

**ANDREW L. MACK, Ph.D.**

Cassowary Conservation & Publishing, LLC  
340 Love Hollow Road  
New Florence, PA 15944

[andrew@cassowaryconservation.com](mailto:andrew@cassowaryconservation.com)

phone (office) 724-238-2324 (cell) 724 989 4396

**EDUCATION**

Ph.D. 1995. University of Miami, Department of Biology.

Dissertation: "Seed dispersal by the Dwarf Cassowary, *Casuarius bennetti*, in Papua New Guinea. Advisor: T. H. Fleming

B.A. (Biology major) 1985. University of Delaware.

**POSITIONS HELD**

*Executive Director*, Indo-Pacific Conservation Alliance. January 2013 to November 2015.

I was responsible for administration, fundraising and execution of all IPCA projects. IPCA works primarily in Indonesia and Papua New Guinea and has a variety of projects run by local partners. IPCA provided managerial and fund raising assistance, course instructors, and scientific expertise to its partners.

*Owner*, Cassowary Conservation and Publishing, LLC. January 2014 to present. CC&P is a small business that publishes conservation related books and acts as an umbrella for conservation consultancies, public speaking and teaching.

*William and Ingrid Rea Conservation Biologist*. An endowed position at the Carnegie Museum of Natural History. June 2007 to May 2011.

As the Senior Scientist, I oversaw research at the Powdermill field station, with an emphasis on applied conservation biology. The fulltime staff consisted of 2 Ph.D. ecologists, 3 M.Sc. researchers, 1 M.Sc. GIS lab manager, support staff and varying numbers of seasonal interns and technicians (up to 15 at a time). I raised funds to sustain operating and research costs, directed research on the 2200 acre reserve and managed day to day administrative functions. I oversaw environmental management of the property. I developed a long-range plan for research programs and land management at the station. I acted as liaison with regional conservation partners and landowners.

*Conservation Zoologist* (comparable to Associate Professor), Wildlife Conservation Society. 1999-2007.

I began the formal WCS PNG country program in 1999 (with co-Director Dr. D. Wright) and built it into a \$600,000/year training and research program. I taught at the undergraduate and postgraduate level. I directed a large portfolio of training, research programs and managed two field research stations. In Goroka we established a training center that mentored postgraduate students with usually 6-12 students in residence at any

one time on a campus of four buildings with two additional buildings off campus to house students. The main objective of the program was to build a highly-competent and motivated team of national conservationists. This objective was met and became the current PNG Institute of Biological Research. I currently am Board Chair of the Institute with most administration and management performed by in-country national staff.

*Senior Ecologist*, Conservation International, Washington, D.C. 1995-1999.

In this position I provided scientific leadership to programs in Indonesia and Papua New Guinea. I was the scientific leader of the Asia-Pacific's Rapid Assessment Program (RAP). I organized and led three major RAP biological field surveys using teams of international experts from several countries. I taught courses in both Indonesia and Papua New Guinea for conservation professionals and students.

*Manager and Founder*, Crater Mountain Biological Research Station, PNG. 1989-1993.

I raised the funds and built a research station in PNG where I conducted my research. I managed the local staff, oversaw research visitors to the station and supervised all aspects of the station. The station became part of the core around which a 2700 km<sup>2</sup> protected area was designated by the PNG Parliament. Over 100 publications have been produced from the station since its founding.

*Collection Manager*, Department of Ornithology, Academy of Natural Sciences of Philadelphia. 1979-1982.

I oversaw a full inventory of the bird collection (165,000 skins) and created one of the first computerized collection databases of any major collection. I oversaw the packing and movement of the entire collection to a new building and then to new cabinets. I completely re-organized the collection to current systematic standards and supervised a team of curatorial assistants for these labor-intensive undertakings. I performed all usual collection management activities such as preparing loans, overseeing research visitors, assisting the curators, and interfacing with the general public. Later (1995) I produced a major proposal for the Academy of Natural Sciences that funded a major program in Guyana, hired a project supervisor, then turned it over to them to execute.

#### **OTHER POSITIONS HELD**

*Research Assistant*, Ornithological collection curation, University of Miami. 1995.

*Teaching Assistant*, Department of Biology, University of Miami. 1993-1994.

*Field Assistant*, University of Delaware, Wood Thrush studies. 1983-1985.

*Field Collector*, Western Foundation of Vertebrate Zoology. 1982-1983.

#### **TEACHING**

Adjunct Faculty, Department of Biology, Indiana University of Pennsylvania. 2012-2013. This course was for first semester students, mostly from inner city Pittsburgh, needing foundational training prior to enrolling in core biology classes.

Field Course Instructor 2011, Miami University, Earth Expeditions, Sabah, Malaysia.  
This course was for teachers and instructors, building their skills to use inquiry-based learning in their classes.

Adjunct Faculty, Chatham University, 2009, 2012. Graduate level courses in conservation biology and field ecology. The field ecology course concentrated on hypothesis testing with field-gathered data.

Lead Instructor 1996-2007, 2011, 2012, 2015. Undergraduate Field Biology, University of PNG; these are intensive month-long field course for 24-28 undergraduates. These courses cover survey techniques, experimental design, sampling, writing for publication, and data analysis. There is a strong emphasis on quantitative analyses and statistics. The course has been taught in several locations, including some that were quite remote to give the experience of remote wilderness field work.

Mentor and postgraduate advisor, 1999-present. The program we built sponsors and mentors honours students in the PNG educational system, a fifth year degree preparatory to the Master's Degree. I have mentored 27 such students. We used this as a preparatory phase for enrollment at overseas postgraduate programs. To date we have secured scholarships for 15 of these students to enroll in Master's and four in Ph.D degree programs at top universities in Australia, New Zealand, England and the United States.

#### **OTHER ACTIVITIES AND SERVICES**

Reviewer, Fulbright Specialists Program, 2013-present.

Reviewer, Conservation Leadership Program, 2013-present.

Fellow, International League of Conservation Writers, 2014-present.

Member Explorer's Club, 2013-present.

Founding Board Member, Green Capacity, 2010-present.

Elective Fellow, American Ornithologist's Union, 2009-present.

Founding Board Member, Natural Biodiversity, 2009-present.

Scientific Advisory Committee, Bird-Safe Glass Foundation, 2009-present.

Founding Board Member, PNG Institute of Biological Research, 2008-present.

Trustee, Gahavisuka Provincial Park, 2004-2007.

Associate Editor, Pacific Conservation Biology, 2004-present.

Board of Trustees, Research and Conservation Foundation of PNG, 2002-2007.

Board of Governors, Society of Conservation Biology Australasian Section. 2002-2008.

Research Associate, University of Kansas Museum of Natural History, 2000-present.

Research Associate, Academy of Natural Sciences, Philadelphia, 1996-2004.

Research Associate University of Papua New Guinea. 1987-present.

Steering Committee, UPNG Conservation Capacity-building Program.

Scientific Advisory Board, Research and Conservation Foundation of PNG.

Survey biologist, Iwokrama Rainforest Project, Guyana 1997.

Survey biologist, Rio Tuichi/Madidi National Park, Bolivia 1997.

Survey biologist, Crater Mountain, Papua New Guinea 1996-1999 (six camps).

Editor, Conservation Priority-Setting Conference for Irian Jaya 1997.

President, University of Miami, Biology Graduate Student's Association 1994-95.  
Survey biologist, Hunstein Mountains Expedition, Papua New Guinea 1989.  
Early survey and research (pre-1989) in Ecuador, Peru, Mexico, Costa Rica, Sabah.

## GRANTS

2014: Strengthening scientific capacity in PNG through the Institute of Biological Research. Australia and Pacific Science Foundation (\$45,000)  
2014, 2015: Scientific training in Papua New Guinea. NewEngland BioLabs Foundation (\$6000)  
2013: Modern technology to aid wildlife management by indigenous hunters in Papua New Guinea. Eppley Foundatin (\$22,000)  
2011: Ornithological surveys of the North Solomons, Bismarck and Admiralty Archipelagos. University of Kansas (\$45,000)  
2009: Testing window products to reduce fatal bird window strikes. Association of Zoos and Aquaria (\$24,000)  
2009: Testing window products to reduces bird-window collisions. Colcom Foundation (\$33,000)  
2007, 2008, 2009, 2010: Support for various upgrades at the bird banding laboratory. Laurel Foundation (\$40,000 @ year)  
2008: Study of migrating Golden Eagles in Appalachia. Marshall Reynolds Foundation (\$12,500)  
2008: Vegetation mapping and forest ecology. O'Neill Fund (\$9,700)  
2007, 2008, 2009, 2010: Avian research at Powdermill. Colcom Foundation (\$105,000 @ year)  
2006: Wildlife consumption by the Sokamin People, PNG. New England Biolabs Foundation (\$10,000)  
2006: Training Conservation Biologists in PNG. The Christensen Fund (\$253,000)<sup>1</sup>  
2005: Conservation Education and Curriculum Development, Phase 2. AusAID (\$1,300,000)<sup>1,2</sup>  
2005: Wildlife and Eco-forestry in Papua New Guinea. European Union (\$240,000)<sup>1</sup>  
2005: Training Conservation Biologists in PNG. Individual Donor (\$90,000)  
2005: Conservation in the Crater Mountain Wildlife Management Area Inter-Church Cooperative Organization (\$350,000)<sup>1,2</sup>  
2005: Research and Training for the next generation of conservation biologists in PNG. Darwin Initiative(\$362,200)<sup>1,3</sup>  
2004: Mentoring PNG biologists and threatened species research. Conservation International (\$195,000)<sup>1</sup>  
2004: Manus Conservation Initiative. Conservation International. (\$15,000)  
2004: Capacity-building for RCF field staff and Crater community leaders. Wilson Foundation. (\$13,090)<sup>1</sup>  
2003: Biological surveys of a PNG montane forest. New England BioLabs Foundation. (\$10,000)  
2003: Training the next generation of conservation biologists in PNG. The MacArthur Foundation (\$450,000)<sup>1</sup>

2003: Analysis of hunting offtake in the Crater Mountain Wildlife Management Area. CERC (Columbia University) (\$20,000)<sup>4</sup>

2002: Biologist training and science capacity building in PNG. The Christensen Fund. (\$328,250)<sup>1</sup>

2002: Annual Cycle of a PNG montane forest. New England BioLabs Foundation. (\$12,000)

2001: Conservation Education and Curriculum Development PNG. AusAID (\$1,000,000)<sup>1</sup>

2001: Infrastructure Improvement for the Crater Mountain Biological Research Station. National Science Foundation (\$130,000)

2001: Phylogeography of New Guinea lowland birds. National Science Foundation. (\$377,980)<sup>5</sup>

2001: Management of the Crater Mountain Wildlife Management Area. ICCO (\$280,000)<sup>1,2</sup>

2000: The Mekil Conservation Initiative. New England BioLabs Foundation (\$15,000)

2000: Population studies of the Dwarf Cassowary. Disney Corp. (\$40,000)

2000: Development and field application of new techniques to assess populations of cassowaries. Eppley Foundation (\$20,000)

2000: Scientific Capacity Building in PNG. The MacArthur Foundation (\$306,380)<sup>1</sup>

1999: Collections study grant. American Museum of Natural History (\$1000)

1999: Biological Training in Papua New Guinea. The Christensen Fund (\$225,000)<sup>1</sup>

1998: USAID BiRD Co-operative Agreement, Conservation International (\$500,000)<sup>6</sup>

1998: Biological training and building conservation capacity in Irian Jaya. MacArthur Foundation (\$75,000)<sup>6</sup>

1996: Biodiversity surveys and field training in the Crater Mountain Wildlife Management Area, PNG. Wildlife Conservation Society (\$75,000)<sup>1</sup>

1995: Zoological surveys in the Iwokrama rainforest, Guyana. (UNDP) (\$250,000)

1995: Integrated conservation and development program for the Crater Mountain Wildlife Management Area, PNG. Biodiversity Conservation Network-USAID (\$650,000)<sup>1,2</sup>

1992: Research of cassowary ecology and conservation part 2. Wildlife Conservation Society (\$30,000)<sup>1</sup>

1990: Cassowary conservation. World Nature Association (\$2000)

1989: Research of cassowary ecology and conservation. Wildlife Conservation Society. (\$40,000)<sup>1</sup>

1989: Seed dispersal by Dwarf Cassowaries. Doctoral dissertation improvement grant, National Science Foundation (\$15,000)

1988: Seed dispersal by Dwarf Cassowaries. The Douroucouli Foundation. (\$7000)

1988: Seed dispersal in New Guinea. Curtis Fund and Sigma Xi (\$1000)

1987: Pilot study of cassowaries. Wildlife Conservation Society (\$6000)

<sup>1</sup> Co-authored with Dr. D.D. Wright

<sup>2</sup> In collaboration with the Research and Conservation Foundation of Papua New Guinea.

<sup>3</sup> Co-authored with Dr. V. Novotny, Dr. A. Stewart, Dr. A. Vogler.

<sup>4</sup> Co-authored with Dr. P. West

<sup>5</sup> Co-authored with Dr. J. Dumbacher and Dr. R. Fleischer

<sup>6</sup> Co-authored with various staff at Conservation International

### **RECENT CONTRACTS**

2013. Biodiversity assessment of the P'nyang Area with Conservation International.

2014. REDD+ Biodiversity Assessment of the Central Suau Region, Milne Bay Province, Papua New Guinea.

2015. Improving Participation and Gender Representation in PNG's National REDD+ Strategy and National REDD+ Policy.

### **OTHER AWARDS**

2015 Notable 100— my book listed as top 100 Indie books for 2015 by Shelf Unbound  
2005 Visiting Fellow, Australian National University, Resource Management in Asia Pacific.

1995 "Who's Who Among Students in American Universities and Colleges."

1995 Award for Academic Excellence, University of Miami, Graduate School.

1994 Marcia Brady Tucker Award (AOU); Outstanding Student Paper Award (joint AOU/COS/WOS meeting).

1990 Fulbright Scholarship \$27,000

1989 Maytag Fellowship \$13,000

1988 Maytag Fellowship \$13,000

1987 Maytag Fellowship \$13,000

### **SHORT PRESENTATIONS AND SYMPOSIA**

Bell Museum of Natural History (5/15)

American Ornithological Society (9/14)

Wilson Ornithological Society (5/14)

Laurel Highlands Conservation Initiative (4/11)

La Roche College (4/11)

Wilson Ornithological Society (4/08, 3/09)

Bay Area Conservation Biology Symposium (2/06)

Society for Study of Evolution (6/05; 6/10)

Society for Conservation Biology (6/03; 9/04)

American Ornithologists Union (8/94, 8/99, 8/03, 8/09)

PNG Department of Environment and Conservation (12/02; 7/04, 2/05)

Ecological Society of Australia (12/02)

Association of Zoos and Aquaria (9/02)

Association for Tropical Biology (7/02, 6/94)

Biological Society of New Guinea (9/96)

Ecological Society of America (8/94)

South Florida Plant Biologists (5/94)

Florida Ecology and Evolution Society (4/93)

Papua New Guinea Botanical Society (11/92)

## **INVITED SEMINARS**

St. Francis University (12/15)  
University of Minneapolis (5/15)  
Godwit Days Festival, Keynote Speaker (4/15)  
Cornell Laboratory of Ornithology (3/15)  
Southeastern Louisiana State University (1/15)  
Tulane University (1/15)  
Louisiana State University (1/15)  
Memphis State University (10/14)  
University of Utah (10/14)  
Utah State University (10/14)  
Toledo Zoo (3/14)  
Cleveland Museum of Natural History (3/14)  
Institute of National Affairs, Port Moresby (1/12)  
St. Vincent University (2/08, 1/10, 10/12)  
Miami University of Ohio (3/11)  
Keynote Speaker, Cassowary Conservation Summit, Australia (9/09)  
Ohio State University (10/08)  
Carnegie Museum of Natural History (1/07, 11/10)  
Pixar Studios, San Francisco (6/06)  
Prince William Sound Science Center, Cordova (5/06)  
Australian National University, Canberra (4/04)  
Telluride MountainFilm Festival, Telluride (6/04)  
New Guinea Biological Conference Keynote address, Goroka (9/03)  
Botanical Research Institute of Texas, Fort Worth (9/02)  
New York Zoological Society, Bronx (4/99)  
Indonesian Department of Forestry, Jakarta (10/97)  
U. S. Embassy, Port Moresby (9/96)  
Academy of Natural Sciences, Philadelphia (8/96)  
University of Papua New Guinea, Port Moresby (3/96)  
University of Cenderawasih, Jayapura (2/96)  
University of Pennsylvania, Philadelphia (10/95)  
University of Kansas Natural History Museum, Lawrence (5/95)  
University of Massachusetts, Amherst (5/95)  
Bowling Green State University, Bowling Green (2/95)  
Field Museum of Natural History, Chicago (1/95)

## **COURSES TAUGHT**

Biological Surveys and Inventories; Conservation Biology; Data Analysis and Statistics;  
Field Ecology; GRE Preparation; Introductory Biology for majors 101 and 102 (Lab

only); Introductory Ecology for non-majors (Life on Earth); Ornithology; Techniques in Field Ecology; Writing for Scientific Publication.

### **SPECIALIZED SKILLS**

Languages: Spanish, Tok Pisin. Expedition organizer and leader. Licensed bird bander (Australia).

### **PUBLICATIONS**

Mack, A.L. 2014. Searching for Pekpek: Cassowaries and Conservation in the New Guinea Rainforest. Cassowary Conservation and Publishing. 235 pp.

Warakai, D., D.S. Okena, P. Igag, M. Opiang and A.L. Mack. 2013. Tree cavity-using wildlife and the potential of artificial nest boxes for wildlife management in New Guinea. *Tropical Conservation Science* 6: 47-58.

Kale, E., N. Whitmore, A. L. Mack and D.D. Wright. 2012. Survival rates of *Rattus verecundus* and *Paramelomys platyops* in a murid rich tropical rainforest of Papua New Guinea. *Pacific Conservation Biology* 18: 26-32.

Laurance, W. et. al., (including A.L. Mack). 2012. Averting biodiversity collapse in tropical forest protected areas. *Nature* 489: 290- 294.

Arihafa, A. and A. L. Mack. 2012. Treefall gap dynamics in a tropical rainforest in Papua New Guinea. *Pacific Science* 67: 47-58.

Mack, A. L., D. D. Wright, and P. Osborne. 2011. Papua New Guinea Institute of Biological Research (PNGIBR) ([www.pngibr.org](http://www.pngibr.org)): National Scientists Building Capacity to Meet the Nation's Ecological Research Needs. *Bulletin of the Ecological Society of America* 92:392–395.

Deiner, K., A.R. Lemmon, A.L. Mack, R.C. Fleischer, and J.P. Dumbacher. 2011. A passerine bird's evolution reveals the geologic history of New Guinea. *PLoS One* 6(5): e19479. doi: 10.1371/journal.pone.0019479.

Mack, A.L. 2011. Review of Fourth International Partners in Flight Symposium. *Condor*.

Richards, S. J. and A.L. Mack. 2011. Regional Profile: New Guinea. The best (and most difficult) place for RAP Expeditions 1996-2010. Pgs 285-291 *In: Alonso, L.E., J.L. Deichmann, S. A. McKenna, P. Naskrecki and S.J. Richards (eds.), Still Counting... Biodiversity Exploration for Conservation-- the first 20 years of the Rapid Assessment Program.* Conservation International, Arlington, VA. 316 pp.



Sagata, K., A.L. Mack, D.D. Wright and P.J. Lester. 2010. The influence of nest availability on the abundance and diversity of twig-dwelling ants in Papua New Guinea. *Insects Sociaux* 57: 333-341.

Oppel, S., and A.L. Mack. 2010. Bird assemblage and visitation pattern at fruiting *Elmerrillia tsiampaca* (Magnoliaceae) trees in Papua New Guinea. *Biotropica* 42: 229-235.

Mack, A.L. 2009. Predicting the effects of climate change on Melanesian bird populations: the constraints of too many variables and too few data. *In: Leisz, S.J. & Burnett, J.B. (eds.), Climate Change and Biodiversity in Melanesia. Bishop Museum Technical Report* 42(9), 15 pp.

Heinsohn, R., T. Zeriga, P. Igag and A. Mack. 2009. Do Palm Cockatoos (*Probosciger aterrimus*) have long enough life spans to support their low reproductive success? *Emu* 109: 183-191

Jones, E. R., A. L. Mack, D. D. Wright and L. Curran. 2008. Differential effects of mammalian seed predation on recruitment in five Papua New Guinean tree species. *Journal of Tropical Ecology* 24: 259-267.

Richards, S.J., A.L. Mack, and C. Austin. 2007. Two new species of *Platymantis* (Anura: Ranidae) from the Admiralty Archipelago, Papua New Guinea. *Zootaxa* 1639: 41-55.

Mack, A. L. and J. Dumbacher. 2007. The Birds of Papua. Pgs 654-688 *In: Marshall, A.J. and B. M. Beehler (eds.). The Ecology of Papua. The Ecology of Indonesia Series Volume 6, Part 1. Periplus.*

Symes, C.T., J. C. Hughes, A.L. Mack and S. Marsden. 2006. Avian geophagy in the Crater Mountain Wildlife Management Area, Papua New Guinea. *Journal of Zoology* 268:87-96.

Marsden, S.J., C.T. Symes and A. L. Mack. 2006. Response of a New Guinean avifauna to conversion of forest to small-scale agriculture. *Ibis* 148: 629-640.

Mack, A. L. and P. West. 2005. Ten thousand tonnes of small animals: wildlife use in Papua New Guinea, a vital resource in need of management. *Resource Management in Asia-Pacific Working Paper* No. 61.

Mack, A.L. and S. Oppel. 2005. Nidification of the Dwarf Whistler, *Pachycare flavogriseum*, a little-known New Guinea endemic. *Bulletin of the British Ornithologists Club* 126: 61-65.

Mack, A. L. and L. E. Alonso. (eds). A biological assessment of the Wide Bay conservation area, East New Britain, Papua New Guinea. in press. RAP Bulletin of Biological Assessment.

Mack, A. L. and D. Wright. 2005. The frugivore community and the fruiting plant flora in a New Guinea rainforest: identifying keystone frugivores. Pages 184-203 In: J. Lawrence Dew and Jean Philippe Boubli (eds.), Tropical Fruits and Frugivores: The Search for Strong Interactors. Springer. The Netherlands.

Legge, S., S. Murphy, P. Igag, and A. L. Mack. 2004. Territoriality and density of an Australian migrant, the Buff-Breasted Paradise Kingfisher, in the New Guinean non-breeding grounds. *Emu* 104: 15-20.

Mack, A. L. and J. Jones. 2003. Infrasound communication by cassowaries. *Auk* 120: 1062-1068.

Mack, A. L. and E. Scholes. 2003. Nesting activity of the Wallace's Fairy Wren *Sipodotus wallacii*. *Bulletin of the British Ornithologists Club* 123: 177-181.

Mack, A. L. and G. Druliner. 2003. A non-intrusive method for measuring movements and seed dispersal in cassowaries. *Journal of Field Ornithology* 74: 193-196.

Mack, A. L. and L. E. Alonso. (eds) 2000. A biological assessment of the Wapoga River area of northwestern Irian Jaya, Indonesia. RAP Bulletin of Biological Assessment 14.

Mack, A. L. and D. D. Wright. 2000. Notes on the Crested *Cnemophilus macgregorii* and Yellow-breasted *Loboparadisaea sericea* Birds of Paradise. *Bulletin of the British Ornithologists' Club* 120: 186-189.

Mack, A.L. 2000. Did fleshy fruit pulp evolve as a defence against seed loss rather than as a dispersal mechanism? *Journal of Biosciences* 25: 93-97.

Supriatna, J., A. L. Mack, C. Yeager, S. Olivieri, T. Tarar, and B. Burnett (eds.). 1999. The Irian Jaya conservation priority-setting workshop: final report. Conservation International, Washington, D.C.

Mack, A. L. 1999. The Vulturine Parrot (*Psittrichas fulgidus*) of New Guinea, a species in need of study. *Psittascene*.

B. M. Beehler and A. L. Mack. 1998. Constraints to characterising spatial heterogeneity in a lowland forest avifauna in New Guinea. Pps. 2569-2579 In: Adams, N. J. and R. H. Slotow (eds). Proceedings of the XXII International Ornithological Congress. (Durban, South Africa).

- Mack, A. L., K. Ickes, J. H. Jessen, B. Kennedy, and J. R. Sinclair. 1999. Seedling ecology of Aglaia mackiana (Meliaceae), a cassowary-dispersed rainforest tree, in Papua New Guinea. *Biotropica* 31: 111-120.
- Mack, A. L. 1998. An advantage of large seed size: tolerating rather than succumbing to seed predators. *Biotropica* 30: 604-608.
- Mack, A. L. 1998. The potential impact of small-scale physical disturbance on seedlings in a Papuan rainforest. *Biotropica* 30: 547-552.
- Mack, A. L., R. Yamuna, T. Domambe, and J. Pano. 1998. Effects of drought on birds at Maimafu, Eastern Highlands Province. *Science in New Guinea* 23: 125-131.
- Mack, A. L. (editor and author) 1998. Rapid Assessment Survey of the Lakekamu Basin, Papua New Guinea. RAP Working Paper No. 9. Conservation International, Washington, D.C. 187 pp.
- Mack, A. L. and D. D. Wright. 1998. Status and conservation of the threatened Vulturine Parrot, Psittrichas fulgidus. *Bird Conservation International* 8: 185-194.
- Mack, A. L. 1997. Population control or biodiversity conservation: must we choose? (letter) *Bulletin of the Ecological Society of America* 78: 594-595.
- Mack, A. L. 1997. Spatial distribution, fruit production and seed removal of a rare, dioecious, rainforest tree in a Papuan rainforest. *Journal of Tropical Ecology* 13: 305-316.
- Mack, A. L. (editor) 1997. Coursebook for field training in experimental design, data analysis and grantsmanship. (in-house publication, Conservation International)
- Mack, A. L. (editor) 1996. Training manual for field survey techniques in Papua New Guinea. (in-house publication, Conservation International).
- Mack, A. L. and Wright, D. D. 1996. Notes on occurrence and feeding of birds at Crater Mountain Biological Research Station, Papua New Guinea. *Emu* 96: 89-101.
- Mack, A. L. 1995. Feathered Foresters: Dwarf Cassowaries sow the seeds of rainforest giants. *Living Bird* 14 (4): 22-25.
- Mack, A. L. 1995. Distance and non-randomness of seed dispersal by the Dwarf Cassowary, Casuaris bennetti, in Papua New Guinea. *Ecography* 18: 286-295.
- Mack, A. L. 1995. Phenology of the dominant trees of a hardwood hammock in south Florida. *Caribbean Journal of Science* 31: 207-211.

Wright, D. D., A. L. Mack and E. H. Paxton. 1995. Recent *Aproteles bulmerae* (Megachiroptera: Pteropodidae) skulls found in Eastern Highlands Province, Papua New Guinea. *Mammalia* 59: 163-164.

Mack, A. L. 1994. The nests and eggs of birds at the Crater Mountain Biological Research Station, Papua New Guinea. *Bulletin of the British Ornithologist's Club* 114: 176-181.

Mack, A. L. and D. D. Wright. 1993. Birds of Lake Tebera. *Muruk* 6: 25-26.

Mack, A. L. 1993. The sizes of vertebrate-dispersed fruits, a Neotropical-Paleotropical comparison. *American Naturalist* 142: 840-856.

Gill, F. B., A. M. Mostrom and A. L. Mack. 1993. Speciation in North American chickadees: I. Patterns of mtDNA genetic divergence. *Evolution* 47: 195-212.

Mack, A. L. 1992. The nest, egg, and incubation behaviour of the Blue Bird of Paradise, *Paradisaea rudolphi*. *Emu* 92: 244-246.

Mack, A. L. 1992. Vegetation analysis of a hardwood hammock in Dade County, Florida: changes since 1940. *Florida Scientist* 55: 258-263.

Mack, A. L. 1990. Notes on the Dwarf Cassowary *Casuarius bennetti* in Papua New Guinea. *Muruk* 4: 49-52.

Mack, A. L. 1990. Is frugivory limited by secondary compounds in fruits? *Oikos* 57: 135-138.

Mack, A. L. and C. D. Fisher. 1988. Notes on the birds from the llanos of Meta, Colombia. *Le Gerfaut* 78: 397-408.

Mack, A. L., F. B. Gill, R. Colburn, and C. Spolsky 1986. Mitochondrial DNA: a source of genetic markers for studies of similar passerine bird species. *Auk* 103: 676-681.

Gill, F. B., A. L. Mack and R. T. Ray. 1982. Competition between hermit hummingbirds Phaethorninae and insects for nectar in a Costa Rican rain forest. *Ibis* 124: 44-49.

Meyer de Schauensee, R. and A. L. Mack. 1982. Addenda to 2nd Edition, *A Guide to the Birds of South America*. Pgs. 429-463.