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PERSONAL DATA

- Born: September 4, 1966; New Jersey, USA
- Citizenship: USA
- Married to Sophie Miller

EMPLOYMENT & EDUCATION

- 2015-present: Professor, School of Biological Sciences, University of East Anglia, Norwich, UK
- 2008-present: Principal Investigator, State Key Laboratory of Genetic Resources and Evolution at the Kunming Institute of Zoology, Kunming, China
- 2010-2015: Reader, School of Biological Sciences, University of East Anglia, Norwich, UK
- 2000-2010: Lecturer, School of Biological Sciences, University of East Anglia, Norwich, UK
- 1999-2000: Postdoctoral Research Associate, NERC Centre for Population Biology, Imperial College at Silwood Park
- 1999: Lecturer in Ecology, Bio19, at Harvard University
- 1998: NSF-NATO Postdoctoral Fellow at Imperial College at Silwood Park
- 1997: Ph.D., M.S., Dept. of Organismic and Evolutionary Biology, Harvard University
- 1987-1990: Marketing representative, IBM Corporation
- 1987: A.B., Princeton University

GRANTS SINCE 2001

- 2015: NERC UK Follow-on-Fund (NatureMetrics development, PI, co-I Alfried Vogler) £250,000
- 2015: NERC UK Research Grant (Microbiome metabolomics and genomics, CoI, PI Matt Hutchings, CoIs Barrie Wilkinson, Colin Murrell) £998,000
- 2014: The Ella and Georg Ehrnrooth Foundation (Metabarcoding of climate change, Co-I, PI Tomas Roslin) €60,000
- 2014: Academy of Finland (Metabarcoding of climate change, Co-I, PI Tomas Roslin) €774,640
- 2012: NERC UK Research Grant (Microbiome evolution, Co-I, PI Matt Hutchings) £422,000
- 2011: Ministry of Science and Technology (MOST) China (barcoding) PI RMB 8,000,000
- 2011: National Science Foundation China (NSFC) (metabarcoding) PI RMB 700,000
- 2010: Chinese Academy of Sciences (spatial, molecular ecology) PI RMB 2,000,000
- 2008: Yunnan Province Science and Technology Bureau grant for ECEC 云南省高端科技人才引进计划 (20080A001) PI RMB 4,500,000
- 2008: MRC UK Milstein Award (ant-bacteria mutualisms) Co-I, PI Matt Hutchings, Co-I Rebecca Goss) £400,000
- 2007: European Science Foundation/EUROCORES/TECT/BIOCONTRACT ~ €824,000
- 2005: ESRC/NERC UK Interdisciplinary studentship grant (Economic valuation of ecotourism in Peru) £45,000
- 2005: National Geographic Society (terrestrial vertebrate censuses) \$21,000
- 2005: NERC UK Research Grant (fig-wasp conflict resolution, co-PI James Cook) £260,000
- 2004: Marie Curie Intra-European Fellowship (ant dispersal, post-doctoral fellow Gabriel Debout) €168,000
- 2004: Leverhulme Trust UK (people-park conflicts, co-PIs Carlos Peres, Glenn Shepard) £239,000

- 2002: British Ecological Society Small Ecological Project Grant £2000
- 2002: NERC UK Research Grant (signaling in mutualisms) £31,000
- 2002: European Science Foundation Exploratory Meeting Grant €14,000
- 2001: NERC UK Research Grant (spatial ecology) £31,000

CURRENT RESEARCH FOCI

- Metabarcoding and mitogenomics for high-throughput biodiversity assessment and biomonitoring; Conservation biology and policy, esp. in tropical ecosystems;
- Evolution and maintenance of mutualism: emphasis on microbiomes and the application of game theory to mutualisms

SERVICE

- 2015: NBAF Steering Committee member
- 2015: UEA China Working Group
- 2014: UEA Instructions to Examiners Working Group
- 2013-present: Associate Editor for *Methods in Ecology and Evolution*
- 2012-present: External examiner for MSc in Conservation Science, Imperial College at Silwood Park

FIELDWORK

I am a native English speaker, and I speak Spanish and Chinese fluently. I have conducted extensive fieldwork in Amazonian Peru since 1991, including several seasons amongst the Matsigenka indigenous peoples of Manu Park. I am now carrying out fieldwork in SW China and SE Asia and have also worked in Ecuador, Venezuela, French Guiana, and Mexico.

POSTDOCTORAL ASSOCIATES AND STUDENTS

- *Postdoctoral associates*
 - 2004-2007: Glenn Shepard (Goeldi Museum, Brazil, curator and faculty member)
 - 2004-2007: Julia Ohl (Green Party Germany)
 - 2004-2006: Gabriel Debout (deceased)
 - 2005-2008: Derek Dunn (Northwest University, China, faculty member)
 - 2007-2010: Marco Archetti (University of East Anglia, faculty member)
 - 2007-2008: Jo Ridley (running a self-sufficient farm)
 - 2009-2010: YIN Jiangxia (Heilongjiang University staff)
 - 2009-2015: Ryan Seipke (Leeds University, faculty member)
 - 2014-2014: Mahmoud Al-Bassam (University of California San Diego, PDRA)
 - 2009-present: JI Yinqiu (KIZ)
 - 2010-present: YANG Yahan (KIZ)
 - 2013-present: WANG Jiabin (KIZ)
 - 2014-present: YANG Chenxue (KIZ)
- *Ph.D.*
 - 2001-2005: David Edwards (Sheffield University, faculty member)
 - 2005-2011: Chris Kirkby (founder of FaunaForever.org)
 - 2008-2013: Joerg Barke
 - 2010-2014: Catharine Powell (founder of NatureMetrics)
 - 2010-2014: YANG Chenxue (KIZ)
 - 2013-present: WANG Xiaoyang
 - 2012-present: ZHANG Kai
- *M.Sc. by Research*
 - 2007-2010: Renzo Giudice (Ph.D. candidate)

2009-2011: WANG Hui (employed in industry)
2009- 2011: LIU Chuang (employed in industry)

INVITED TALKS AND PLENARIES IN LAST FIVE YEARS:

2015: Harvard University; Metabarcoding school (Bialowieza, Poland), Eco-Stats Conference (Sydney, Australia)
2014: London Natural History Museum; Metabarcoding school (Tromsø, Norway)
2013: Bangor University; Beijing Normal University; University of Texas Austin; University of Copenhagen; London Natural History Museum Environmental Genomics conference; Environmental Omics Conference Cardiff (plenary); Wageningen University; Senckenberg Research Institute; Berlin Museum für Naturkunde; International Barcode of Life Conference (plenary)
2012: Xishuangbanna Tropical Botanical Garden; China Geography Society (plenary); Imperial College at Silwood Park
2011: BGI Shenzhen Insect Genomes Conference; Zhongshan University; National University Singapore; University of Queensland

PUBLICATIONS

In preparation

1. Archetti, M.A., Scheuring I., Boza, G., & Yu, D.W. **The evolution of passwords to signal shared history for mutualism, mate identification, and social norms.**
2. Zhang, K., Ji, Y.Q., Harrison, R., Yu, D.W. **Tree and insect diversity are correlated across a subtropical landscape.**
3. Bruce, C., Barsoum, N., Yu, D.W. **Metabarcoding as a tool for informing sustainable forest management.**

In review

1. Yang, Y.H., Liu, W.J., Yu, D.W., Schaefer, D. **Higher fungal diversity reduces CO₂ emissions from dead wood in a natural forest.**

Journal articles and book chapters

1. Tang, M., Hardman, C.J., Ji, Y.Q., Meng, G.L., Liu, S.L., Tan, M.H., Yang, S.Z., Moss, E.D., Yang, C.X., Bruce, C., Nevard, T., Potts, S.G., Zhou, X., Yu, D.W. (2015) **High-throughput monitoring of wild bee diversity and abundance via mitogenomics.** *Methods in Ecology and Evolution*.
2. Ren, G.P., Young, S., Wang W., Wang, L., Yu, D.W., Zhu, J.G. (2015) **Effectiveness of China's National Forest Protection Program and Nature Reserves.** *Conservation Biology*.
3. He, D., Wu, R., Feng, Y., Li, Y., Ding, C. & Wang, W., Yu, D. W. (2014) **China's transboundary waters: Water and ecological security through applied ecology.** *Journal of Applied Ecology* **51**:1159-1168.
4. Gao H., Grischow S., Barke J., Seipke R.F., Hill L.M., Orivel J., Yu D.W., Hutchings M.I. & Goss R.J.M. (2014) **Filipins: the first antifungal "weed killers" identified from bacteria isolated from the trap-ant.** *RSC Advances* **4**:57267–57270.
5. Edwards, D.P., Magrath, A., Woodcock, P., Lim, N.T.L., Edwards, F.A., Larsen, T.H., Hsu, W.W., Benedick, S., Khen, C.V., Chung, A.Y.C., Hamer, K.C., Wilcove, D.S., Yu, D.W. (2014) **Selective-logging and oil palm: multitaxon impacts, biodiversity indicators, and trade-offs for conservation planning.** *Ecological Applications* **24**:2029–2049.
6. Scott, I. M., Josephson, S. C., Boyette, A., Clark, A. P., Fried, R., Gibson, M., Hewlett, B., Jamieson, M., Jankowiak, W., Honey, P. L., Huang, Z., Liebert, M. A., Purzycki, B. G., Shaver, J., Sosis, R., Snodgrass, J. J., Sugiyama, L. S., Swami, V., Yu, D. W., Zhao, Y. & Penton-Voak, I. S. (2014) **Human preferences for sexually dimorphic faces may be evolutionarily novel.** *Proceedings of the National Academy of Sciences USA* **111**:14388-14393.

7. Harris, R.B., Zhou, J.K., Ji, Y.Q., Kai, Z., Yang, C.Y., Yu, D.W. (2014) **Evidence that the Tibetan fox is an obligate predator of the plateau pika: conservation implications.** *Journal of Mammalogy* **95**:1207-1221.
8. Yang, C.X., Wang, X.Y., Miller, J.A., de Blécourt, M., Ji, Y.Q., Yang C.Y., Harrison, R.D., Yu, D.W. (2014) **Using metabarcoding to ask if easily collected soil and leaf-litter fauna can be used as a general biodiversity indicator.** *Ecological Indicators* **46**:379-389.
9. Bohmann, K., Evans, A., Gilbert, M.T.P., Carvalho, G.R., Creer, S., Knapp, M., Yu, D.W., de Bruyn, M. (2014) **Environmental DNA for wildlife biology and biodiversity monitoring.** *TREE* **29**:358-367.
10. Bayliss, J., Schaafsma, M., Balmford, A., Burgess, N.D., Green, J.M.H., Madoffe, S.S., Okayasu, S., Peh, K.S-H., Platts, P.J., Yu, D.W. (2014) **The current and future value of nature-based tourism in the Eastern Arc Mountains of Tanzania.** *Ecosystem Services* **8**:75-83.
11. Kocher, S., L. Cai, Yang, W., Tan, H., Yi, S.V., Yang, X.Y., Hoekstra, H., Zhang, G.J., H. Pierce, N. E., Yu, D.W. (2013) **The draft genome of a socially polymorphic halictid bee, *Lasioglossum albipes*.** *Genome Biology* **14**:R142. Highly accessed
www.biomedcentral.com/biome/a-bugs-life-genetic-insights-to-the-social-lives-of-sweat-bees-and-fig-wasps
12. Liu, S.L., Li, Y.Y., Lu, J.L., Su, X., Tang, M., Zhou, L., Zhou, C., Yang, Q., Ji, Y.Q., Yu, D.W., and Zhou, X. (2013) **SOAPBarcode: revealing arthropod biodiversity through assembly of Illumina shotgun sequences of PCR amplicons.** *Methods in Ecology & Evolution* **4**:1142-1150.
13. Ji, Y. Q., Ashton, L., Pedley, S. M., Edwards, D. P., Tang, Y., Nakamura, A., Kitching, R. L., Dolman, P., Woodcock, P., Edwards, F. A., Larsen, T. H., Hsu, W. W., Benedick, S., Hamer, K. C., Wilcove, D. S., Bruce, C., Wang, X. Y., Levi, T., Lott, M., Emerson, B. C. & Yu, D. W. (2013) **Reliable, verifiable, and efficient monitoring of biodiversity via metabarcoding.** *Ecology Letters* **16**:1245-1257.
www.cosmosmagazine.com/features/leech-rangers-patrol-the-jungle/
www.takepart.com/article/2013/08/07/dna-barcoding-parasites-to-find-animals
news.mongabay.com/2014/0124-rowland-insect-soup-metabarcoding-changing-conservation.html
14. Seipke, R. F., J. Barke, D. Heavens, D. Yu, and M. I. Hutchings. (2013) **Analysis of the bacterial communities associated with two ant-plant symbioses.** *MicrobiologyOpen* **2**:276-283.
15. Yu, D. W., Shepard, G. H., Ohl-Schacherer, J. & Levi, T. (2013) **Resolviendo el conflicto “parque-personas” en el Manu, con la estrategia ‘Ocupar la Amazonía’.** *Reporte Manu 2013: Pasión por la investigación en la Amazonía Peruana* (eds. J. Groenendijk, A. Tovar & W. Wust), pp. 342-368. San Diego Zoo Global Peru y SERNANP, Lima, Peru.
16. Ramirez-Gonzalez, R., D. W. Yu, C. Bruce, D. Heavens, M. Caccamo, and B. C. Emerson (2013) **PyroClean: Denoising pyrosequences from protein coding amplicons for the recovery of interspecific and intraspecific genetic variation.** *PLoS ONE* **8**: e57615.
17. Beckschäfer, P., P. Mundhenk, C. Kleinn, Y. Ji, D.W. Yu and R.D. Harrison. (2013) **Enhanced structural complexity index: an improved index for describing forest structural complexity.** *Open Journal of Forestry* **3**:23-29.
18. Wang, H., J. Ridley, D. W. Dunn, R. W. Wang, J. M. Cook, and D. W. Yu. (2013) **Biased oviposition and biased survival together help resolve a fig-wasp conflict.** *Oikos* **122**:533-540.
19. Scheuring, I., Yu, D.W. (2012) **How to assemble a beneficial microbiome in three easy steps.** *Ecology Letters* **15**:1300-1307.
20. Yu, D.W., Ji, Y.Q., Emerson, B.C., Ding, Z.L., Wang, X.Y., Yang, C.Y., Ye, C.X. (2012) **Biodiversity soup: Metabarcoding for rapid, large-scale biodiversity assessment and biomonitoring of arthropods.** *Methods in Ecology & Evolution* **3**:613-623.
 Included in Virtual Issue: “Top Methods in Ecology and Evolution”
www.methodsinecologyandevolution.org/view/o/virtualIssues/topmethodsvirtualissue.html
21. Shepard, G.H., Levi, T. Neves, E.G., Peres, C.A., Yu, D.W. (2012) **Hunting in ancient and modern Amazonia: Rethinking sustainability.** *American Anthropologist* **114**: 652-667.
22. Ye, C., Z. S. Ma, C. H. Cannon, M. Pop, and D. W. Yu. (2012) **Exploiting sparseness in de novo genome assembly.** *BMC Bioinformatics* **13**:S1.

23. Archetti, M., Scheuring, I., Hoffman, M., Frederickson, M.E., Pierce, N.E., Yu, D.W. (2011) **Economic game theory for mutualism and cooperation.** *Ecology Letters* 14: 1300-1312.
24. Seipke, R.F., Barke, J., Ruiz-Gonzalez, M.X., Orivel, J., Yu, D.W., Hutchings, M.I. (2011) **Fungus-growing *Allomerus* ants are associated with antibiotic-producing Actinobacteria.** *Antonie van Leeuwenhoek* 101:443-447.
25. Seipke R.F., Barke J., Brearley C., Hill L., Yu D.W., Goss R.J.M. & Hutchings M.I. (2011) **A single *Streptomyces* mutualist makes multiple antifungals to support the fungus farming ant *Acromyrmex octospinosus*.** *PLoS ONE* 6: e22028.
26. Dunn, D. W., S. Jansen-González, J. M. Cook, D. W. Yu, and R. A. S. Pereira. (2011) **Measuring the discrepancy between fecundity and lifetime reproductive success in a pollinating fig wasp.** *Entomologia Experimentalis Et Applicata* 140:218-225.
27. Levi, T., Lu, F., Yu, D.W., Mangel, M. (2011) **The behavior and diet breadth of central-place foragers: an application to human hunters and Neotropical game management.** *Evolutionary Ecology Research* 13: 171-185.
28. Levi, T., Shepard Jr., G.H., Ohl-Schacherer, J., Wilmers, C., Peres, C.A., Yu, D.W. (2011) **Spatial tools for modeling the sustainability of subsistence hunting in tropical forests.** *Ecological Applications* 21: 1802-1818.
29. Wu R., Zhang S., Yu D.W., Zhao P., Li X., Wang L., Yu Q., Ma J., Chen A. & Long Y. (2011). **Effectiveness of China's nature reserves in representing ecological diversity.** *Frontiers in Ecology and the Environment*. 9: 383-389.
30. Kirkby, C., Giudice, R., Day, B., Turner, R.K., Soares-Filho, B.F., Oliveira-Rodrigues, H., Yu, D.W. (2011) **Closing the ecotourism-conservation loop in Amazonian Peru.** *Environmental Conservation* 38: 6-17.
31. Archetti, M., Ubeda, F., Fudenberg, D., Green, J., Pierce, N.E., Yu, D.W. (2011) **Let the right one in: a microeconomic approach to partner choice in mutualisms.** *American Naturalist*. 177: 75-85.
Faculty of 1000 Exceptional Paper, f1000.com/10426957
32. Barke, J., Seipke, R.F., Yu, D.W., Hutchings, M.I. (2011) **A mutualistic microbiome: How do fungus-growing ants select their antibiotic-producing bacteria?** Invited addendum in *Communicative & Integrative Biology* 4: 1-3.
33. Weyl, E.G., Frederickson, M.E., Yu, D.W., Pierce, N.E. (2010) **Economic contract theory tests models of mutualism.** *Proceedings of the National Academy of Sciences USA* 107: 15712-15716.
Faculty of 1000 Must Read Paper, f1000biology.com/article/id/1282068
34. Barke, J., Seipke, R.F., Gruschow, S., Heavens, D., Drou, N., Bibb, M.J., Goss, R.J.M., Yu, D.W., Hutchings, M.I., (2010) **A mixed community of actinomycetes produces multiple antibiotics for the fungus farming ant *Acromyrmex octospinosus*.** *BMC Biology* 8: 109.
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35. Kirkby, C., Giudice, R., Day, B., Turner, R.K., Velarde-Andrade, L.-M., Dueñas-Dueñas, A., Lara-Rivas, J.-C., Yu, D.W. (2010) **The market triumph of ecotourism: An economic investigation of the private and social benefits of competing land uses in the Peruvian Amazon.** *PLoS ONE* 5, e13015.
cabiblog.typepad.com/hand_picked/2010/10/the-market-triumph-of-ecotourism.html
planetearth.nerc.ac.uk/news/story.aspx?id=830
36. Yu, D.W., Levi, T., Shepard, G.H. (2010) **Conservation in low-governance environments.** *Biotropica* 42: 569-571.
37. Bawa, K.S., Koh, L. P. Lee, T.M., Liu, J., Ramakrishnan, P.S., Yu, D.W. , Zhang, Y.-P., Raven, P.H. (2010) **China, India, and the environment.** *Science* 327: 1457-1458.
38. Debout, G. D. G., Frederickson, M., Aron, S., Yu, D.W. (2010) **Unexplained split sex ratios in the Neotropical symbiotic plant-ant, *Allomerus octoarticulatus* var. *demerarae* (Myrmicinae): a test of hypotheses.** *Evolution* 64: 126-141.
39. Kirkby, C., Giudice, R., Day, B., Turner, R.K., Soares-Filho, B.F., Oliveira-Rodrigues, H., Yu, D.W. (2010) **Closing the ecotourism-conservation loop in Amazonian Peru.** In *The Theory and Practice of Ecosystem Service Valuation* (eds. P. M. Kareiva, T. H. Ricketts, G. C. Daily, H. Tallis, & S.

Polasky) Cambridge U. Press.

40. Kirkby, C. & D.W. Yu (2010) **Ecotourism case study**. In *Introduction to Tropical Rain Forest Ecology and Management* (eds. J. Ghazoul & D. Sheil) Oxford U. Press.
41. Shepard, G.H., Rummenhoeller, K., Ohl-Schacherer, J., Yu, D.W. (2010) **Trouble in Paradise: Indigenous populations, anthropological policies, and biodiversity conservation in Manu National Park, Peru**. *Journal of Sustainable Forestry* 29: 252–301.
42. Abraão M.B., Shepard Jr, G.H., Nelson B.W., Baniwa J.C., Andrello G., Yu, D.W. (2010) **Baniwa habitat classification in the white-sand campinarana habitat of the Northwest Amazon**. pp. 83-115 in *Landscape ethnoecology: concepts of biotic and physical space* (eds. L. M. Johnson & E.S. Hunn) Berghahn Books (New York).
43. Yu, D.W. (2010) **Managing the exploitation of wildlife in tropical forests**. pp. 121-123 in *Conservation Biology for All* (eds. N. S. Sodhi & P. R. Ehrlich) Oxford U. Press.
44. Endo, W., Salas, E., Mori, S., Pacheco, V., Peres, C., Yu, D.W. (2010) **Game vertebrate densities in hunted and nonhunted forest sites in Manu National Park, Peru**. *Biotropica* 42: 251-261.
45. Palminteri, S., G. Powell, W. Endo, C. Kirkby, D. W. Yu, and C. A. Peres. (2009) **Usefulness of species range polygons in representing a primate community in southeastern Peru**. *American Journal of Primatology* 71: 1-9.
46. Wang, R.W., Ridley, J., Shi, L., Dunn, D.W., Cook, J.M., Zhang, Y.-P., Yu, D.W. (2009) **Interference competition and high temperature reduce the virulence of fig wasps and stabilize a fig-wasp mutualism**. *PLoS One* 4: e7802.
Faculty of 1000 Recommended Paper, f1000biology.com/article/id/1282068
47. Edwards, D.P., Frederickson, M.E., Shepard, G.H., Yu, D.W. (2009) **‘A plant needs ants like a dog needs fleas:’ *Myrmelachista schumanni* ants gall many tree species to create housing**. *American Naturalist* 174: 734-740.
48. Szilágyi, A., Scheuring, I., Orivel, J., Edwards, D.P., Yu, D.W. (2009) **The evolution of intermediate castration virulence and ant coexistence in a spatially structured environment**. *Ecology Letters* 12: 1306-1316.
Faculty of 1000 Recommended Paper, www.f1000biology.com/article/id/1968966
49. Levi, T., Shepard Jr., G.H., Ohl-Schacherer, J., Peres, C.A., Yu, D.W. (2009) **Modeling the long-term sustainability of indigenous hunting in Manu National Park, Peru: Landscape-scale management implications for Amazonia**. *Journal of Applied Ecology* 46: 804-814.
*Selected by *Journal of Applied Ecology* as one of the twenty-one most influential papers on applied forest management and global change in the last five years, and one of four of the most influential papers on sustainable harvest
www.journalofappliedecology.org/view/o/virtualissueforests.html
50. Fisher, B., K. Turner, M. Zylstra, R. Brouwer, R. de Groot, S. Farber, P. Ferraro, R. Green, D. Hadley, J. Harlow, P. Jefferiss, C. Kirkby, P. Morling, S. Mowatt, R. Naidoo, J. Paavola, B. Strassburg, D. Yu, and A. Balmford. (2008) **Ecosystem services and economic theory: integration for policy-relevant research**. *Ecological Applications* 18: 2050-2067.
Faculty of 1000 Must Read Paper, f1000.com/1163989
51. Edwards, D.P. and Yu, D.W. **Tolerating castration by hiding flowers in plain sight**. (2008) *Behavioral Ecology and Sociobiology* 63: 95-102.
52. Abraão, M., Baniwa, J.C., Nelson, B.W., Andrello, G., Yu, D.W. & Shepard, G.H. (2008) **Ethnobotanical Ground-Truthing of Baniwa Landscape Knowledge in the White-Sand Campinarana Forests of the Upper Rio Negro, Brazil**. *Journal of Biogeography* 35: 2237-2248.
53. Dunn, D., Yu, D.W., Ridley, J., Cook, J.M. (2008) **Longevity, size and early emergence in a pollinating fig wasp – implications for the stability of the fig-pollinator mutualism**. *Journal of Animal Ecology* 77: 927-935.
54. Bush, A.A., Yu, D.W., Herberstein, M.E. (2008) **Function of bright colouration in the Wasp Spider *Argiope bruennichi* (Araneae: Araneidae)**. *Proceedings of the Royal Society of London B* 275: 1337-1342.
55. Ohl-Schacherer, J., Mannigel, E., Kirkby, C., Shepard Jr., G.H., Yu, D.W. (2008) **Indigenous**

- ecotourism in the Amazon: A case study of 'Casa Matsigenka' in Manu National Park, Peru.** *Environmental Conservation* 35: 14-25.
56. Dunn, D. W., S. T. Segar, J. Ridley, R. Chan, R. H. Crozier, D. W. Yu, and J. M. Cook. (2008) **A role for parasites in stabilising the fig-pollinator mutualism.** *PLoS Biology* 6:490-496.
sciencemag.org/cgi/content/full/2008/311/2
 57. Yu, D.W., Proulx, S.M., Shepard, G.H. (2008) **Masculinity, marriage and the paradox of the lek.** pp. 88-107 in *The Body Beautiful* (eds. V. Swami & A. Furnham). New York: Palgrave Macmillan.
 58. Ohl, J., Wezel, A., Shepard Jr., G.H., Yu, D.W. (2007) **Swidden agriculture in a human-inhabited protected area: The Matsigenka native communities of Manu National Park, Peru.** *Environment, Development, and Sustainability* 10: 827-843.
 59. Edwards, D.P., R. Arauco, M. Hassall, W. J. Sutherland, K. Chamberlain, L. J. Wadham, and D. W. Yu. (2007) **Protection in an ant-plant mutualism: an adaptation or a sensory trap?** *Animal Behaviour* 74: 377-385.
 60. Ohl-Schacherer, J., Shepard Jr., G.H., Kaplan, H., Peres, C.A., Levi, T., Yu, D.W. (2007) **The sustainability of hunting by Matsigenka native communities in Manu National Park, Peru.** *Conservation Biology* 21: 1174-1185.
 61. Edwards, D.P. & Yu, D.W. (2007) **The roles of sensory traps in the origin, maintenance, and breakdown of mutualism.** *Behavioral Ecology and Sociobiology* 61:1321-1327.
 62. Debout, G. D. G., Ventelon-Debout, G., Emerson, B. C. & Yu, D. W. (2007) **PCR primers for polymorphic microsatellite loci in the plant-ant *Azteca ulei* var. *cordiae* (Formicidae: Dolichoderinae).** *Molecular Ecology Notes* 7: 607-609.
 63. da Silva, M.N., Shepard Jr., G.H., Yu, D.W. (2005, appeared in 2007) **Conservation implications of primate hunting practices among the Matsigenka of Manu National Park.** *Neotropical Primates* 13: 31-36.
 64. Debout, G. D. G., Pereyra, R., Emerson, B. C. & Yu, D. W. (2006) **Characterisation of polymorphic microsatellites in the castration parasite plant-ant *Allomerus octoarticulatus* cf. *demerarae* (Formicidae: Myrmicinae).** *Molecular Ecology Notes* 6: 182-184.
 65. Edwards, D.P., Arauco, R., Hassall, M., Sutherland, W.J., Yu, D.W. (2006) **Assembling a mutualism: ant symbionts locate their host plants by detecting volatile chemicals.** *Insectes Sociaux* 53: 172-176.
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