

Kristina L. Cockle

Curriculum Vitae

17 July 2020

Research Scientist, Instituto de Biología Subtropical (CONICET-UNaM)
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EDUCATION

- 2010 Ph.D., University of British Columbia, Department of Forest Sciences
- 2003 M.Sc., Dalhousie University, Department of Biology
- 2000 B.Sc., University of British Columbia, Faculty of Forestry

APPOINTMENTS

- 2018 – Research Scientist, Instituto de Biología Subtropical (CONICET-UNaM),
Misiones, Argentina
- 2015 – 2018 Research Scientist, Instituto de Bio y Geociencias (CONICET-UNSa), Salta,
Argentina
- 2012 – 2014 Postdoctoral Fellow (NSERC PDF), Louisiana State University, School of
Renewable Natural Resources, USA
- 2011 – 2012 Postdoctoral Fellow (CONICET PDF), CICyTTP, Entre Ríos, Argentina

ADJUNCT APPOINTMENTS

- 2015 – Adjunct Professor, University of British Columbia, Department of Forest and
Conservation Sciences, Canada

LEAVES

- 2011 – 2012 Parental leave (7 months)
- 2014 Parental leave (12 months half time)

PUBLICATIONS

Google Scholar Citations: 1547, h-index: 19

Peer-reviewed Publications (67)

67. Ibarra JT, **Cockle** KL, Altamirano TA, van der Hoek Y, Simard S, Bonacic C, Martin K (2020) Nurturing resilient forest biodiversity: nest webs as complex adaptive systems. *Ecology & Society* 25: 27.
66. Bonaparte EB, Ibarra JT, **Cockle** KL (In Press) Conserving nest trees used by cavity-nesting birds from endangered primary Atlantic Forest to open farmland: increased relevance of excavated cavities in large dead trees on farms. *Forest Ecology and Management*.
65. Zulian V, Müller ES, **Cockle** KL, Lesterhuis A, Tomasi Júnior R, Prestes NP, Martinez J, Kery M, Ferraz G (2020) Addressing multiple sources of uncertainty in the estimation of parrot abundance from roost counts: a case study with the Vinaceous-breasted Parrot (*Amazona vinacea*). *Biological Conservation* 248: 108672.
64. Lammertink M, Fernández JM, **Cockle** KL (In Press) Comparison of nesting ecology of three co-existing Atlantic Forest woodpeckers reveals narrow specialization in the Helmeted Woodpecker *Celeanus galeatus*. *Acta Ornithologica*.
63. Wiebe KL, **Cockle** KL, Trzcinski MK, Edworthy AB, Martin K (2020) Gaps and runs in nest cavity occupancy: cavity “destroyers” and “cleaners” affect reuse by secondary cavity nesting vertebrates. *Frontiers in Ecology and Evolution* 8: 205.
62. **Cockle** KL, Ibarra JT, Altamirano TA, Martin K (2019) Interspecific networks of cavity-nesting vertebrates reveal a critical role of broadleaf trees in endangered *Araucaria* mixed forests of South America. *Biodiversity and Conservation* 28: 3371–3386.
61. Bodrati A, Fariña N, Villalba O, Pagano L, **Cockle** KL (2019) Notes on reproductive biology of the Sickie-winged Nightjar (*Eleothreptus anomalus*) in Argentina. *Ornitología Neotropical* 30: 157–162.
60. Bodrati A, Gómez M, Ferreyra CA, **Cockle** KL (2019) Nesting of the Buff-fronted Owl (*Aegolius harrisi*) in Misiones, Argentina. *Ornitología Neotropical* 30: 151–156.
59. **Cockle** KL, Trzcinski MK, Wiebe KL, Edworthy AB, Martin K (2019) Lifetime productivity of tree cavities used by cavity-nesting animals in temperate and subtropical forests. *Ecological Applications* 29: e01916.
58. Di Sallo FG, Bodrati A, **Cockle** KL (2019) Nesting and natural history of the Chestnut-bellied Euphonia (*Euphonia pectoralis*) in Misiones, Argentina, and comparison with other species in the genus. *Ornitología Neotropical* 30: 19–26.

57. Lammertink M, Fernández JM, **Cockle** KL (2019) Helmeted Woodpeckers roost in decay-formed cavities in large living trees: a clue to an old-growth forest association. *The Condor: Ornithological Applications* 121: 1–10.
56. Campanello PI, Von Below J, Hilgert NI, **Cockle** KL, Villagra M, di Francescantonio D, García DS, Jaramillo M, Gauto OA, Goldstein G (2019) Is sustainable forest harvesting possible in Misiones? The need for multi-scale management, research, high-impact interventions, and funding. *Ecología Austral* 29: 122–137.
55. Bodrati A, **Cockle** KL, Di Sallo FG (2018) Nesting and natural history of the Plain-winged Woodcreeper (*Dendrocincla turdina*). *Wilson Journal of Ornithology* 130: 696–707.
54. Fariña N, Villalba O, Pagano L, Bodrati A, **Cockle** KL (2018) Vocalizations, mechanical sounds, and displays of the Sickie-winged Nightjar (*Eleothreptus anomalus*) in Argentina. *Ornitología Neotropical* 29: 117–127.
53. Bodrati A, **Cockle** KL (2018) Reproductive biology and distribution of the Silky-tailed Nightjar (*Anrostomus sericeocaudatus*) in Argentina. *Ornitología Neotropical* 29: 1–11.
52. Edworthy AB, Trzcinski MK, **Cockle** KL, Wiebe KL, Martin K (2018) Tree cavity occupancy by nesting vertebrates across cavity age. *Journal of Wildlife Management* 82: 639–648.
51. Bodrati A, **Cockle** KL (2017) Nest, eggs and reproductive behavior of Greenish Schiffornis (*Schiffornis virescens*). *Brazilian Journal of Ornithology* 25: 273–276.
50. **Cockle** KL, Bodrati A (2017) Divergence in nest placement and parental care of Neotropical foliage-gleaners and treehunters (Furnariidae: Philydorini). *Journal of Field Ornithology* 88: 336–348.
49. Bodrati A, **Cockle** KL (2017) Nest predation and interspecific nesting associations involving Plumbeous Kite (*Ictinia plumbea*) and becards (*Pachyramphus* spp.). *Ornitología Neotropical* 28: 201–207.
48. Berkunsky I, ..., **Cockle** KL, ... et al. (2017) Current threats faced by Neotropical parrot populations. *Biological Conservation* 214: 278–287.
47. Bonaparte EB, **Cockle** KL (2017) Nest niche overlap among endangered Vinaceous-breasted Parrot (*Amazona vinacea*) and sympatric cavity-using birds, mammals, and social insects in the subtropical Atlantic Forest. *The Condor: Ornithological Applications* 119: 58–72.
46. Ibarra JT, Martin M, **Cockle** KL, Martin K (2017) Maintaining ecosystem resilience: functional responses of tree cavity nesters to logging in temperate forests of the Americas. *Scientific Reports* 7: 4467.

45. **Cockle** KL, Martin K, Bodrati A (2017) Persistence and loss of tree cavities used by birds in the subtropical Atlantic Forest. *Forest Ecology and Management* 384: 200–207.
44. **Cockle** KL, Bodrati A, Lammertink M, Bonaparte EB, Ferreyra C, Di Sallo FG (2016) Predators of bird nests in the Atlantic forest of Argentina and Paraguay. *Wilson Journal of Ornithology* 128: 120–131.
43. **Cockle** KL, Martin K (2015) Temporal dynamics of a commensal network of cavity-nesting vertebrates: increased diversity during an insect outbreak. *Ecology* 96: 1093–1104.
42. **Cockle** KL, Bodrati A, Lammertink M, Martin K (2015) Cavity characteristics, but not habitat, influence nest survival of cavity-nesting birds along a gradient of human impact in the subtropical Atlantic Forest. *Biological Conservation* 184: 193–200.
41. Bodrati A, **Cockle** KL, Di Sallo FG, Ferreyra C, Salvador SA, Lammertink M (2015) Nesting and social roosting of the Ochre-collared Piculet (*Picumnus temminckii*) and White-barred Piculet (*Picumnus cirratus*), and implications for the evolution of woodpecker (Picidae) breeding biology. *Ornitología Neotropical* 26: 223–244.
40. Bodrati A, **Cockle** KL, Di Sallo FG, Salvador SA (2015) Reproductive biology of the Red-billed Scythebill (*Campylorhamphus trochilirostris*) and Black-billed Scythebill (*C. falcularius*) in Argentina. *Ornitología Neotropical* 26: 165–174.
39. Bodrati A, **Cockle** KL, Di Sallo FG (2014) Nesting of the Short-tailed Antthrush (*Chamaeza campanisona*) in the Atlantic forest of Argentina. *Ornitología Neotropical* 25: 421–431.
38. **Cockle** KL, Bodrati A (2013) Nesting of the White-throated Woodcreeper *Xiphocolaptes albicollis*. *Wilson Journal of Ornithology* 125: 782–789.
37. Bodrati A, **Cockle** KL (2013) Distribution, nesting, and vocalizations of the Black-banded Owl (*Ciccaba huhula albomarginata*) in Argentina. *Ornitología Neotropical* 24: 169–182.
36. Altshuler DL, **Cockle** KL, Boyle WA (2013) North American ornithology in transition. *Biology Letters* 9: 20120876. [Meeting report]
35. **Cockle** KL, Areta JI (2013) Specialization on bamboo by Neotropical birds. *Condor* 115: 217–220. [Introduction to special section]
34. **Cockle** KL, Martin K, Robledo G (2012) Linking fungi, trees, and hole-using birds in a Neotropical tree-cavity network: pathways of cavity production and implications for conservation. *Forest Ecology and Management* 264: 210–219.
33. Areta JI, **Cockle** KL (2012) A theoretical framework for understanding the ecology and conservation of bamboo-specialist birds. *Journal of Ornithology* 153: S163–S170.

32. Bodrati A, **Cockle** KL, Salvador SA, Klavins J (2012) Nesting of the Olivaceous Woodcreeper (*Sittasomus griseicapillus*). *Ornitología Neotropical* 23: 325–334.
31. Bodrati A, **Cockle** KL (2012) Long-trained Nightjar in Argentina: endangered species or range expansion? *Cotinga* 34: 118–135.
30. Segovia JM, **Cockle** KL (2012) Conservation of the Vinaceous Parrot (*Amazona vinacea*) in Argentina. *Hornero* 27: 27–37.
29. **Cockle** KL, Berkunsky I, López de Casenave J (2012) Ecology, conservation and management of parrots in Argentina. *Hornero* 27: 1–4. [Introduction to special issue]
28. **Cockle** KL, Martin K, Wesolowski T (2011) Woodpeckers, decay, and the future of cavity-nesting vertebrate communities worldwide. *Frontiers in Ecology and the Environment* 9: 377–382.
27. **Cockle** K, Martin K, Wiebe K (2011) Selection of nest trees by cavity-nesting birds in the Neotropical Atlantic forest. *Biotropica* 43: 228–236.
26. Bodrati A, **Cockle** KL (2011) Nesting of the Scalloped Woodcreeper (*Lepidocolaptes falcinellus*). *Ornitología Neotropical* 22: 195–206.
25. Stouffer PC, **Cockle** KL, Aleixo A, Areta JI, Mazar Barnett J, Bodrati A, Cadena CD, Di Giacomo AS, Herzog SK, Hosner P, Johnson EI, Naka LN, Sánchez C (2011) No evidence for widespread bird declines in protected South American forests. *Climatic Change* 108: 383–386.
24. **Cockle** KL, Martin K, Drever MC (2010) Supply of tree-holes limits nest density of cavity-nesting birds in primary and logged subtropical Atlantic forest. *Biological Conservation* 143: 2851–2857.
23. **Cockle** KL (2010) Interspecific cavity-sharing between a Helmeted Woodpecker (*Dryocopus galeatus*) and two White-eyed Parakeets (*Aratinga leucophthalma*). *Wilson Journal of Ornithology* 122: 803–806.
22. Norris AR, **Cockle** KL, Martin K (2010) Evidence for tolerance of parasitism in a tropical cavity-nesting bird, planalto woodcreeper, in northern Argentina. *Journal of Tropical Ecology* 26: 619–626.
21. Kirwan GM, Bodrati A, **Cockle** K (2010) The nest of the Bay-ringed Tyrannulet, a little-known Atlantic forest endemic, supports a close relationship between *Phylloscartes* and *Pogonotriccus*. *Ornitología Neotropical* 21: 397–408.
20. Vitale S, **Cockle** K, Bodrati A, Ferrari C, Roesler I, Jordan E, Ramos D (2010) Nesting and distribution of the West Peruvian Dove (*Zenaida meloda*) in Argentina. *Nuestras Aves* 55: 6–8.

19. Bodrati A, **Cockle K**, Segovia JM, Roesler I, Areta JI, Jordan E (2010) The avifauna of Parque Provincial Cruce Caballero, Province of Misiones, Argentina. *Cotinga* 32: 41–64.
18. Bodrati A, **Cockle K**, Segovia JM, Areta JI, Mérida E (2010) The Scaled Pigeon (*Patagioenas speciosa*) in Argentina. *Nuestras Aves* 55: 9–11.
17. Areta JI, Bodrati A, **Cockle K** (2009) Specialization on *Guadua* bamboo seeds by three bird species in the Atlantic Forest of Argentina. *Biotropica* 41: 66–73.
16. **Cockle KL**, Bodrati AA (2009) Nesting of the Planalto Woodcreeper. *Wilson Journal of Ornithology* 121: 789–795.
15. Bodrati A, Maders C, Di Santo G, **Cockle K**, Areta JI, Segovia JM (2009) Distribution, habitat, and natural history of the Black-capped Piprites, a critically endangered species in Argentina. *Cotinga* 31: 95–100.
14. Bodrati A, **Cockle K**, Krauczuk E (2009) The Drab-breasted Pygmy-Tyrant *Hemitriccus obsoletus* in Argentina II: new localities, phenology and habitat. *Nuestras Aves* 54: 3–5.
13. Fariña N, Welter M, **Cockle K**, Bodrati A (2009) Status of Vinaceous Parrots in Argentina: results of the 2007 parrot count in San Pedro, Misiones. *Nuestras Aves* 54: 44–46.
12. **Cockle K**, Martin K, Wiebe K (2008) Availability of cavities for nesting birds in the Atlantic forest, Argentina. *Ornitología Neotropical* 19 (Suppl.): 269–278.
11. Cornelius C, **Cockle K**, Politi N, Berkunsky I, Sandoval L, Ojeda V, Rivera L, Hunter M Jr, Martin K (2008) Cavity-nesting birds in Neotropical forests: cavities as a potentially limiting resource. *Ornitología Neotropical* 19 (Suppl.): 253–268.
10. **Cockle K**, Maders C, Di Santo G, Bodrati A (2008) The Black-capped Piprites *Piprites pileata* builds a spherical moss nest. *Cotinga* 29: 166–168.
9. Bodrati A, **Cockle K** (2008) The West Peruvian Dove (*Zenaida meloda*): a new addition to the avifauna of Argentina. *Hornero* 23: 35–36.
8. Bodrati A, Maders C, **Cockle K**, Pugnali G, Di Santo G (2008) The Amethyst Woodstar (*Calliphlox amethystina*) in Argentina. *Nuestras Aves* 53: 39–41.
7. **Cockle K**, Capuzzi G, Bodrati A, Clay R, del Castillo H, Velázquez M, Areta JI, Fariña N, Fariña R (2007) Distribution, abundance, and conservation of Vinaceous Amazons in Argentina and Paraguay. *Journal of Field Ornithology* 78: 21–39.
6. Bodrati A, **Cockle K** (2006) Habitat, distribution, and conservation of Atlantic forest birds in Argentina: notes on nine rare or threatened species. *Ornitología Neotropical* 17: 243–258.

5. Bodrati A, **Cockle K** (2006) New records of rare and threatened birds from the Atlantic forest of Misiones, Argentina. *Cotinga* 26: 20–24.
4. Bodrati A, **Cockle K**, Areta JI, Capuzzi G, Fariña R (2006) The Blue-winged Macaw in Argentina: from pest to extinction in 50 years?. *Hornero* 21: 37–43.
3. **Cockle K**, Leonard M, Bodrati A (2005) Presence and abundance of birds in an Atlantic forest reserve and adjacent plantation of shade-grown yerba mate. *Biodiversity and Conservation* 14: 3265–3288.
2. Braslavsky O, Bodrati A, **Cockle K**, Avedano Schaller M (2005) New information on the Sungebe, *Heliornis fulica*, in the province of Chaco, Argentina. *Nuestras Aves* 50: 28–30.
1. **Cockle KL**, Richardson JS (2003) Do riparian buffer strips mitigate the impacts of clearcutting on small mammals? *Biological Conservation* 113: 133–140.

Book Chapters (8)

8. Areta JI, Bodrati A, **Cockle K** (2016) A panorama of bamboo specialist birds in Argentina. Pp. 221–236 in Rúgolo de Agrasar ZE (ed.) Woody bamboos of Argentina, native and exotics. Buenos Aires: Instituto Botánica Darwinion.
7. **Cockle K**, Bodrati A, Areta JI (2008) Bamboo specialist birds of the Atlantic forest. Pp. 52–59 in Hirschfeld E (ed.) Rare Birds Yearbook 2009. UK: BirdLife International
- 1–6. Six articles in Di Giacomo AS, ed. (2005) Important Bird Areas in Argentina. Buenos Aires: Aves Argentinas / Asociación Ornitológica del Plata.

Non-refereed Publications (10)

10. **Cockle KL**, Bodrati A, Bonaparte EB, Di Sallo FG, Lammertink M (2019) Reflexiones sobre 16 años en la selva de Pino Paraná. *Aves Argentinas* 55: 34–39.
9. **Cockle KL** (2013) Review of *Video Surveillance of Nesting Birds*. Christine A. Ribic, Frank R. Thompson III, and Pamela J. Pietz, Eds. 2012. Studies in Avian Biology No. 43, University of California Press, Berkeley, CA. xv + 224 pages, black and white illustrations. ISBN: 978-0-520-27313-9. \$65.00 (Hard Cover). Also available as e-book. *Journal of Field Ornithology* 84: 322–323. Book review.
8. **Cockle KL**, Bodrati A, Robledo G (2013) Fungi and birds: closer than we thought. *Aves Argentinas* 38: 36–37
7. Vitale S, **Cockle KL** (2012) Diademed Sandpiper-Plover *Phegornis mitchellii*. *Neotropical Birding* 10: 59–62.

6. Lammertink M, **Cockle KL**, Bodrati A, Santos REF (2012) Helmeted Woodpecker (*Dryocopus galeatus*). In Schulenberg TS (ed.) *Neotropical Birds Online*. Ithaca: Cornell Lab of Ornithology. <http://neotropical.birds.cornell.edu>
5. **Cockle KL**, Bodrati A (2011) Situation of the Black-fronted Piping-Guan (*Pipile jacutinga*) in Argentina. *Bulletin of the Cracid Specialist Group* 31: 12–21.
4. **Cockle KL**, Bodrati A (2011) Vinaceous Parrot (*Amazona vinacea*). In Schulenberg TS (ed.) *Neotropical Birds Online*. Ithaca: Cornell Lab of Ornithology. <http://neotropical.birds.cornell.edu>
3. Abe LM, ..., **Cockle K**, ... (2011) *National Action Plan (Brazil) for the Conservation of Endangered Amazon Parrots – PAN Papagaios*. Brasilia: Instituto Chico Mendes de Conservação da Biodiversidade.
2. Norris A, **Cockle K** (2010) Cavity-nesting communities in the subtropical Atlantic forest of northern Argentina. *Branchlines* 21: 15–17.
1. Fariña R, **Cockle K** (2005) Gigantic guardians of the forest: Araucaria forest in Misiones. *Naturaleza & Conservación* 17: 24–27.

SUPERVISION AND ADVISORY ACTIVITIES

Undergraduate Student Supervision

Bonaparte EB, B.Sc., Supervisor, 2014, Universidad Nacional de Córdoba, Argentina
 Gómez M, Park Ranger Tech, Supervisor, 2010, Universidad Nacional de Misiones, Argentina

Graduate Student Supervision

Di Sallo F, Ph.D., Supervisor, Nest-site selection and nest survival in cavity-nesting birds of the humid Chaco, IBS-CONICET & Universidad Nacional de Tucumán, Argentina, 2016 – present (In Progress)

Bonaparte EB, Ph.D., Supervisor, Ecological and social factors influencing the conservation of cavity-nesting birds in the Atlantic forest of Argentina, IBS-CONICET & Universidad Nacional de Córdoba, Argentina, 2016 – present (In Progress)

Graduate Theses Supervised

Dantas de Oliveira C, M.Sc., Co-supervisor, Influence of forest age on availability of tree cavities for non-excavator birds in the Central Amazon, Universidade Federal do Amazonas, Brazil, 2015 (Completed)

Post-doctoral Supervision

Pietrek A, Post-doctorate / Assistant Research Scientist, Principal Supervisor, IBIGEO-CONICET & Univ. Nacional de Salta, Argentina, 2019 – present (In Progress)

Graduate Student Committees

St-Amand J, M.Sc., Committee Member, Univ. British Columbia, Canada, 2016 (Completed)

PRESENTATIONS

Invited Presentations

2021 **Cockle KL.** Nightlife in the grasslands of northern Argentina: ecology of two declining aerial insectivores. Invited Keynote Presentation, XXVII Brazilian Ornithological Conference, Gramado, Brazil.

2019 **Cockle KL.** En el corazón de los árboles: secretos y misterios de las aves que crían en cavidades. Invited Keynote Presentation, Reunión Argentina de Ornitología, Tandil, Argentina.

Cockle KL. Woodpeckers, decay, and the functioning of nest web communities. Invited Keynote Presentation, 8th International Woodpecker Conference, Białowiecza, Poland.

Norris AR, **Cockle KL**, Wiebe KL, Trzcinski MK, Edworthy AB, Martin K. Long-term dynamics of tree-cavity-nesting communities in temperate and subtropical forests. Invited Symposium Presentation, American Ornithological Society Meeting, Anchorage, Alaska.

Cockle KL. Invited Presentation at Universidad Nacional de Misiones, Faculty of Forestry, Eldorado, Misiones, Argentina.

2018 **Cockle KL**, Norris AR, Ibarra JT, Trzcinski MK, Wiebe KL, Altamirano TA, Edworthy A, Martin K. Complex dynamics of tree cavities and nest webs in the Americas. Invited Symposium Presentation, International Ornithological Congress, Vancouver, Canada.

2016 **Cockle KL.** Invited Presentation at University of British Columbia, Faculty of Forestry, Vancouver, Canada.

2015 **Cockle KL.** From primary forest to farmland: ecology and conservation of cavity-nesting birds. Young Investigator Keynote Talk (Frontiers in Neotropical Ornithology Series), X Neotropical Ornithological Congress, Manaus, Brazil.

2013 **Cockle KL.** Ecology and conservation of cavity-nesting birds. Invited Keynote Presentation, XX Brazilian Ornithological Congress, Passo Fundo, Brazil.

- Cockle** KL. Invited Presentation at Instituto de Ecología Regional, CONICET, San Miguel de Tucumán, Argentina.
- 2012 **Cockle** KL. Invited Presentation at Louisiana State University, Museum of Natural Science, Baton Rouge, USA.
- Cockle** KL. Invited Presentation at CCT-Mendoza, CONICET, Mendoza, Argentina.
- 2011 **Cockle** KL. Invited Presentation at Instituto de Biología Subtropical, Puerto Iguazú, Argentina.
- 2010 **Cockle** K, Martin K. Nest site limitation and the community structure of cavity-nesters across an anthropogenic gradient in the Atlantic forest. Invited Symposium Presentation, XXV International Ornithological Congress, Campos do Jordão, Brazil.
- Cockle** K, Martin K. Highgrade logging and nest-site limitation in cavity-nesting birds of a threatened subtropical moist forest. Invited Symposium Presentation, COS/AOU/SCO Meeting, San Diego, USA.
- Areta JI, **Cockle** K. Bamboo seed specialists of the Atlantic forest. Invited Symposium Presentation, XXV International Ornithological Congress, Campos do Jordão, Brazil.
- 2007 **Cockle** K, Martin K, Wiebe K. Availability of cavities for nesting birds in the Atlantic forest, Argentina. Invited Symposium Presentation, VII Neotropical Ornithological Congress, Maturín, Venezuela.

Contributed Presentations (last 5 years)

- 2019 Di Sallo F, **Cockle** K, Bonaparte B, Martin K. Reinterpretación de un patrón general de las aves que nidifican en cavidades de árboles: tamaño de entrada, masa corporal y comportamientos de forrajeo. Reunión Argentina de Ornitología, Tandil, Argentina.
- Fariña N, Villalba O, Bodrati A, **Cockle** K, Pagano L. Vida nocturna en los pastizales correntinos. Reunión Argentina de Ornitología, Tandil, Argentina.
- Martin K, Trzcinski MK, Edworthy AB, **Cockle** KL, Wiebe KL. Woodpecker legacies: cavity production, and the effects on cavity occupancy, and abundance and diversity of the secondary cavity nesting community. 8th International Woodpecker Conference, Białowieża, Poland.
- 2018 Trzcinski MK, **Cockle** KL, Edworthy AB, Wiebe KL, Martin K. Lifetime use of individual tree cavities in temperate and subtropical forest ecosystems in the Americas. Meeting of the American Ornithological Society, Tucson, Arizona, USA.
- 2017 Edworthy A, Trzcinski K, **Cockle** K, Wiebe K, Martin K. Occupancy of tree cavities as they age: selection for young, mid-aged and older nesting cavities by cavity-nesting

vertebrates. Joint meeting of the American Ornithological Society and Society of Canadian Ornithologists, Lansing, Michigan, USA.

Ojeda V, ..., **Cockle K**, Cardinal orientation of cavities excavated by birds in the Neotropics: relationship with macro-environmental attributes. Ornithological Congress of the Americas, Puerto Iguazú, Argentina.

Berkunsky I, ..., **Cockle KL**, Current threats faced by Neotropical parrot populations. Ornithological Congress of the Americas, Puerto Iguazú, Argentina.

- 2016 Bonaparte EB, **Cockle KL**. Educación para la conservación en la selva de pino Paraná (San Pedro, Misiones, Argentina); nueve años de trabajo (2007-2015). VI Reunión Binacional de Ecología, Puerto Iguazú, Argentina.

Cockle KL, Ibarra JT, Altamirano T. Ecología de vertebrados que anidan en cavidades de árboles en bosques de pino Paraná (*Araucaria angustifolia*) y pehuén (*Araucaria araucana*): uso de árboles-nido y redes interespecíficas (Oral). VI Reunión Binacional de Ecología, Puerto Iguazú, Argentina.

Poster Presentations (last 5 years)

- 2019 Lammertink M, Fernández JM, Cockle KL. Comparison of nesting ecology of three co-existing Atlantic Forest woodpeckers reveals narrow specialization in the Helmeted Woodpecker (*Celeus galeatus*) (Poster). 8th International Woodpecker Conference, Białowieża, Poland.
- 2017 Di Sallo FG, **Cockle KL**. Nest-site selection of secondary cavity nesters in Quebracho Colorado forest of the Humid Chaco: a preview (Poster). Ornithological Congress of the Americas, Puerto Iguazú, Argentina.
- 2017 Ibarra JT, Altamirano TA, **Cockle KL**, van der Hoek Y, Simard S, Bonacic C, Martin K. Changing lenses to understand and manage forest biodiversity: nest webs as Complex Adaptive Systems in the Americas (Poster). 28th International Congress for Conservation Biology, Cartagena, Colombia.
- 2015 Oliveira C, Cornelius C, **Cockle K**. Effect of forest age on the availability of cavities for non-excavator birds in Central Amazonia (Poster). X Neotropical Ornithological Congress, Manaus, Brazil.

SYMPOSIA AND WORKSHOPS ORGANIZED

- 2018 Birds in the web of life: ecology and conservation of nest webs worldwide. International Ornithological Congress, Vancouver, Canada.

- 2015 Habitat change and Neotropical birds: beyond patterns. X Neotropical Ornithological Congress, Manaus, Brazil.
- 2013 How to write and review scientific papers. XX Brazilian Ornithological Congress, Passo Fundo, Brazil.
- 2010 Ecology and conservation of bamboo specialist birds. XXV International Ornithological Congress, Campos do Jordão, Brazil.
- 2010 Priorities for research and conservation of Atlantic forest birds. XXV International Ornithological Congress, Campos do Jordão, Brazil.
- 2010 Natural disturbance and cavity-nesting birds. COS/AOU/SCO Meeting, San Diego, USA.
- 2010 Collaborating with non-academic institutions. COS/AOU/SCO Meeting, San Diego, USA.
- 2007 Nest-site limitation in cavity-nesting birds of the Neotropics. VIII Neotropical Ornithological Congress, Maturín, Venezuela.

FUNDING (as PI, since 2010, \$US)

2020	Canada Nature Fund (Environment & Climate Change Canada)	\$12,680
2020	International Conservation Fund of Canada	\$9,853
2019	Wilson Ornithological Society Hall/Mayfield Award	\$1,000
2012 – 2019	International Conservation Fund of Canada	\$41,551
2019	Ulysses S. Seal Grant, Minnesota Zoo Foundation	\$5,000
2019	Eastern Bird Banding Association Memorial Grant	\$1,000
2019	Idea Wild Equipment Grant	\$580
2011 – 2019	Columbus Zoo & Aquarium Conservation Fund	\$50,390
2018 – 2019	Fresno Chaffee Zoo Wildlife Conservation Fund	\$4,458
2018 – 2019	Riverbanks Conservation Support Fund	\$4,461
2017 – 2020	PICT – Agencia Nacional de Promoción Científica y Tecnológica	\$19,500
2018 – 2019	Neotropical Bird Club & Juan Mazar Barnett Conservation Award	\$5,000
2015	Rufford Grant for Nature Conservation	\$12,537
2015	Idea Wild Equipment Grant	\$840
2013 – 2014	Conservation, Research and Education Opportunities International	\$7,840
2012 – 2013	Ornithological Council	\$4,000
2011 – 2014	NSERC Post-doctoral Fellowship (+ maternity leave)	\$80,000+
2011 – 2012	CONICET Post-doctoral Fellowship	\$33,000
2011	Global ReLeaf Grant	\$1,000

PRACTICE OF PROFESSIONAL SKILLS

Editorship

- 2016 – Associate Editor, *Ornitologia Neotropical*
 2012 – 2020 Associate Editor, *The Condor: Ornithological Applications*
 2013 Co-editor, “Bamboo-specialist birds”, special section of *The Condor*
 2012 Co-editor, “Ecology and conservation of parrots”, special issue of *El Hornero*

Conservation and policy contributions

- 2003 –current Project Leader, Proyecto Selva de Pino Paraná (www.pinoparana.org)
 2017 – 2018 CONADIBIO Indicator Species advisor (Argentine National Government)
 2010 – 2012 Brazilian National Action Plan for Endangered Parrots, contributor
 2005 – 2018 IUCN red-list of threatened birds, contributor
 2008 Argentine red-list of threatened birds, contributor

Committees

- 2019 – 2020 CONICET PhD and Postdoc Scholarships Selection Committee
 2012 – 2020 IUCN Species Survival Commission Bird Red List Authority
 2015 Scientific Committee, X Neotropical Ornithological Conference
 2012 Media Committee, V North American Ornithological Conference

Review for Awards, Promotions, and Grants

CONICET promotions 2018–2019, Conservar La Argentina Grants, Earthwatch, Lindbergh Grants, National Science Foundation (NSF), Neotropical Bird Club Conservation Awards, North American Ornithological Conference VI Latin American Travel Awards, TD Friends of the Environment Foundation, Vuilleumier Fund for Research on Neotropical Birds, X Neotropical Ornithological Congress Student Travel Awards and Student Presentation Awards

Manuscript Reviews

- | | |
|---|--|
| Acta Oecologica | Check List |
| Acta Zoologica Lilloana | Condor: Ornithological Applications |
| Animal Conservation | Conservation Biology |
| Austral Ecology | Cotinga |
| Avian Conservation and Ecology | Ecological Applications |
| Basic and Applied Ecology | Ecological Monographs |
| Biodiversity and Conservation | El Hornero |
| Biological Conservation | Emu |
| Biological Invasions | Forest Ecology and Management |
| Biotropica | Frontiers in Ecology and Evolution |
| Bird Conservation International | Functional Ecology |
| Bol. de la Soc. Antioqueña de Ornitología | Ibis |
| Brazilian Journal of Ornithology | iForest – Biogeosciences and Forestry |
| Canadian Field Naturalist | International Journal of Wildland Fire |

Journal of Animal Ecology
 Journal of Field Ornithology
 Journal of Ornithology
 Nuestras Aves
 Ornitología Neotropical

Proceedings of the Royal Society B
 Tropical Conservation Science
 Waterbirds
 Western North American Naturalist
 Wilson Journal of Ornithology

External Examinations

Pacífico E, Ph.D., Universidad Pablo de Olavide, Spain, 2020
 Zalazar S, Ph.D., Universidad Nacional del Nordeste, Argentina, 2019
 Zulian V, M.Sc., Universidade Federal do Rio Grande do Sul, Brazil, 2016
 External review of thesis proposals: Universidad Nacional del Nordeste, Universidad de Brasilia,
 Universidades del NOA

CURRENT PROFESSIONAL MEMBERSHIPS

American Ornithological Society (elective member 2014 – current)
 Association of Field Ornithologists
 Society of Canadian Ornithologists
 Neotropical Ornithological Society
 Wilson Ornithological Society
 Centro de Investigaciones del Bosque Atlántico

LANGUAGES

English: native
 Spanish: fluent
 Portuguese: working-level

REFERENCES

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