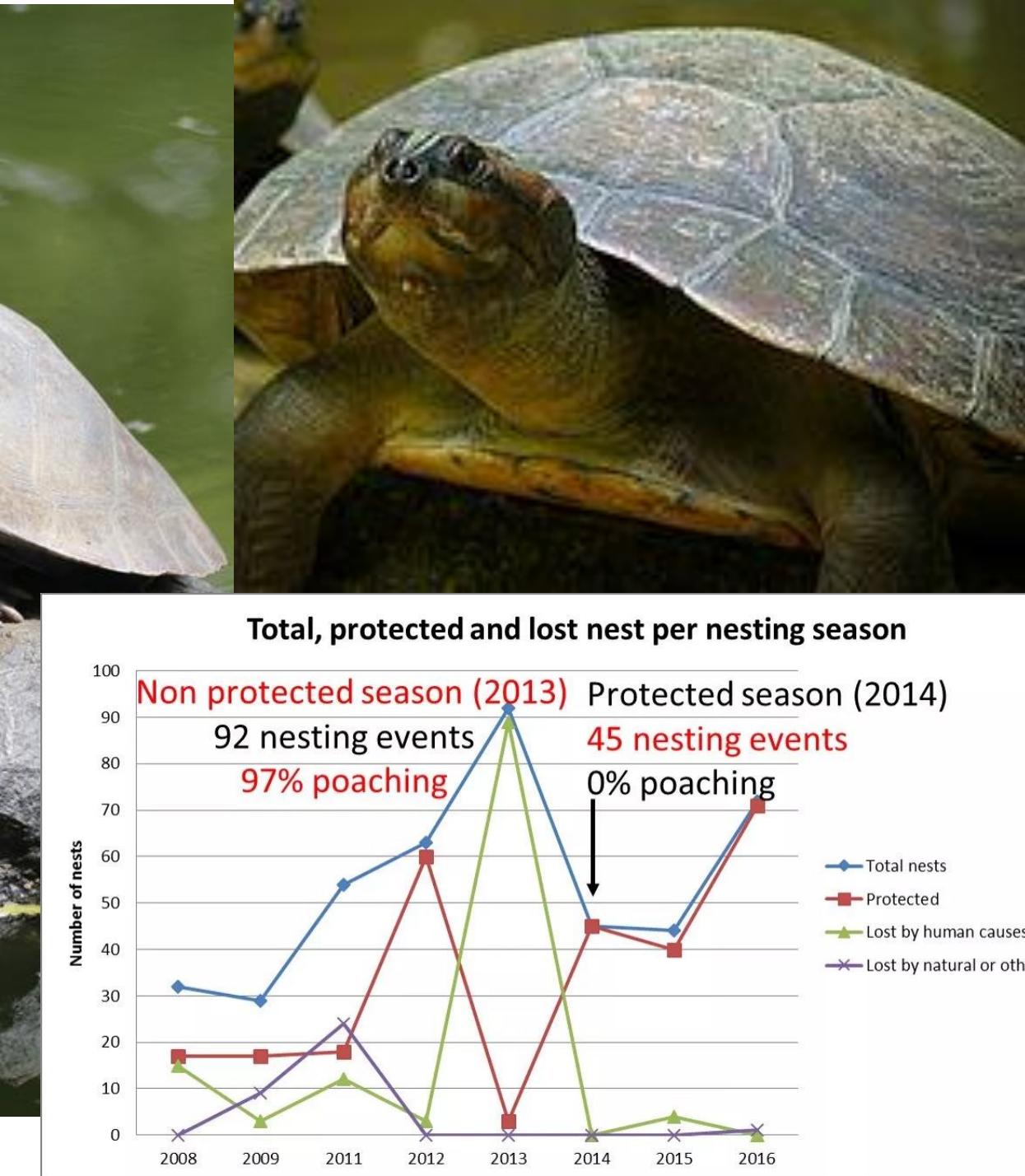
Arrau turtle (*Podocnemis expansa*)



Management of *P. expansa* for conservation aims.

<https://www.inaturalist.org/observations/19494550>

https://en.wikipedia.org/wiki/Arrau_turtle





Pacaya Samiria National Reserve

Piraruco (Arapaima gigas)



Management of A. gigas for conservation and trade aims.

The female variance and inbreeding effective population sizes are approximately 150000 individuals and localities in the Amazon basin are connected by gene flow (Hrbek et al, 2005)



<https://www.cambridge.org/core/journals/animal-conservation-forum/article/population-genetic-analysis-of-arapaima-gigas-one-of-the-largest-freshwater-fishes-of-the-amazon-basin-implications-for-its-conservation/86DEE2F0D1C8FDF9A6270E80B031C7C5>

https://www.google.com/search?tbm=isch&sa=1&ei=spW_XJibCdHgkgW_saLYAg&q=paiche&oq=paiche&gs_l=img..0l10.290098.294897..295968...2.0..4.346.1959.0j7j2j2.....2....1..gws-wiz-img....0..35i39j0i67.4T1wz_bE_Qw#imgrc=t7zuz0MhewhgWM

Red-footed tortoise (*Chelonoidis carbonarius*)



Management of Ch- carbonarius for conservation aims.

Vicuna (*Vicugna vicugna*)



Management of V. vicugna for conservation and trade aims.



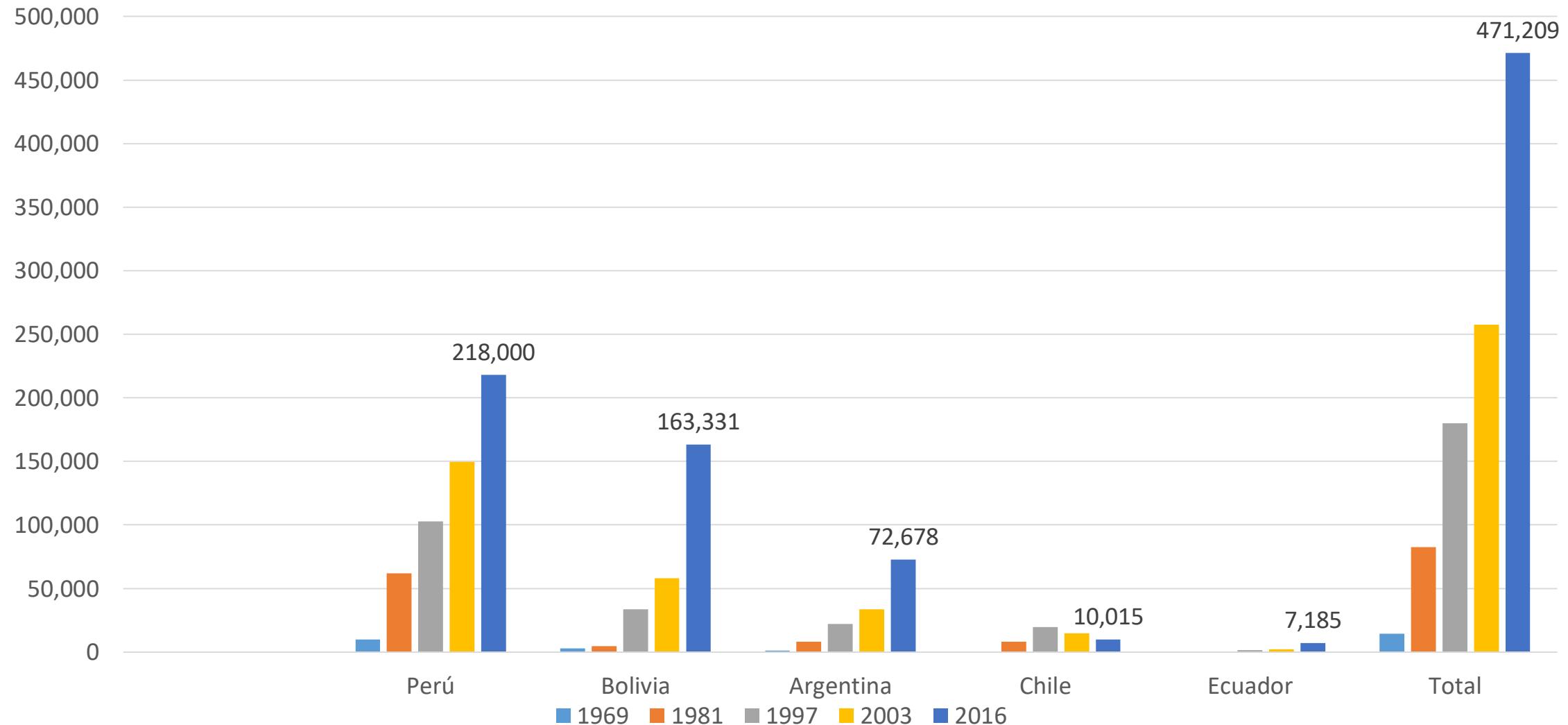


*Management of *V. vicugna* for conservation and trade aims.*



*Management of *V. vicugna* for conservation and trade aims.*

V. vicugna population



Collared peccary (*Pecari tajacu*)



Management of P. tajacu for conservation and trade aims.

White-lipped peccary (*Tayassu pecari*)



Management of T. pecari for conservation and trade aims.

Collared peccary (*Pecari tajacu*) White-lipped peccary (*Tayassu pecari*).

- The majority of trade in peccaries was in wildsourced skins and garments.
- On average, approximately 41 000 peccary skins exported for the fashion industry annually, predominantly collared peccary (*Pecari tajacu*) skins, during 2005-2014, 80% of which were *Pecari tajacu* and the remainder *Tayassu pecari*.



Tremarctos ornatus



Phoenicoparrus andinus

Management of *T. ornatus*, *P. andinus* and *P. jamesi* for conservation aims.



Phoenicoparrus jamesi

Lama guanicoe



Management of L. guanicoe for conservation aims.

Bibliography

- Sinovas, P., Price, B., King, E., Hinsley, A. and Pavitt, A. 2017. Wildlife trade in the Amazon countries: an analysis of trade in CITES listed species. Technical report prepared for the Amazon Regional Program (BMZ/DGIS/GIZ). UN Environment - World Conservation Monitoring Centre, Cambridge, UK.
- CITES export quotas:
<https://cites.org/eng/resources/quotas/index.php>