

# Curriculum Vitae

## (Resumido)

### DATOS PERSONALES

---

**Nombre y apellido:** Sergio Agustín Lambertucci

**Domicilio:** Quintral 1250; CP: 8400 Bariloche – Río Negro.

**Teléfono/Fax:** (0294) 423374/422111/428505 (int. 158) (Laboral); (0294)154505484 (móvil)

**Correo electrónico:** [slambertucci@comahue-conicet.gob.ar](mailto:slambertucci@comahue-conicet.gob.ar)

[http://www.conicet.gov.ar/new\\_scp/detalle.php?id=33470&keywords=lambertucci&datos\\_academicos=yes](http://www.conicet.gov.ar/new_scp/detalle.php?id=33470&keywords=lambertucci&datos_academicos=yes)

<http://uncoma.academia.edu/SergioALambertucci>

[https://www.researchgate.net/profile/Sergio\\_Lambertucci?ev=hdr\\_xprf](https://www.researchgate.net/profile/Sergio_Lambertucci?ev=hdr_xprf)

**CARGO ACTUAL QUE DESEMPEÑA:** Investigador Principal, CONICET (Laboratorio Ecotono, INIBIOMA (CONICET-Universidad Nacional del Comahue)

### 1. FORMACIÓN PROFESIONAL

---

- **Doctor** en Biología. Universidad Nacional del Comahue, Centro Regional Universitario Bariloche.
- **Licenciado** en Ciencias Biológicas, Univ. Nacional del Comahue, Centro Regional Universitario Bariloche.
- **Técnico** Químico, Escuela Técnica Dr. E. Longobardi, Avellaneda, Buenos Aires, Argentina.

### 2. EXPERIENCIA LABORAL

---

#### CARGOS DESEMPEÑADOS

- 2019-Presente: Investigador Principal, CONICET
- 2016-2019: Investigador Independiente, CONICET
- 2013-2016: Investigador Adjunto, CONICET
- 2011-2013: Investigador Asistente, CONICET
- 2010: Beca Posdoctoral de CONICET- Universidad Nacional del Comahue, INIBIOMA/CONICET
- 2006-2010: Beca de Postgrado de CONICET- Universidad Nacional del Comahue, INIBIOMA/CONICET
- 1996-2006: Departamento de Biología y Departamento Educativo del Zoológico de la Ciudad de Buenos Aires.

#### **Trabajo Editorial:**

- ✓ Editor Académico PLoS ONE (2014-continúa).
- ✓ Editor Asociado de Ecología Austral (2013-continúa).
- ✓ Editor de Conservation (2020-continúa)

#### **PREMIOS Y DISTINCIONES**

- Premio “Houssay” 2020, Ministerio de Ciencia, Tecnología e Innovación, en el área Ciencias y Tecnologías Ambientales.
- El Senado de la Nación Argentina declara de interés Nacional mis trabajos de investigación y divulgación, en conjunto con mi grupo de investigación en el año 2020.
- “Distinción por los aportes y conocimiento científicos sobre conservación del Cóndor Andino” 2019. Tercer Congreso Internacional del Cóndor Andino, Valledupar, Colombia.
- Premio “Yunque de oro” al Mejor profesional. Rotary Club Neuquén – Univ. Nacional del Comahue.
- Premio “Manuel Belgrano” Mejor promedio Universitario. Universidad Nacional del Comahue.

#### **Gestión y evaluación**

2020: Integrante Comisión Biología Promociones e Informes, CONICET

2019: Coordinador Comisión Biología Ingresos a Carrera, CONICET

2018: Coordinador alterno Comisión Biología Ingresos a Carrera, CONICET

### 3. PUBLICACIONES Y PARTICIPACIÓN EN EVENTOS CIENTÍFICOS

#### 3.1.1 PUBLICACIONES CIENTÍFICAS

**PUBLICADOS:** Total incluyendo artículos, notas y capítulos de libro > 110

\*Indica estudiante bajo mi dirección o codirección.

##### 2021

1. Lambertucci SA., KL. Speziale. 2021. Need for global conservation assessments and frameworks to include airspace habitat. **Conservation Biology**, Sep 25. <https://doi.org/10.1111/cobi.13641>
2. Ballejo\* F, P. Plaza\*, KL. Speziale, A. Lambertucci and SA. Lambertucci. 2021. Plastic ingestion and dispersion by vultures may produce plastic islands in natural areas. **Science of the Total Environment**, 755 (1): 142421 <https://doi.org/10.1016/j.scitotenv.2020.142421>

##### 2020

3. Williams, H. E. Shepard, M. Holton, P Alarcón, R Wilson and SA. Lambertucci. 2020. Physical limits of flight performance in the heaviest soaring bird. **PNAS**, 28, 117(30):17884-17890.
4. Plaza\*, P, SA Lambertucci. 2020. Ecology and conservation of a rare species: What do we know and what may we do to preserve Andean condors? **Biological Conservation**, 251,108782.
5. Padro\* J, SA Lambertucci, PL Perrig\*, JN Pauli. 2020. Andean and California condors possess dissimilar genetic composition but exhibit similar demographic histories. **Ecology and Evolution**, <https://doi.org/10.1002/ece3.6887>
6. Ballejo\* F, P. Plaza\* and SA. Lambertucci. 2020. The conflict between scavenging birds and livestock producers: field observations do not support peoples' perceptions. **Biological Conservation**, 248:108627.
7. Plaza\* P. G. Blanco and SA. Lambertucci. 2020. Implications of bacterial, viral, and mycotic microorganisms in vultures for wildlife conservation, ecosystem services and public health. **Ibis**, <https://doi.org/10.1111/ibi.12865>
8. Sebastian-Gonzalez et al. 2020. Network structure of vertebrate scavenger assemblages at the global scale: drivers and ecosystem functioning implications. **Ecography**, 43(8):1143-1155.
9. Di Marzio, A. SA. Lambertucci, AJ García-Fernandez, E. Martinez Lopez. 2020. Temporal changes in metal concentrations in Andean condor feathers: a potential influence of volcanic activity. **Env Sci Pol Res**, 27:25600–25611.
10. Silverthorne, K., P. Perrig, SA. Lambertucci, J. Pauli. 2020. Isotopic niche partitioning in avian scavenger communities of South America. **Journal of Raptor Research**, in press.
11. Bravo et al. 2020. Physiological dormancy broken by endozoochory: Austral parakeets as legitimate dispersers of Calafate (*Berberis microphylla*) in the Patagonian Andes. **Journal of Plant Ecology**, 13(5):538–544.
12. Guido\*, J., PAE Alarcón, JA Donazar, F. Hiraldo, SA Lambertucci. 2019. The use of biosphere reserves by a wide-ranging avian scavenger indicates its significant potential for conservation. **Environmental Conservation** 47(1):22-29
13. Ballejo\* F, P. Plaza\* and SA. Lambertucci. 2020. The productive, ecological, and perception problem of the “unacceptable” livestock losses due to scavenger birds. **Biological Conservation (Commentary)**,
14. Ballejo\* F, P. Plaza\* and SA. Lambertucci. 2020. Humans have time to discuss conceptual frameworks, some threatened species have not. **Biological Conservation (Commentary)**,
15. Plaza\*, P.I., G. Wiemeyer\*, S.A. Lambertucci. 2020. Comparison of lead contamination among related scavenging birds sharing food sources: a call for caution when using surrogate species. **Ibis**, <https://doi.org/10.1111/ibi.12815>
16. Péron G., J. Calabrese, O. Duriez, CH. Fleming, R. Garcia-Jimenez, A. Johnston, S.A. Lambertucci, K. Safi, ELC Shepard. 2020. The challenges of estimating the distribution of flight heights from telemetry or altimetry data. **Animal Biotelemetry**, 8:5.
17. Plaza PI\*, G Blanco, G Wiemeyer\*, I López-Rull, D Hornero-Méndez, JA Donázar, F Hiraldo, SA Lambertucci. 2020. Plasma carotenoids and immunity in a despotic avian scavenger. **J Exp Zool A** 333(8):569-578.
18. Perrig, PL, SA Lambertucci, J Cruz, PAE. Alarcón, P. Plaza, A. Middleton, G. Blanco, JA Sánchez-Zapata, JA Donazar, J Pauli. 2020. Identifying conservation priority areas for the Andean condor in southern South America. **Biological Conservation**, 243:108494.
19. Ignazi\*, GO, F Barbar\*, F Hiraldo, JA Donázar, A Trejo, SA Lambertucci. 2020. Potential functional and numerical response in a large sized raptor may be mediated by the abundance of an exotic lagomorph. **Journal of King Saud University-Science**, 32(3):2222-2228.

##### 2019

20. Rebolo-Ifrán\*, N., di Virgilio, A. & **Lambertucci, S.A.** 2019. Drivers of bird-window collisions in southern South America: a two-scale assessment applying citizen science. **Sci Rep** 9, 18148 doi:10.1038/s41598-019-54351-3
  21. Plaza\*, PI., G. Wiemeyer\*, G. Blanco, P. Alarcón\*, D. Hornero-Méndez, JA. Donázar, JA. Sánchez-Zapata, F. Hiraldo, J. de la Rosa, **SA Lambertucci.** 2019. Natural hazards and wildlife health: The effects of a volcanic eruption on the Andean Condor. **The Condor**, duz051, <https://doi.org/10.1093/condor/duz051>
  22. Ballejo F. \*, M Graña Grilli\*, **SA Lambertucci.** 2019. A long and troublesome journey: People's perceptions and attitudes along the migratory path of a scavenger bird. *Ethnobiology and Conservation* 2019, 8:13. doi:10.15451/ec2019-10-8.13-1-13
  23. Barbar, F. \*, **SA Lambertucci.** 2019. Introduced lagomorph produce stronger potential apparent competition in invaded communities than any other species in a similar but native food web. **Biological Invasions** <https://doi.org/10.1007/s10530-019-02082-x>
  24. Graña-Grilli\*, M., K. Bildstein, **SA. Lambertucci.** 2019. Nature's clean-up crew: Quantifying ecosystem services offered by a migratory avian scavenger on a continental scale. **Ecosystem Services**, 39: 100990
  25. Plaza\* PI, Martínez-López, E., **SA. Lambertucci.** 2019. The perfect threat: pesticides and vultures. **Science of the Total Environment** <https://doi.org/10.1016/j.scitotenv.2019.06.160>
  26. Rebolo N.\*; Graña Grilli, M; **Lambertucci Sergio A.** 2019. Drones as a threat to wildlife: YouTube complement science in providing evidence about their effect. **Environmental Conservation**, <https://doi.org/10.1017/S0376892919000080>
  27. Di Marzio A; **Lambertucci, S A**; García-Fernández, A.J.; Martínez-López, E. 2019. From Mexico to the Beagle Channel: A Review of Metal and Metalloid Pollution Studies on Wildlife Species in Latin America. **Environmental Research** <https://doi.org/10.1016/j.envres.2019.04.029>
  28. Plaza\*, PI, G Blanco, F Barbar, G Wiemeyer, P. Alarcón, JA Donázar, F. Hiraldo, **S.A. Lambertucci.** 2019. Protein electrophoresis in Andean condors (*Vultur gryphus*): Reference values and differences between wild and rehabilitating individuals. **Zoo Biology** DOI:10.1002/zoo.21515
  29. Perrig, P., Fountain, ED, **Lambertucci SA**, J Pauli. 2019. Demography of avian scavengers after Pleistocene megafaunal extinction. **Scientific Reports** <https://doi.org/10.1038/s41598-019-45769-w>
  30. Sebastián González, E, (+13), **SA. Lambetucci**, (+27), JA. Sanchez-Zapata. 2019. Scavenging in the Anthropocene: human impact drives vertebrate scavenger species richness at a global scale. **Global Change Biology** <https://doi.org/10.1111/gcb.14708>
  31. Di Virgilio, A., **SA. Lambertucci**, JM Morales. 2019. Sustainable grazing management in rangelands: Over a century searching for a silver bullet. **Agriculture, Ecosystems and Environment** <https://doi.org/10.1016/j.agee.2019.05.020>
  32. Padró\*, J. JN Pauli, P. Perrig, **SA. Lambertucci.** 2019. Genetic consequences of social dynamics in the Andean condor: the role of sex and age. **Behavioral Ecology and Sociobiology** 73: 100. <https://doi.org/10.1007/s00265-019-2714-8>
  33. Plaza\*, PI, **Lambertucci SA.** 2019. What do we know about lead contamination in wild vultures and condors? A review of decades of research. **Science of the Total Environment** 654(1): 409-417. <https://doi.org/10.1016/j.scitotenv.2018.11.099>
  34. Gómez Carella, D., K.L. Speziale SA. Lambertucci. 2019. The role of rocky outcrops in Argentina's native ecosystems: considerations for their management and conservation. **Ecología Austral** 29:315-328
  35. Plaza\*, PI, Guillermo Blanco, J. Madariaga, E. Boeri, ML. Teijeiro, G. Bianco, **SA. Lambertucci.** 2019. Scavenger birds exploiting rubbish dumps: Pathogens at the gates. **Transboundary and Emerging Diseases**, <https://doi.org/10.1111/tbed.13097>
  36. Perrig\*, P.L., **Lambertucci, S.A.**, Donadio, E., Padró, J., & Pauli, J.N. 2019. Monitoring vultures in the 21st Century: the need for standardized protocols. **Journal of Applied Ecology**, <https://doi.org/10.1111/1365-2664.13348>
  37. Plaza\* P., KL Speziale, Zamora L., and **SA Lambertucci.** 2019. Cats and dogs near protected areas: lack of enforcement puts wildlife at risk. **Journal of Wildlife Management**, DOI: 10.1002/jwmg.21637
  38. Gleiser G, KL Speziale, **SA Lambertucci**, F Hiraldo, JL Tella, M Aizen. 2019. Uncoupled evolution of male and female cone sizes in an ancient conifer lineage. **International Journal of Plant Sciences**, 180(1):72-80
  39. Selva et al. 2019. The scavenging community. Chapter 3. In: Carrion Ecology and Management. Book. **Springer**
- 2018**
40. **Lambertucci SA**, Navarro J, Sanchez Zapata JA, Hobson KA, Alarcón PAE, Wiemeyer G, Blanco G, Hiraldo F, Donázar JA.. 2018. Tracking data and retrospective analyses of diet reveal the consequences of loss of marine subsidies for an obligate scavenger. **Proceedings of the Royal Society London B**, 285(1879):20180550. doi: 10.1098/rspb.2018.0550

41. Wilson, R.P. Andrew Neate, Mark D Holton, Emily LC Shepard, D Michael Scantlebury, **Sergio A Lambertucci**, Agustina di Virgilio, Elaine Crooks, Christina Mulvenna, Nikki Marks. 2018. Luck in Food-Finding Affects Individual Performance and Population Trajectories. *Current Biology*, 28:1-7.
42. Marinero N.V., V.B. Cailly-Arnulphi\*, **S.A. Lambertucci**, C.E. Borghi. 2018. Pigmentation, and not only sex and age of individuals, affects despotism in the Andean condor. *PLoS ONE* 13(10): e0205197. <https://doi.org/10.1371/journal.pone.0205197>
43. Alarcón\*, PAE and **SA Lambertucci**. 2018. A three-decade review of telemetry studies on vultures and condors. *Movement Ecology* 6:13 <https://doi.org/10.1186/s40462-018-0133-5>
44. Plaza\* PA, M. Uhart, M., A. Caselli, G. Wiemetyer and **SA Lambertucci**. 2018. A review of lead poisoning in South American birds: The need for more research and policy changes. *Perspectives in Ecology and Conservation* 16(4):201-207
45. Alarcón\* PAE and **SA Lambertucci**. 2018. Pesticides thwart condor conservation. *Science* 360: 612. DOI: 10.1126/science.aat6039
46. Wilson RP, Mark D. Holton, Agustina di Virgilio, Hannah Williams, Emily L. C. Shepard, **Sergio Lambertucci**, Flavio Quintana, Juan E. Sala, Bharathan Balaji, Eun Sun Lee, Mani Srivastava, D. Michael Scantlebury, Carlos M. Duarte 2018. Give the machine a hand: A Boolean time-based decision-tree template for rapidly finding animal behaviours in multi-sensor data. *Methods in Ecology and Evolution* <https://doi.org/10.1111/2041-210X.13069>
47. Barbar\* F and **SA Lambertucci**. Lagomorphs play key roles in the ecosystem: A review of their effects as native and exotic species. *Mammal Reviews* <https://doi.org/10.1111/mam.12126>
48. di Virgilio, A, Juan M. Morales, **Sergio A. Lambertucci**, Emily L.C. Shepard, Rory P. Wilson. 2018. Multi-dimensional Precision Livestock Farming: A toolbox for sustainable rangelands management. *PeerJ* 6:e4867 <https://doi.org/10.7717/peerj.4867>
49. Padró\* J., **SA Lambertucci**, P.L. Perrig, J.N. Pauli. 2018. Evidence of genetic structure in a wide-ranging and highly mobile soaring scavenger, the Andean condor. *Diversity and Distribution* <https://doi.org/10.1111/ddi.12786>
50. Pauli J, E. Donadio and **S.A. Lambertucci**. 2018. The corrupted carnivore: how human fear is rearranging the return of the carnivore-scavenger relationship. *Ecology* 99(9): 2122–2124 doi: [10.1002/ecy.2385](https://doi.org/10.1002/ecy.2385)
51. Barbar\* F., G. Ignazi, F. Hiraldo and **SA. Lambertucci**. 2018. High abundances and breeding spatial aggregation of eagles driven by an exotic lagomorph. *PeerJ* 6:e4746 <https://doi.org/10.7717/peerj.4746>
52. Plaza\* P., KL Speziale, and **SA Lambertucci**. 2018. Rubbish dumps as invasive plant epicenters *Biological Invasions* 20(9):2277–2283 <https://doi.org/10.1007/s10530-018-1708-1>
53. Plaza\* PI and **SA Lambertucci**. 2018. Fatter but unhealthy: Black vultures foraging in rubbish dumps differed in clinical and biochemical parameters with wild feeding birds. *PeerJ* 6:e4645 <https://doi.org/10.7717/peerj.4645>
54. Di Marzio A, Gómez-Ramírez P, Barbar F, **Lambertucci SA**, García-Fernández AJ, Martínez-López E. 2018. Mercury in the feathers of bird scavengers from two areas of Patagonia (Argentina) under the influence of different anthropogenic activities: a preliminary study. *Environmental Science and Pollution Research* 25(14):13906-13915. doi: 10.1007/s11356-018-1333-7
55. Speziale, KL, **SA Lambertucci**, G. Gleiser, F Hiraldo, JL Tella, and M Aizen. 2018. An overlooked plant-parakeet mutualism counteracts human overharvesting on an endangered tree. *Royal Society Open Science* 5(1): 171456. 10.1098/rsos.171456
56. Pérez-García, J. M., Sánchez-Zapata, J. A., **Lambertucci, S. A.**, Hiraldo, F. and Donázar, J. A. (2018), Low-frequency, threatened habitats drive the large-scale distribution of Andean Condors in southern Patagonia. *Ibis*. doi:10.1111/ibi.12563
57. Ballejo\*, F., **S.A. Lambertucci**, A. Trejo, L.J.M. De Santis. 2018. Trophic niche overlap between scavengers from Patagonia supports the condor-vulture competition hypothesis. *Bird Conservation International*, 28(3) 390-402 <https://doi.org/10.1017/S0959270917000211>

## 2017

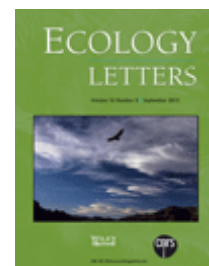
58. Cailly Arnulphi\* VB, **Lambertucci SA**, Borghi CE. 2017. Education can improve the negative perception of a threatened long-lived scavenging bird, the Andean condor. *PLoS ONE* 12(9): e0185278. <https://doi.org/10.1371/journal.pone.0185278>
59. Alarcón\*, PAE., JM Morales, JA Donázar, JA Sanchez-Zapata, and **SA Lambertucci**. 2017. Sexual-size dimorphism modulates the trade-off between exploiting food and wind resources in a large avian scavenger. *Scientific Reports* 7:11461 (DOI:10.1038/s41598-017-11855-0)
60. Gleiser, G., **SA Lambertucci**, KL Speziale, F. Hiraldo, JL Tella, M Aizen. 2017. The southernmost parakeet might be enhancing pollination of a dioecious conifer. *Ecology* 98(11): 2969–2971(DOI: 10.1002/ecy.1938)





61. Plaza\*, P. and S.A. Lambertucci. 2017. What are waste dumps producing on vertebrate demography, health, and conservation? *Global Ecology and Conservation*, 12:9-20 ([doi.org/10.1016/j.gecco.2017.08.002](https://doi.org/10.1016/j.gecco.2017.08.002)) <http://www.anthropocenemagazine.org/2017/10/garbage-dump-ecosystems/>
  62. Péron, G, CH. Fleming, O Duriez, J Fluhr, C Itty, S. Lambertucci, K Safi, ELC Shepard and JM Calabrese. 2017. The energy landscape predicts flight height and wind turbine collision hazard in three species of large soaring raptor. *Journal of Applied Ecology* 54:1895–1906 (DOI: 10.1111/1365-2664.12909)
  63. Wiemeyer\* GM; MA. Pérez, LT Bianchini, L Sampietro, GF. Bravo, NL Jácome, V Astore, SA. Lambertucci. 2017. Repeating conservation threats across the Americas: high levels of blood and bone lead in the Andean Condor widen the problem at a continental scale. *Environmental Pollution* 220(A):672-679 <http://dx.doi.org/10.1016/j.envpol.2016.10.025> <http://www.agenciacyta.org.ar/2016/12/las-balas-matan-a-los-condores-andinos-aunque-no-den-en-el-blanco/>
  64. Graña Grilli\*, M, S.A. Lambertucci, J-F Therrien and K.L. Bildstein. 2017. Wing size but not wing shape is related to migratory behavior in a soaring bird. *Journal of Avian Biology* (doi: 10.1111/jav.01220)
- 2016**
65. Gangoso, L., S.A. Lambertucci, S. Cabezas, P.A.E. Alarcón, G. M. Wiemeyer, J. A. Sanchez-Zapata, G. Blanco, F. Hiraldo, and J. A. Donazar. 2016. Sex-dependent spatial structure of telomere length in a wild long- lived scavenger. *Ecosphere* 7(10):e01544. 10.1002/ecs2.1544
  66. Barbar\* F, F Hiraldo, S.A. Lambertucci. 2016. Novel food webs modified by medium sized exotic preys: the case of carnivores consuming lagomorphs. *PeerJ* 4:e2273; DOI 10.7717/peerj.2273
  67. Lambertucci, S.A. and Adriana Ruggiero. 2016. Cliff outcrops used as condor communal roosts are local hotspots of occupancy and intense use by other bird species. *Biological Conservation* 200:8-16 <http://dx.doi.org/10.1016/j.biocon.2016.05.013>
  68. Blanco, G.; Bravo, C.; Pacífico, E.; Chamorro, D.; Speziale, K.L.; Lambertucci, S.A.; Hiraldo, F.; Tella, J.L. 2016. Internal seed dispersal by parrots: an overview of a neglected mutualism. *PeerJ* 4:e1688 <https://doi.org/10.7717/peerj.1688>
  69. Tella, J, Lambertucci, SA, Speziale KL, F. Hiraldo. 2016. Large-scale impacts of multiple co-occurring invaders on monkey puzzle forest regeneration, native seed predators and their ecological interactions. *Global Ecology and Conservation* 6:1-15. Doi: 0.1016/j.gecco.2016.01.001
  70. Alarcón\*, PAE, Lambertucci S.A., J.A. Donazar, F. Hiraldo, J.A. Sánchez-Zapata, G. Blanco, and J.M. 2016. Morales Movement decisions in natural catastrophes: how a flying scavenger deals with a volcanic eruption. *Behavioral Ecology* 7:75-82. doi:10.1093/beheco/arv124 <https://eos.org/articles/birds-ignore-volcano-blast-puzzle-scientists>
- 2015**
71. Lambertucci, S.A., E.L.C. Shepard, and R.P. Wilson. 2015. Human-wildlife conflicts in a crowded airspace. *Science* 348:502-504. <http://www.bbc.com/news/science-environment-32536907>
  72. Williams, H.J., Shepard, E.L.C., Duriez, O., and Lambertucci, S.A. 2015. Can Accelerometry be used to distinguish between flight types in soaring birds? *Animal Biotelemetry*, 3, 45. 10.1186/s40317-015-0077-0
  73. Speziale, K. L.; Lambertucci, S. A.; Souto C; Hiraldo, 2015. Native species are still goods. *Conservation Biology*; 29:596-598
  74. Barbar\*, F., V. Werenkraut, J.M. Morales, S. A. Lambertucci. 2015. Emerging ecosystems change the spatial distribution of top carnivores even in poorly populated areas. *PLoS ONE* 10(3):e0118851. doi:10.1371/journal.pone.0118851
  75. Martínez-López, E., S. Espín, F. Barbar, S.A. Lambertucci, P. Gómez-Ramírez, AJ. García-Fernández. 2015. Contaminants in the southern tip of South America: analysis of organochlorine compounds in feathers of avian scavengers from Argentinean Patagonia. *Ecotoxicology and Environmental Safety*, 115:83-92.
- 2014**
76. Speziale, K. L.; Lambertucci, S. A.; Souto C; Hiraldo, F. 2014. Recovering native culture in a world of non-native species *Conservation Biology*; 28: 1129–1131.
  77. Lambertucci, S. A.; Alarcon P; Hiraldo, F.; Sanchez-Zapata, J.A.; Blanco G.; Donazar, J. A. 2014. Apex scavenger movements call for transboundary conservation policies. *Biological Conservation*; 170:145-150.
  78. Bidder, O.R., O. Arandjelovi, F. Almutairi, E.L.C. Shepard, S.A. Lambertucci, L.A. Qasem, R.P. Wilson. 2014. A risky business or a safe BET? A Fuzzy Set Event Tree for estimating hazard in biotelemetry studies. *Animal Behaviour* 93:143-150.
  79. Blanco G., L.M. Bautista, D. Hornero-Méndez, S.A. Lambertucci, G. Wiemeyer, J.A. Sanchez-Zapata, F. Hiraldo, J.A. Donazar. 2014. Allometric deviations of plasma carotenoids in raptors. *Ibis (International Journal of Avian Science)*, 156-668-675.
  80. Speziale K.L., Lambertucci S.A., Ezcurra C. 2013. *Bromus tectorum* invasion in South America: Patagonia under threat? *Weed Research* 54:70–77.
- 2013**

81. **Lambertucci, S.A.**; Carrete, M; Speziale, K.L.; Hiraldo, F.; Donazar, J.A. 2013. Population Sex Ratios: Another Consideration in the Reintroduction - Reinforcement Debate? *PLoS ONE* 8 (9):e75821 (ISI-SCI)
  82. Shepard E.L.C. and **S.A. Lambertucci**. 2013. From daily movements to population distributions: Weather affects competitive ability in a guild of soaring birds. *Journal of the Royal Society Interface* 10 (88), 20130612.
  83. Wilson, RP, IW Griffiths, PA Legg, MI Friswell, O Bidder, LG Halsey, **SA Lambertucci** and ELC Shepard. 2013. Turn Costs Change the Value of Animal Search Paths. *Ecology Letters* 16: 1145–1150
  84. **Lambertucci, S.A.** and A. Ruggiero. 2013. Cliffs used as communal roosts by Andean Condors Protect the Birds from Weather and Predators *PLoS ONE* 8(6):e67304. doi:10.1371/journal.pone.0067304
  85. Shepard ELC, Wilson RP, Rees WG, Grundy E, **Lambertucci SA**, Vosper S. 2013. Energy landscapes shape animal movement ecology. *American Naturalist* 182(3): 298-312.
  86. Blanco G., D. Hornero-Méndez, **S.A. Lambertucci**, L.M. Bautista, G. Wiemeyer, J.A. Sanchez-Zapata, J. Garrido-Fernández, F. Hiraldo, J.A. Donazar. 2013. Need and seek for dietary micronutrients: endogenous regulation, external signalling and food sources of carotenoids in New World vultures. *PLoS ONE* 8(6): e65562.
  87. **Lambertucci, S.A.** 2013. Variability in size of groups in communal roosts: influence of age-class, abundance of individuals and roosting site. *Emu (Austral Ornithology)* 113(2):122-127
  88. Wiemeyer\*, G.M., **S.A. Lambertucci**, L. Torres Bianchini and G. Belerenian. 2013. Electrocardiography in ConISI-SCIOUS Releasable Andean Condors (*Vultur gryphus*): Reference Panel and Unusual Findings. *Zoo Biology* 32(4): 381-386
  89. Speziale, K.L., **S.A. Lambertucci**. 2013. The effect of introduced species on raptors. *Journal of Raptor Research* 47(2):133-144 (invited paper on memory of Prof. Gary Bortolotti)
  90. Galende, G. A. Troncoso and **S.A. Lambertucci**. 2013. Effects of the coypu (*Myocastor coypus*) abundances and diet selection on a wetland of the Patagonian steppe. *Studies on Neotropical Fauna and Environment* 48(1):32-39.
- 2012**
91. **Lambertucci, S.A.**, M. Carrete, J.A. Donazar, and F. Hiraldo. 2012. Large-scale Age-dependent Skewed Sex Ratio in a Sexually Dimorphic Avian Scavenger. *PLoS ONE* 7(9): e46347. doi:10.1371/journal.pone.0046347
  92. Speziale, K.L., **S.A. Lambertucci**, M. Carrete and J.L. Tella. 2012. Dealing with alien species in South America: what makes the difference? *Biological Invasions* 14:1609-1621  
[http://www.conicet.gov.ar/new\\_noticias/noticias.php?id\\_noticia=8793&tipo=5&nota\\_completa=yes](http://www.conicet.gov.ar/new_noticias/noticias.php?id_noticia=8793&tipo=5&nota_completa=yes)
- 2011**
93. Shepard, E.L.C., **S.A. Lambertucci**, D. Vallmitjana and R.P. Wilson. 2011. Energy beyond food: Foraging theory informs time spent in thermals by a large soaring bird. *PLoS ONE* 6(11): e27375. doi:10.1371/journal.pone.0027375 [http://www.conicet.gov.ar/new\\_scp/noticias.php?id\\_noticia=8290&nota\\_completa=yes](http://www.conicet.gov.ar/new_scp/noticias.php?id_noticia=8290&nota_completa=yes)
  94. **Lambertucci, S.A.**, Speziale, K. 2011. Protecting invaders for profit. *Science* 332:35.
  95. **Lambertucci, S.A.**, J.A. Donazar, A. Delgado Huertas, B. Jiménez, M. Sáez, J.A. Sanchez-Zapata and F. Hiraldo. 2011. Widening the problem of lead poisoning to a South-American top scavenger: Lead concentrations in feathers of wild Andean condors. *Biological Conservation* 144(5):1464-1471. <https://doi.org/10.1016/j.biocon.2011.01.015>
- 2010**
96. **Lambertucci, S.A.**, J.A. Donazar and F. Hiraldo. 2010. Poisoning wildlife and people with lead: time to stop. *Environmental Science & Technology* 44:7759–7760.
  97. Speziale, K.L. and **S.A. Lambertucci**. 2010. A call for action to curb invading species in South America. *Nature*, 467:163.
  98. **Lambertucci, S.A.** 2010. Size and spatio-temporal variations of the Andean condor *Vultur gryphus* population in north-west Patagonia, Argentina: communal roosts and conservation. *Oryx* 44:441-447
  99. Alcaide, M., L. Cadahía, **S.A. Lambertucci** and J.J. Negro. 2010. Noninvasive estimation of minimum population sizes and variability of the major histocompatibility complex in the Andean condor. *Condor (Ornithological Applications)* 112:470–478.
  100. Carrete, M., **S.A. Lambertucci**, K. Speziale, O. Ceballos, A. Travaini, M. Delibes, F. Hiraldo and J.A. Donazar. 2010. Winners and losers in human-made habitats: interspecific competition outcomes in two Neotropical vultures. *Animal Conservation*, 13:390-398.
- 2009**
101. **Lambertucci, S.A.** and K.L. Speziale. 2009. Some possible anthropogenic threats to breeding Andean Condors (*Vultur gryphus*). *Journal of Raptor Research*, 43:245-249.



102. **Lambertucci, S.A.**, A. Trejo, S. Di Martino, J.A. Sánchez-Zapata, J.A. Donazar and F. Hiraldo. 2009. Spatial and temporal patterns in the diet of the Andean Condor: ecological replacement of native fauna by exotic species. *Animal Conservation* 12:338-345.
103. **Lambertucci, S.A.**, K.L. Speziale, T.E. Rogers and J.M. Morales. 2009. How do roads affect the habitat use of an assemblage of scavenging raptors? *Biodiversity and Conservation* 18:2063-2074.
104. Saggese, M.D., A. Quaglia, **S.A. Lambertucci**, M.S. Bo, J.H. Sarasola, R. Pereyra- Lobos and J.J. Maceda. 2009. Survey of lead toxicosis in free-ranging raptors from central Argentina. In: Ingestion of spent lead ammunition: Implications for wildlife and humans. (Watson, R.T, Fuller, M., Pokras, M. and Hunt, W.G., eds.). The Peregrine Fund, Boise, Idaho. (DOI 10.4080/ilsa.2009.0211), pp 223-231.
105. **Lambertucci SA**, F. Barbar, C. Cabrera y M Bertini. 2009. Comentarios sobre las aves de la Sierra Pailmán. *Nuestras Aves* 54:81-87.
106. Speziale, K. and S.A. Lambertucci. 2009. El picaflor gigante (*Patagona gigas*) en la provincia de Río Negro. *Nuestras Aves* 54: 39-40.
- 2008**
107. Speziale, K., **S.A. Lambertucci** and O. Olsson. 2008. Disturbance from roads negatively affects Andean Condor habitat use. *Biological Conservation* 141:1765-1772.
108. **Lambertucci, S.A.**, N.L. Jácome and A. Trejo. 2008. Use of communal roosts by the Andean Condor in North-west Patagonia, Argentina. *Journal of Field Ornithology* 79:138-146.
109. **Lambertucci, S.A.**, and O.A. Mastrantuoni. 2008. Breeding behavior of a pair of free-living Andean Condors. *Journal of Field Ornithology* 79:147-151.
- 2007**
110. Pastore, H, **SA Lambertucci** and M Gelain. 2007. Rufous-tailed Hawk (*Buteo ventralis*) natural history in Argentine Patagonia. Pp. 106-118, in: Bildstein, K.L., D.R. Barber and A. Zimmerman (Eds.) *Neotropical Raptors, Hawk Mountain Sanctuary, Pennsylvania, USA*.
111. **Lambertucci, SA**. 2007. Biología y Conservación del Cóndor Andino (*Vultur gryphus*) en Argentina. *Hornero* 22:149-158.
112. Trejo, A y **S. Lambertucci**. 2007. Feeding habits of Barn Owls along vegetative gradient in northern Patagonia. *Journal of Raptor Research* 41: 277- 287.

### 3.1.2 PUBLICACIONES DE DIVULGACIÓN, COMENTARIOS, REVISIÓN LIBROS (TOTAL 20, SE MUESTRAN ÚLTIMOS AÑOS)

- ✓ Wallace et. al. 2020. Protegiendo el símbolo de los andes: ejercicio de priorización a lo largo del rango del condor andino.  
<https://chile.wcs.org/Portals/134/RWPS%20C%C3%B3ndor%20Andino%20Espa%C3%B1ol%20Baja.pdf?ver=2020-09-04-210927-003>
- ✓ **Lambertucci S.A.** 2019. Un ave muy particular. *Aves Argentinas* 56: 8-15. Artículo de divulgación científica.
- ✓ **Lambertucci S.A.** 2018. Buitres: evolución, ecología y conservación (Revisión de Libro) *El Hornero* 33(1):69-71
- ✓ Plaza P, Wiemeyer G y **SA Lambertucci**. 2016. Salud de aves carroñeras y su relación con la actividad humana. *Macroscopia Año 4*, N° 5:11-14
- ✓ **Lambertucci, SA**, S Walker y A Novaro. 2014. Carnívoros y carroñeros renovaron la dieta. (p. 185) *Ecología e historia natural de la Patagonia Andina: un cuarto de siglo de investigación en biogeografía, ecología y conservación*. E. Raffaele, M. de Torres Curth, C.L. Morales y T. Kitzberger Editores. - 1a ed. - Ciudad Autónoma de Buenos Aires : Fundación de Historia Natural Félix de Azara, 2014. 256 p.
- ✓ **Lambertucci, SA**, y KL Speziale. 2014. Rapaces y rutas patagónicas (p. 178-179) *Ecología e historia natural de la Patagonia Andina: un cuarto de siglo de investigación en biogeografía, ecología y conservación* E. Raffaele, M. de Torres Curth, C.L. Morales y T. Kitzberger. - 1a ed. - Ciudad Autónoma de Buenos Aires : Fundación de Historia Natural Félix de Azara, 2014. 256 p.
- ✓ Alarcon, P., S.A. **Lambertucci**, J.M. Morales, G. Wiemeyer, O. Mastrantuoni, E. Shepard, J.A. Sanchez-Zapata, G. Blanco, M. de la Riva, F. Hiraldo, and J.A. Donazar. 2013. La Ecología del movimiento: tras los pasos del Condor Andino. [Movement ecology: in the footsteps of Andean Condors]. *Desde la Patagonia Difundiendo Saberes* 10(16):2-10
- ✓ Donazar, JA., **Lambertucci, SA.**, et al. 2012. Ecología y conservación del cóndor andino en la Patagonia. *Quercus*, 322:36-46
- ✓ **Lambertucci, SA**. 2010. Common Policies for Condors. *Science* (e-letter)  
<https://science.sciencemag.org/content/326/5953/664.1/tab-e-letters>

### 3.2 REUNIONES CIENTÍFICAS

TOTAL: >50 (SE MUESTRAN LOS ÚLTIMOS AÑOS)

#### 3.2.1 TRABAJOS PRESENTADOS EN CONGRESOS Y REUNIONES CIENTÍFICAS

- ✓ **Lambertucci, SA.** 2018 (**Conferencia**). Moviendo energía del mar a la tierra: los cambios históricos en subsidios marinos pueden modificar los hábitos de forrajeo modernos del cóndor andino. V Congreso Colombiano de Zoología, Bogotá, 3-7 Diciembre.
- ✓ **Lambertucci SA.** 2017(**Conferencia**). Sharing the air with wildlife: patterns, processes and conservation in 3D. Ornithological Congress of the Americas. XVII RAO/XXIV CBO/XCV AFO. Puerto Iguazú, Argentina.
- ✓ Rebolo, Natalia; **Lambertucci, Sergio.** 2017. Threats in the airspace for the Andean condor (*Vultur gryphus*): The conflicts with current and future human infrastructure. Ornithological Congress of the Americas. XVII RAO/XXIV CBO/XCV AFO. Puerto Iguazú, Argentina
- ✓ Guido, Jorgelina M; Alarcón, Pablo A.E.; **Lambertucci, Sergio A.** 2017 the challenge of protecting dispersants of a species with large home ranges, the andean condor. Ornithological Congress of the Americas. XVII RAO/XXIV CBO/XCV AFO. Puerto Iguazú, Argentina
- ✓ Perrig, Paula L.; Donadio, Emiliano; **Lambertucci, Sergio A.**; Varela, Bruno D.; Pauli, Jonathan N. Native camelids as carrion resources for andean condors across a spectrum of human-altered landscapes. Ornithological Congress of the Americas. XVII RAO/XXIV CBO/XCV AFO. Puerto Iguazú, Argentina
- ✓ Ballejo, Fernando; Molares, Soledad; **Sergio A. Lambertucci.** 2017. Do farmers consider bird scavengers as a problem? Evaluation of the perceptions of different rural communities. Ornithological Congress of the Americas. XVII RAO/XXIV CBO/XCV AFO. Puerto Iguazú, Argentina
- ✓ Shepard, E.L.C.; **Lambertucci, S.A.** 2015. In-flight energy gains reveal benefits of being big: the case of the Andean Condor. British Ornithological Union Annual Conference; University of Leicester, UK; 31 March – 3 April 2015;
- ✓ Shepard, E.L.C.; **Lambertucci, S.A.** Weather Affects Competitive Ability in a Guild of Soaring Birds. I Worldwide Raptor Conference. Lugar: Bariloche; Año: 2013;
- ✓ Speziale, K. L.; **Lambertucci, S. A.** Raptors and Introduced Species: An Ambiguous Relationship and Needs for Research. I Worldwide Raptor Conference. Lugar: Bariloche; Año: 2013;
- ✓ Alarcon P.A.E.; **Lambertucci, S. A.**; Donázar, J. A.; Hiraldo, F.; Sanchez-Zapata, J.A.; Blanco G.; Morales J. M. Catastrophic Events as Pulsed Resources Scenarios for Scavengers: Andean Condors Dealing with Volcanic Eruption-Induced Mass Deaths. I Worldwide Raptor Conference Lugar: Bariloche; Año: 2013;
- ✓ Ballejo F; **Lambertucci, S. A.**; De Santis, L. Trophic Niche Overlap Between Raptorial Scavengers in Patagonia: New Support for the Competition Hypothesis. I Worldwide Raptor Conference. Lugar: Bariloche; Año: 2013;
- ✓ Cailly-Arnulphi V; **Lambertucci, S. A.**; Borghi, C. Human Perception is Threatening Andean Condors (*Vultur gryphus*) in San Juan, Argentina. I Worldwide Raptor Conference. Lugar: Bariloche; Año: 2013;
- ✓ Martínez-López E; Espín S; Gómez-Ramírez, P.; Barbar, F.; **Lambertucci, S.A.**; García-Fernández, A.J. Environmental Contaminants in Feather of Avian Scavengers from Patagonia, Argentina. I Worldwide Raptor Conference. Lugar: Bariloche; Año: 2013;
- ✓ Wiemeyer, G.M.; Pérez M; Bravo G; Jácome N.L.; Astore V; **Lambertucci, S.A.** Lead Exposure in South American Vultures: A Regional Threat for the Andean Condor (*Vultur gryphus*)? I Worldwide Raptor Conference. Lugar: Bariloche; Año: 2013;
- ✓ Barbar, F.; Werenkraut V; Morales J. M; **Lambertucci, S.A.** How Human Constructions Influence the Spatial Distribution of Birds of Prey in Northwest Patagonia? I Worldwide Raptor Conference. Lugar: Bariloche; Año: 2013;
- ✓ Ignazi, G.O.; Trejo A.; Hiraldo, F.; Donázar, J. A.; Sanchez-Zapata, J.A.; **Lambertucci, S. A.** Black-chested Buzzard-eagle Population Trends in Patagonia and the Possible Relationship with its Main Food Source. I Worldwide Raptor Conference Año: 2013;

### **Otras actividades:**

#### **4.1 DOCENCIA:**

- Docente, Jefe de Trabajos Prácticos (ASD3) Ecología, Universidad Nacional del Comahue (UNCOMA) (2015-presente), AYP3 Ecología UNCOMA (2014-2015), Colaborador en docencia Conservación de los Ecosistemas (2008-2012), AYS Ecología (2005), UNCOMA.
- Profesor en curso de postgrado (2015-continúa): Bases y Herramientas en Biología de la Conservación. Doctorado Universidad Nacional del Comahue.
- Docente: 15 cursos de formación (UNCOMA, Zoológico de Buenos Aires, APN, WCS, etc.)
- > 60 charlas de divulgación (en Argentina, Brasil, Perú, Colombia, España, Reino Unido, y Estado Unidos).
- Categorización docente: Categoría II

#### **4.2 SUBSIDIOS: 18** proyectos por un monto superior a los 12 millones de pesos argentinos (en proyectos en dólares, euros y pesos).



### 4.3 FORMACIÓN DE RECURSOS HUMANOS

EN CURSO Y FINALIZADAS:

-Director (6)/codirector (3) de 9 tesis doctorales (6 defendidas, 1 presentada y 2 en desarrollo); Director de 2 tesis de licenciatura (finalizadas) (Universidad Nacional del Comahue-UBA- PROBIOL). Director 6 postdoctorandos, 5 Investigadores Asistentes y director de 6 estancias de investigación para extranjeros.

**4.4 Colaboración:** Proyectos y publicaciones con > 180 investigadores de >20 países y pertenecientes a >70 instituciones.

### 4.5 Otros

- **Revisión de manuscritos** para (>70 artículos): *Ecology, Ecological Applications, Conservation Letters, Biological Conservation, Animal Conservation, Proceedings of the Royal Society B, Global Ecology and Biogeography, PLoS ONE, Behavioral Ecology, Science of the Total Environment, Ecotoxicology and Environmental Safety, Endangered Species Research, Integrative Zoology, International Journal of Ecology, European Journal of Wildlife Research, Bird Conservation International, The Condor, The Auk, IBIS, El Hornero, Journal of Field Ornithology, Journal of Raptor Research, Wilson Journal of Ornithology, Ecología Austral, Zoología, Ornitología Neotropical, Acta Zoológica Mexicana, Acta Zoologica Lilloana, Check List, Ciencia Hoy, Nuestras Aves.*

- **Jurado de Tesis Doctoral:** Jurado Titular de >10 Tesis Doctorales (Doctorado en Biología de la Universidad Nacional del Comahue, de la Universidad de Buenos Aires, Universidad de La Plata, etc.). Jurado PhD Thesis University of Wisconsin-Madison. Jurado Tesis Doctoral en Ciencias Biológicas Pontificia Universidad Javeriana, Bogotá – Colombia. Jurado externo de dos Tesis Doctorales Internacionales, Universidad de Alicante, Sevilla. Jurado Tesis de Maestría Universidad de Wisconsin-Madison. **Jurado de Examen de Candidatura: Tesis Doctoral:** Doctorado de Ciencias Biológicas Pontificia Universidad Javeriana, Bogotá – Colombia. **Tesis Maestría:** Universidad de Wisconsin, Madison, USA. **Comité tutorial de Tesis Doctoral:** Estudiante Doctorado de Ciencias Biológicas Pontificia Universidad Javeriana, Bogotá – Colombia. **Jurado concurso** para Dirección, Universidad Nacional de La Pampa.

- **Revisión de proyectos** de doctorado, postulaciones a becas y cargos:

- Comisión de Doctorado de la Esc. para Graduados de la Facultad de Agronomía, UBA (FAUBA)
- Doctorado en Biología, Universidad Nacional del Comahue
- Doctorado en Biología, Universidad de Buenos Aires
- Doctorado en Biología, Universidad Nacional de La Plata
- Pontificia Universidad Javeriana, Bogotá, Colombia
- Maestría y Doctorado de la Universidad de Wisconsin, USA
- Ingresos a Carrera de Investigador CIC, CONICET
- Ascensos Carrera de Investigador CIC, CONICET
- Proyectos plurianuales PICT- Agencia de Investigación Ciencia y Técnica
- Proyectos de Investigación plurianuales PIP CONICET
- Proyectos Rufford
- Proyectos National Geographic

- Co-Presidente **Comité organizador de la “I Raptor World Conference”** Bariloche, Octubre de 2013.

- **Comité organizador-científico VI Southern Connection** Conference 15-19/2/2010, Bariloche, Argentina.

- **Miembro del IUCN/SSC Vulture Specialist Group** (Director para Latinoamérica), IUCN Species Survival Commission (SSC).