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Education

PhD Genetics, University of Georgia 2006
MS Botany, University of California Riverside 2000
BA Botany, University of California Riverside 1998

Academic Employment

Professor, Dept. Plant Sciences, University of California Davis 2016-present
Associate Professor, Dept. Plant Sciences, University of California Davis 2012-2016
Assistant Professor, Dept. Plant Sciences, University of California Davis 2009-2012
Postdoctoral Researcher (with BS Gaut), University of California Irvine 2006-2008
Profesor de Asignatura, Universidad Nacional Autónoma de México 2001

Selected Fellowships and Awards

Corn Pun Trophy, Genetics Society of America 2017
Mid-Career Excellence in Maize Genetics Award 2016
Faculty Development Award in recognition of university service 2015
DuPont Young Professor Award 2012
Presidential Early Career Award for Scientists and Engineers 2009
Dean's Award for Postdoctoral Excellence, UC Irvine 2008

Instruction and Advising

Current (total) advisees: 5 (16) postdoc, 5 (6) graduate, 4 (27) undergraduate
Current thesis committees: 23 PhD, ? MS
Instructor, Frontiers and Techniques in Plant Science, CSHL, July 2015
Genetics (UC Davis, BIS 101, undergraduate), 2013-present
Ecological Genomics (UC Davis, ECS243, graduate), 2014-present
Faculty advisor, Pioneer Hi-Bred/CAES graduate student symposium in plant breeding, 2012-present
Faculty advisor, US-Mexico graduate student exchange program, 2011-2015
Population and Quantitative Genetics (GGG 201D, graduate), 2010-2013
Plant Genetics (PLS 152, undergraduate), 2010-2011
Biología de Plantas I (undergraduate), UNAM, 2001

Service: selected from last 2 years

University

UC Davis Disciplinary Peer Review Committee on sexual violence and sexual harassment, 2017-present
 Task Force on Bioinformatics at UC Davis, 2017-present
 College representative, UC Davis High Performance Computing Advisory Committee, 2016-present
 Section Chair for Agricultural Plant Biology, 2014-present
 Plant Sciences executive committee, 2014-present
 Search committees: Dept. Chair of Plant Sciences (Chair, 2016)
 Dept. of Plant Sciences academic planning committee, 2010-2016

Professional

Science Career presentation, Fred T. Korematsu Elementary School, Davis
 Maize Genetics Awards Committee, 2017
 Advisory Board, PeerJ Preprints, 2016-present
 Editorial Boards: Genes, Genomes, and Genetics (Associate Editor 2014-2016, Senior Editor 2017-present), *PeerJ* (2013-present), *Axios Reviews* (2013-2017), Peer Community in Evolutionary Biology (2017-present), *eLife* (Guest Editor, 2016)
 External search committee member, Dept. Plant Biology, Swedish University of Agricultural Sciences (2016)
 Journal peer review: Nature (5), Nature Genetics, *eLife*, Nature Plant (3), PLoS Genetics (2), The Plant Cell, *eLife*, Current Biology, Molecular Biology & Evolution (3), Genome Research (3), Genetics, Trends in Plant Science (2), Genome Biology & Evolution (2), Molecular Ecology (4), G3 (many), BMC Genomics, PLoS ONE, Scientific Reports
 Proposal review: NSF (2016,2017 (2)), Swiss National Science Foundation (2016), GWIS (2016), Israeli Science Foundation (2016)

Current Funding

NSF Plant Genome Research Program: "The genetics of highland adaptation in maize" (PI), 2016-2021
 NSF Plant Genome Research Program: "Biology of Rare Alleles" (Co-PI), 2013-2018

Invited Seminars: last 12 months

SMBE structural variation symposium, San Antonio, July 2017
 Harris Moran Breeding, Davis, CA, Feb 2017
 Davis Science Cafe, Aug 2016
 SMBE domestication symposium, Queensland, Australia, July 2016
 UC Master Gardners, May 2016
 U. Arizona, Apr. 2016
 Joint Genome Institute, Mar. 2016
 U. Southern California, Feb. 2016

Publications (lab members in bold, *equal contribution, †cover article, ‡undergraduate, §corresponding)

Preprints

Bilinski P, Albert P, Berg JJ, Birchler JA, Grote M, **Lorant A**, **Quezada J**[‡], Swarts, K, **Yang J**, **Ross-Ibarra J**[§] [Parallel altitudinal clines reveal adaptive evolution of genome size in *Zea mays*](#)

Wang L, **Beissinger TM**, **Lorant A**, **Ross-Ibarra C**, **Ross-Ibarra J**[§], Hufford MB[§] [The interplay of demography and selection during maize domestication and diffusion](#)

Lorant A, Pedersen S, Holst I, Hufford MB, Winter K, Piperno D, **Ross-Ibarra J**[§] [The potential role of genetic assimilation during maize domestication](#)

Yang J^{*}, **Mezmouk S**^{*}, Baumgarten A, Buckler ES, Guill KE, McMullen MD, Mumm RH, **Ross-Ibarra J**[§]. [Incomplete dominance of deleterious alleles contribute substantially to trait variation and heterosis in maize](#)

O'Brien A[§], Sawers R, **Ross-Ibarra J**, Straus SY[§]. [Evolutionary responses to conditionality in species interactions across environmental gradients](#)

Bukowski R, Guo X, Lu Y, Zou C, He B, Rong Z, Wang B, Xu D, Yang B, Xie C, Fan L, Gao S, Xu X, Zhang G, Li Y, Jiao Y, Doebley K, **Ross-Ibarra J**, **Buffalo V**, Buckler ES, Xu Y, Lai J, Ware D, Sun Q. [Construction of the third generation *Zea mays* haplotype map](#)

In press or in print

H-Index 31 (4609 citations as of Sun Aug 6 23:35:51 2017)

66. Aguilar-Rangel MR, Chàvez Montes RA, González-Segovia E, **Ross-Ibarra, J**, Simpson J, Sawers RJH (2017) Allele specific expression analysis identifies regulatory variation associated with stress-related genes in the Mexican highland maize landrace Palomero Toluqueño. *PEERJ In Press*
65. **Stetter MG**, **Gates DJ**, **Mei W**, **Ross-Ibarra J**[§] (2017) How to make a domesticate. *CURRENT BIOLOGY In Press*
64. Swarts K, Gutaker RM, Schuenemann V, Benz B, Blake M, Bukowski R, Holland J, Kruse-Peebles M, Lepak N, Matson RG, Prim L, Romay C, **Ross-Ibarra J**, Sanchez J, Schmidt C, Sofro E, Krause J, Weigel D, Buckler ES, Burbano HA (2017) Genomic estimation of complex traits reveals ancient maize adaptation to temperate North America. *SCIENCE In Press*
63. **Bilinski P**[§], Han Y, **Hufford MB**, **Lorant A**, Zhang P, Jiang J, **Ross-Ibarra J**[§] (2017) Diverse origins of high copy tandem repeats in grass genomes. *PLOS ONE* 12: e0177896.
62. Jiao Y, Peluso P, Shi J, Liang T, **Stitzer MC**, Wang B, Campbell M, Stein JC, Wei X, Chin C-S, Guill K, Regulski M, Kumari S, Olson A, Gent J, Schneider KL, Wolfgruber TK, May MR, Springer N, Antoniou E, McCombie R, Presting GG, McMullen M, **Ross-Ibarra J**, Dawe RK, Hastie A, Rank DR, Ware D (2017) Improved maize reference genome with single-molecule technologies. *NATURE* 546:524-527
Citations: 3
61. **Renny-Byfield S**[§], Rodgers-Melnick E, **Ross-Ibarra J**[§] (2017) Gene fractionation and function in the ancient subgenomes of maize. *MBE* 34:1825-1832
60. **Velasco D**, Aradhya M, and **Ross-Ibarra J**[§] (2016) Evolutionary genomics of peach and almond domestication. *G3* 6:3985-3993
Citations: 7
59. Ramos-Madrigal J, Smith BD, Moreno-Mayar JV, Gopalakrishnan S, **Ross-Ibarra J**, Gilbert MTP, Wales N (2016) Genome sequence of a 5310-year-old maize cob provides insights into the early stages of maize domestication. *CURRENT BIOLOGY* 26:3195-3201

Citations: 12

58. **Durvasula A^{‡*}**, Hoffman PJ*, **Kent TV[‡]**, Liu C, Kono TJY, Morrell PL[§], **Ross-Ibarra J[§]** (2016) ANGSD-wrapper. MOLECULAR ECOLOGY RESOURCES 16:1449-1454
Citations: 2
57. **Beissinger TM[§]**, Wang L, **Crosby K**, **Durvasula A[‡]**, Hufford MB, **Ross-Ibarra J[§]** (2016) Recent demography drives changes in linked selection across the maize genome. NATURE PLANTS 2:16084
Citations: 12
56. Wolfgruber TK, Nakashima MM, Schneider KL, Sharma A, Xie Z, Albert PS, Xu R, **Bilinski P**, Dawe RK, **Ross-Ibarra J**, Birchler JA, Presting G (2016) High quality maize centromere 10 sequence reveals evidence of frequent recombination events. FRONTIERS IN PLANT SCIENCE 7
Citations: 7
55. Orozco-Ramírez Q, Santacruz-Varela A, **Ross-Ibarra J**, Brush B (2016) Maize diversity associated with social origin and environmental variation in southern Mexico. HEREDITY 116:477-484.
Citations: 7
54. Gerke JP[§], Edwards JW, Guill KE, **Ross-Ibarra J[§]**, McMullen MD (2015) The genomic impacts of drift and selection for hybrid performance in maize. GENETICS 201: 1201-1211
Citations: 14
53. Sosso D, Luo D, Li Q-B, Sasse J, **Yang J**, Gendrot G, Suzuki M, Koch KE, McCarty DR, Chourey PS, Rogoswsky PM, **Ross-Ibarra J**, Yang B, Frommer WB (2015) Seed filling in domesticated maize and rice depends on SWEET-mediated hexose transport. NATURE GENETICS 47:1489-1493
Citations: 30
52. **Takuno S**, Ralph P, Swarts K, Elshire RJ, Glaubitz JC, Buckler ES, **Hufford MB**, **Ross-Ibarra J[§]** (2015) Independent molecular basis of convergent highland adaptation in maize. GENETICS 200:1297-1312
Citations: 19
51. **Vann LE**, **Kono T**, **Pyhäjärvi T**, **Hufford MB[§]**, **Ross-Ibarra J[§]** (2015) Natural variation in teosinte at the domestication locus teosinte branched1 (tb1). PEERJ 3:e900
Citations: 3
50. Hake S, **Ross-Ibarra J** (2015) Genetic, evolutionary and plant breeding insights from the domestication of maize. ELIFE 2015;4:e05861
Citations: 0
49. Fonseca RR, Smith B, Wales N, Cappellini E, Skoglund P, Fumagalli M, Samaniego JA, Caroe C, Avila-Arcos MC, Hufnagel D, Korneliussen TS, Vieira FG, Jakobsson M, Arriaza B, Willerslev E, Nielsen R, Hufford MB, Albrechtsen A, **Ross-Ibarra J**, Gilbert MT (2015) The origin and evolution of maize in the American Southwest. NATURE PLANTS 1:14003
Citations: 0
48. Dyer GA, López-Feldman A, Yúnez-Nauade A, Taylor JE, **Ross-Ibarra J** (2015) Reply to Brush *et al.*: A wake up call for crop conservation science. PNAS 112 (1), E2-E2 (letter).
Citations: 3

47. Makarevitch I, Waters M, West P, **Stitzer M, Ross-Ibarra, J**, Springer NM (2015) Mobile elements contribute to activation of genes in response to abiotic stress. *PLoS GENETICS* 11 (1): e1004915.
Citations: 71
46. Tiffin P, **Ross-Ibarra J** (2014) Advances and limits of using population genetics to understand local adaptation. *TRENDS IN ECOLOGY AND EVOLUTION* 29:673-680
Citations: 86
45. **Bilinski P, Distor KD, Gutierrez-Lopez J, Mendoza Mendoza G, Shi J, Dawe K, Ross-Ibarra J^S** (2014) Diversity and evolution of centromere repeats in the maize genome. *CHROMOSOMA* 0009-5915
Citations: 10
44. **Mezmouk S, Ross-Ibarra J^S** (2014) The pattern and distribution of deleterious mutations in maize. (2014) *G3* 4:163-171
Citations: 20
43. Waters AJ, **Bilinski P**, Eichten SR, Vaughn MW, **Ross-Ibarra J**, Gehring M, Springer NM (2013) Comprehensive analysis of imprinted genes in maize reveals allelic variation for imprinting and limited conservation with other species. *PNAS* 110:19639-19644
Citations: 39
42. **Pyhäjärvi T, Hufford MB, Mezmouk S, Ross-Ibarra J^S** (2013) Complex patterns of local adaptation in teosinte. *GENOME BIOLOGY AND EVOLUTION* 5: 1594-1609.[†]
Citations: 53
41. Wills DM, Whipple C, **Takuno S**, Kursel LE, Shannon LM, **Ross-Ibarra J**, Doebley JF (2013) From many, one: genetic control of prolificacy during maize domestication. *PLoS GENETICS* 9(6): e1003604.
Citations: 33
40. McCouch S, Baute GJ, Bradeen J, Bramel P, Bretting PK, Buckler E, Burke JM, Charest D, Cloutier S, Cole G, Dempewolf H, Dingkuhn M, Feuillet C, Gepts, P, Grattapaglia D, Guarino L, Jackson S, Knapp S, Langridge P, Lawton-Rauh A, Lijua Q, Lusty C, Michael T, Myles S, Naito K, Nelson RL, Pontarollo R, Richards CM, Rieseberg L, **Ross-Ibarra J**, Rounsley S, Hamilton RS, Schurr U, Stein N, Tomooka N, van der Knaap E, van Tassel D, Toll J, Valls J, Varshney RK, Ward J, Waugh R, Wenzl P, Zamir. (2013) Agriculture: Feeding the future. *NATURE* 499:23-24
Citations: 173
39. **Hufford MB**, Lubinsky P, **Pyhäjärvi T**, **Devenganzo MT[†]**, Ellstrand NC, **Ross-Ibarra J^S** (2013) The genomic signature of crop-wild introgression in maize. *PLoS GENETICS* 9(5): e1003477.
Citations: 98
38. **Provance MC^S**, Garcia Ruiz I, **Thommes C[†]**, **Ross-Ibarra J** (2013) Population genetics and ethnobotany of cultivated *Diospyros riojae* Gómez Pompa (Ebenaceae), an endangered fruit crop from Mexico. *GENETIC RESOURCES AND CROP EVOLUTION* 60: 2171-2182.
Citations: 2
37. Melters DP*, Bradnam KR*, Young HA, Telis N, May MR, Ruby JG, Sebra R, Peluso P, Eid J, Rank D, Fernando Garcia J, DeRisi J, Smith T, Tobias C, **Ross-Ibarra J^S**, Korf IF^S, Chan SW-L. (2013) Patterns of centromere tandem repeat evolution in 282 animal and plant genomes. *GENOME BIOLOGY* 14:R10
Citations: 112

36. Kanizay LB, **Pyhäjärvi T**, Lowry E, **Hufford MB**, Peterson DG, **Ross-Ibarra J**, Dawe RK (2013) Diversity and abundance of the Abnormal chromosome 10 meiotic drive complex in *Zea mays*. *HEREDITY* 110: 570-577.
Citations: 6
35. **Hufford MB**, Bilinski P, **Pyhäjärvi T**, **Ross-Ibarra J**[§] (2012) Teosinte as a model system for population and ecological genomics. *TRENDS IN GENETICS* 12:606-615[†]
Citations: 24
34. Muñoz Diez C, Vitte C, **Ross-Ibarra J**, Gaut BS, Tenaillon MI (2012) Using nextgen sequencing to investigate genome size variation and transposable element content. In Grandbastien M-A, Casacuberta JM, editors. *TOPICS IN CURRENT GENETICS v24: Plant Transposable Elements - Impact on Genome Structure & Function*. pp. 41-58
Citations: 12
33. **van Heerwaarden J**[§], **Hufford MB**, **Ross-Ibarra J**[§] (2012) Historical genomics of North American maize. *PNAS* 109: 12420-12425
Citations: 72
32. Swanson-Wagner R, Briskine R, Schaefer R, **Hufford MB**, **Ross-Ibarra J**, Myers CL, Tiffin P, Springer NM. Reshaping of the maize transcriptome by domestication. (2012) *PNAS* 109: 11878-11883
Citations: 60
31. **Hufford MB**^{*}, Xun X^{*}, **van Heerwaarden J**^{*}, **Pyhäjärvi T**^{*}, Chia J-M, Cartwright RA, Elshire RJ, Glaubitz JC, Guill KE, Kaeppler S, Lai J, Morrell PL, Shannon LM, Song C, Spinger NM, Swanson-Wagner RA, Tiffin P, Wang J, Zhang G, Doebley J, McMullen MD, Ware D, Buckler ES[§], Yang S[§], **Ross-Ibarra J**[§] (2012) Comparative population genomics of maize domestication and improvement. *NATURE GENETICS* 44:808-811[†]
Citations: 343
30. Chia J-M^{*}, Song C^{*}, Bradbury P, Costich D, de Leon N, Doebley JC, Elshire RJ, Gaut BS, Geller L, Glaubitz JC, Gore M, Guill KE, Holland J, **Hufford MB**, Lai J, Li M, Liu X, Lu Y, McCombie R, Nelson R, Poland J, Prasanna BM, **Pyhäjärvi T**, Rong T, Sekhon RS, Sun Q, Tenaillon M, Tian F, Wang J, Xu X, Zhang Z, Kaeppler S, **Ross-Ibarra J**, McMullen M, Buckler ES, Zhang G, Xu Y, Ware, D (2012) Maize HapMap2 identifies extant variation from a genome in flux. *NATURE GENETICS* 44:803-807[†]
Citations: 317
29. Fang Z, **Pyhäjärvi T**, Weber AL, Dawe RK, Glaubitz JC, Sánchez González J, **Ross-Ibarra C**, Doebley J, Morrell PL[§], **Ross-Ibarra J**[§] (2012) Megabase-scale inversion polymorphism in the wild ancestor of maize. *GENETICS* 191:883-894
Citations: 37
28. Cook JP, McMullen MD, Holland JB, Tian F, Bradbury P, **Ross-Ibarra J**, Buckler ES, Flint-Garcia SA (2012) Genetic architecture of maize kernel composition in the Nested Association Mapping and Inbred Association panels. *PLANT PHYSIOLOGY* 158: 824-834
Citations: 0
27. Morrell PL, Buckler ES, **Ross-Ibarra J**[§] (2012) Crop genomics: advances and applications. *NATURE REVIEWS GENETICS* 13:85-96[†]
Citations: 251

26. Studer A, Zhao Q, **Ross-Ibarra J**, Doebley J (2011) Identification of a functional transposon insertion in the maize domestication gene *tb1*. *NATURE GENETICS* 43:1160-1163.
Citations: 229
25. **van Heerwaarden J[§]**, Doebley J, Briggs WH, Glaubitz JC, Goodman MM, Sánchez González JJ, **Ross-Ibarra J[§]** (2011) Genetic signals of origin, spread and introgression in a large sample of maize landraces. *PNAS* 108: 1088-1092
Citations: 0
24. **Hufford MB[§]**, Gepts P, **Ross-Ibarra J** (2011) Influence of cryptic population structure on observed mating patterns in the wild progenitor of maize (*Zea mays* ssp. *parviglumis*). *MOLECULAR ECOLOGY* 20: 46-55
Citations: 10
23. Tenaillon MI, **Hufford MB**, Gaut BS, **Ross-Ibarra J[§]** (2011) Genome size and TE content as determined by high-throughput sequencing in maize and *Zea luxurians*. *GENOME BIOLOGY AND EVOLUTION* 3: 219-229
Citations: 108
22. Eckert AJ, **van Heerwaarden J**, Wegrzyn JL, Nelson CD, **Ross-Ibarra J**, González-Martínez SC, and Neale DB (2010) Patterns of population structure and environmental associations to aridity across the range of loblolly pine (*Pinus taeda* L, Pinaceae). *GENETICS* 185: 969-982
Citations: 237
21. Fuchs EJ, **Ross-Ibarra J[§]**, Barrantes G (2010) Reproductive biology of *Macleania rupestris*: a pollen-limited Neotropical cloud-forest species in Costa Rica. *JOURNAL OF TROPICAL ECOLOGY* 26: 351-354
Citations: 5
20. Whitney KD, Baack EJ, Hamrick JL, Godt MJW, Barringer BC, Bennett MD, Eckert CG, Goodwillie C, Kalisz S, Leitch I, **Ross-Ibarra J** (2010) A role for nonadaptive processes in plant genome size evolution? *EVOLUTION* 64: 2097-2109
Citations: 56
19. **van Heerwaarden J**, **Ross-Ibarra J[§]**, Doebley J, Glaubitz JC, Sánchez González J, Gaut BS, Eguiarte LE (2010) Fine scale genetic structure in the wild ancestor of maize (*Zea mays* ssp. *parviglumis*). *MOLECULAR ECOLOGY* 19: 1162-1173
Citations: 30
18. Shi J, Wolf S, Burke J, Presting G, **Ross-Ibarra J**, Dawe RK (2010) High frequency gene conversion in centromere cores. *PLoS BIOLOGY* 8: e1000327
Citations: 67
17. Hollister JD, **Ross-Ibarra J**, Gaut BS (2010) Indel-associated mutation rate varies with mating system in flowering plants. *MOLECULAR BIOLOGY AND EVOLUTION* 27: 409-416.
Citations: 0
16. **van Heerwaarden J**, van Eeuwijk FA, **Ross-Ibarra J** (2010) Genetic diversity in a crop metapopulation. *HEREDITY* 104: 28-39
Citations: 29

15. Gore MA*, Chia JM*, Elshire RJ, Sun Q, Ersoz ES, Hurwitz BL, Peiffer JA, McMullen MD, Grills GS, **Ross-Ibarra J**, Ware DH, Buckler ES (2009) A first-generation haplotype map of maize. *SCIENCE* 326: 1115-1117.
Citations: 504
14. **May MR[‡]**, **Provance MC**, Sanders AC, Ellstrand NC, **Ross-Ibarra J[§]** (2009) A pleistocene clone of Palmer's Oak persisting in Southern California. *PLoS ONE* 4: e8346.
Citations: 19
13. Zhang LB, Zhu Q, Wu ZQ, **Ross-Ibarra J**, Gaut BS, Ge S, Sang T (2009) Selection on grain shattering genes and rates of rice domestication. *NEW PHYTOLOGIST* 184: 708-720.
Citations: 94
12. **Ross-Ibarra J**, Tenaillon M, Gaut BS (2009) Historical divergence and gene flow in the genus *Zea*. *GENETICS* 181: 1399-1413.
Citations: 106
11. **Ross-Ibarra J***, Wright SI*, Foxe JP, Kawabe A, DeRose-Wilson L, Gos G, Charlesworth D, Gaut BS (2008) Patterns of polymorphism and demographic history in natural populations of *Arabidopsis lyrata*. *PLoS ONE* 3: e2411.
Citations: 132
10. Lockton S, **Ross-Ibarra J**, Gaut BS (2008) Demography and weak selection drive patterns of transposable element diversity in natural populations of *Arabidopsis lyrata*. *PNAS* 105: 13965-13970.
Citations: 55
9. **Ross-Ibarra J[§]**, Gaut BS (2008) Multiple domestications do not appear monophyletic. *PNAS* 105: E105 (letter).
Citations: 18
8. Gaut BS, **Ross-Ibarra J** (2008) Selection on major components of angiosperm genomes. *SCIENCE* 320: 484-486.
Citations: 62
7. **Ross-Ibarra J**, Morrell PL, Gaut BS (2007) Plant domestication, a unique opportunity to identify the genetic basis of adaptation. *PNAS* 104 Suppl 1: 8641-8648.
Citations: 234
6. **Ross-Ibarra J[§]** (2007) Genome size and recombination in angiosperms: a second look. *JOURNAL OF EVOLUTIONARY BIOLOGY* 20: 800-806.
Citations: 22
5. Wares JP, Barber PH, **Ross-Ibarra J**, Sotka EE, Toonen RJ (2006) Mitochondrial DNA and population size. *SCIENCE* 314: 1388-90 (letter).
Citations: 29
4. **Ross-Ibarra J[§]** (2005) QTL and the study of plant domestication. *GENETICA* 123: 197-204.
Citations: 28
3. **Ross-Ibarra J[§]** (2004) The evolution of recombination under domestication: a test of two hypotheses. *AMERICAN NATURALIST* 163: 105-112.

Citations: 61

2. **Ross-Ibarra J** (2003) Origin and domestication of chaya (*Cnidoscolus aconitifolius* Mill I. M. Johnst): Mayan spinach. MEXICAN STUDIES 19: 287-302.
Citations: 0
1. **Ross-Ibarra J^S**, Molina-Cruz A (2002) The ethnobotany of Chaya (*Cnidoscolus aconitifolius* ssp. *aconitifolius* Breckon): A nutritious Maya vegetable. ECONOMIC BOTANY 56: 350-365.
Citations: 53
- o. Neel MC, **Ross-Ibarra J**, Ellstrand NC (2001) Implications of mating patterns for conservation of the endangered plant *Eriogonum ovalifolium* var. *vineum*. AMERICAN JOURNAL OF BOTANY 88: 1214-1222.
Citations: 31