

CURRICULUM VITAE



A. Personal Particulars

Name : Puan Chong Leong
Name in publications : Chong Leong Puan (C.L. Puan)
Gender : Male
Nationality : Malaysian
Address (Office) : Department of Forest Management, Faculty of Forestry,
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B. Academic Qualifications

Institution	Degree	Year graduated
Universiti Putra Malaysia Malaysia	Bachelor of Forestry Science (Parks and Recreation Management)	2001
Universiti Putra Malaysia Malaysia	Master of Science (Wildlife Management)	2005
University of Queensland Australia	Ph.D. (Wildlife Ecology)	2010

C. Employment Records/ Academic Appointments

Temporary secondary school teacher Raja Abdullah Secondary School, Kuala Lumpur, Malaysia	January – April 1998
Research assistant, Faculty of Forestry Universiti Putra Malaysia, Serdang, Malaysia	April – December 2005
Tutor (Ethology/ Wildlife Behaviour) Department of Forest Management, Faculty of Forestry Universiti Putra Malaysia, Serdang, Malaysia	March 2006 – January 2007
Senior Lecturer (Wildlife Ecology) Department of Forest Management, Faculty of Forestry Universiti Putra Malaysia, Serdang, Malaysia	August 2010 – present
Research Fellow Biodiversity Unit, Institute of Bioscience (IBS) Universiti Putra Malaysia, Serdang, Malaysia	March 2014 – present
Postdoctoral Research Fellow Avian Evolution Laboratory, Department of Biological Sciences Faculty of Science, National University of Singapore, Singapore	November 2015 – November 2016
Research Fellow Laboratory of Sustainable Bioresource Management (BIOREM) Institute of Tropical Forestry and Forest Products (INTROP) Universiti Putra Malaysia, Serdang, Malaysia	October 2016 – present

D. Awards, Recognition & Scholarships

1. Timber Management Group Terengganu (KPKKT) Award for best Bachelor of Forestry Science (Parks and Recreation Management) student in 1999/2000
2. Dean's List in Semester May & November 2000/2001 of Bachelor of Forestry Science, Universiti Putra Malaysia
3. Fellowship to pursue M.Sc. in Wildlife Management at Universiti Putra Malaysia, Malaysia under Post-graduate Scheme of Universiti Putra Malaysia, 2001-2003
4. Scholarship to pursue Ph.D. in Behavioural Ecology at University of Queensland, Australia under Public Higher Education Institution Academic Training Scheme of Ministry of Higher Education Malaysia, 2007-2010
5. Excellent Service Award of Universiti Putra Malaysia in 2011
6. Lecturer of Choice Award of Universiti Putra Malaysia in 2013
7. Outstanding Reviewer awarded in January 2015 in recognition of the contributions made to the quality of the journal – Crop Protection by Elsevier, Amsterdam, The Netherlands in cooperation with International Association for the Plant Protection Sciences
8. Recipient of the National Book Award on 2 May 2017 for the best coffee-table book titled Discovering 100 Birds of Universiti Putra Malaysia published by UPM Press

E. Research Interests/ Areas of Specialization

- Raptor Ecology and Migration
- Wildlife Behavioural Ecology
- Bioacoustics
- Bird Population Genetics
- Wildlife Management
- Economic Valuation of Wildlife Resources

F. Research Grants

1. Graduate School Research Travel Grant of AUD\$4,785 from University of Queensland to attend the Raptor Field Techniques Workshop at Linwood Springs Research Station, Stevens Point, Wisconsin.
2. Receiving a donation of radio-telemetry equipment of USD\$1495; transmitter SOPB-2038 (8 units); 3-element Yagi antenna; & receiver TRX-16S (Wildlife Materials, Inc., Illinois) from Idea Wild for the Scops Owls project in Malaysia.
3. Tan Kean Cheong Bird Conservation Memorial Fund of RM9,000 from Malaysian Nature Society (MNS) Perak Branch for research project on Density and Habitat Use of Forest Owls in Malaysia - 2011.
4. Research University Grant Scheme (RUGS) of RM29,800 from Research Management Centre, Universiti Putra Malaysia for research project entitled Density and Habitat Use of Forest Owls in an Isolated Forest in Malaysia - 2011-2014 (Project No.: 03-01-11-1151RU).
5. Fundamental Research Grant Scheme (FRGS) of RM60,000 from Ministry of Higher Education, Malaysia for research project entitled Mapping of Owl Distribution Based on Radio-telemetry: Using Nocturnal Birds as Indicator of Forest Health - 2013-2015 (Project No.: 07-01-13-1184FR).
6. Tan Kean Cheong Bird Conservation Memorial Fund of RM10,000 from Malaysian Nature Society (MNS) Perak Branch for research project on Bulbul Population Genetics - 2016.
7. Putra Grant of RM13,700 from Research Management Centre, Universiti Putra Malaysia for research project entitled Population Genetics of Bulbuls using Next Generation Sequencing in Klang Valley, Selangor - 2016-2018 (Project No. GP-IPS/2015/9468400).

G. Publications

(a) In Peer-reviewed Journals (IF and Quartile as of 19 May 2017)

1. Adila, N., S. Sasidhran, N. Kamarudin, **C.L. Puan** & B. Azhar. *In press*. Effects of peat swamp logging and agricultural expansion on species richness of native mammals in Peninsular Malaysia. *Basic and Applied Ecology* (ISI IF = 1.836, Q2).
2. Subedi, T.R., R. DeCandido, H.S. Baral, S. Gurung, S. Gurung, **C.L. Puan** & M.S. Shahrul Anuar. *In press*. Population structure and consistency of migrating Steppe Eagles in central Nepal, 2012-2014. *Journal of Raptor Research* (ISI IF = 0.775, Q3).
3. Chang, P.K., **C.L. Puan**, S.A. Yee & J. Abu. 2017. Vocal individuality of Large-tailed Nightjar (*Caprimulgus macrurus*) in Peninsular Malaysia. *Bioacoustics*. <http://dx.doi.org/10.1080/09524622.2017.1292408> (ISI IF = 1.364, Q2).
4. Yee, S.A., **C.L. Puan**, P.K. Chang & B. Azhar. 2016. Vocal individuality of Sunda Scops Owl (*Otus lempiji*) in Peninsular Malaysia. *Journal of Raptor Research* 50(4): 379-390 (ISI IF = 0.775, Q3).
5. Nagulendran, K., R. Padfield, S.A. Aziz, A.A. Amir, A.R.A. Rahman, M.A. Latiff, A. Zafir, A.G. Quilter, A. Tan, S. Arifah, N. Awang, N. Azhar, P. Balu, P.C. Gan, N. Hii, M.I.H. Reza, R.I.L. Lavanya, T. Lim, S. Mahendra, D.M. Rayan, S. McGowan, M. Paxton, M. Zakaria, D.M. Salleh, M.T. Abdullah, N.A.N. Ibrahim, **C.L. Puan**, G.R. Clements, I.S.M. Mohamed, L.G. Saw, K. Shashi, E. Sivananthan, D.S.K. Sharma, S. Surin, P. Vanitha, J. Wadey, W.M.W. Hasmah, E.P. Wong, P.M. Wong, C.A. Yeap & A. Campos-Arceiz. 2016. A multi-stakeholder strategy to identify conservation priorities in Peninsular Malaysia. *Cogent Environmental Science* 2(1): 1254078.
6. Yahya, M.S., **C.L. Puan**, B. Azhar, S.N. Atikah & A. Ghazali. 2016. Nocturnal bird composition in relation to habitat heterogeneity in small scale oil palm agriculture in Malaysia. *Agriculture, Ecosystems and Environment* 233: 140-146 (ISI IF = 3.564, Q1).
7. Asmah, S., A. Ghazali, Syafiq, M., M.S. Yahya, L.P. Tan, A.R. Norhisham, **C.L. Puan**, B. Azhar & D. Lindenmayer. 2016. Effects of polyculture and monoculture farming in oil palm smallholdings on tropical fruit-feeding butterfly diversity. *Agricultural and Forest Entomology*. doi: 10.1111/afe.12182 (ISI IF = 1.805, Q1).
8. Syafiq, M., A.R. Nur Atiqah, A. Ghazali, S. Asmah, M.S. Yahya, N. Aziz, **C.L. Puan** & B. Azhar. 2016. Responses of tropical fruit bats to monoculture and polyculture farming in oil palm smallholdings. *Acta Oecologica* 74: 11-18 (ISI IF = 1.420, Q3).
9. Ghazali, A., S. Asmah, M. Syafiq, M.S. Yahya, N. Aziz, L.P. Tan, A.R. Norhisham, **C.L. Puan**, E.C. Turner & B. Azhar. 2016. Effects of monoculture and polyculture farming in oil palm smallholdings on terrestrial arthropod diversity. *Journal of Asia-Pacific Entomology* 19(2): 415-421 (ISI IF = 0.824, Q3).
10. Aida, N., S. Sasidhran, N. Kamarudin, N. Aziz, **C.L. Puan** & B. Azhar. 2016. Woody trees, green space and park size improve avian biodiversity in urban landscapes of Peninsular Malaysia. *Ecological Indicators* 69: 176-183 (ISI IF = 3.190, Q1).
11. Sasidhran, S., N. Adila, M.S. Hamdan, L.D. Samantha, N. Aziz, N. Kamarudin, **C.L. Puan**, E. Turner & B. Azhar. 2016. Habitat occupancy patterns and activity rate of native mammals in tropical fragmented peat swamp reserves in Peninsular Malaysia. *Forest Ecology and Management* 363: 140-148 (ISI IF = 2.826, Q1).
12. Najmi-Hanis, Z., **C.L. Puan**, M. Zakaria & B. Azhar. 2016. Home range and activity patterns of Sunda Scops Owl in Peninsular Malaysia. *Raffles Bulletin of Zoology* 64: 28-32 (ISI IF = 0.927, Q3).
13. **Puan, C.L.**, D.L. Yong, B. Azhar, M.H. Phua & K.C. Lim. 2015. Ecological correlations of nocturnal bird assemblages in Malaysian Borneo. *Forktail* 31: 82-86 (ISI IF = 0.123, Q4).
14. Kim, H.-K., M.S. Vega, M. Wahl, **C.L. Puan**, L. Goodrich & K.L. Bildstein. 2015. Relationship between the North Atlantic Oscillation and Spring Migration and Phenology of Broad-winged Hawks *Buteo platypterus* at Hawk Mountain Sanctuary, 1998-2013. *Journal of Raptor Research* 49(4): 471-478 (ISI IF = 0.775, Q3).
15. Azhar, B., **C.L. Puan**, N. Aziz, M. Sainuddin, N. Adila, S. Samsuddin, S. Asmah, M. Syafiq, S.A. Razak, A. Hafizuddin, A. Hawa, S. Jamian. 2015. Effects of in situ habitat quality and landscape characteristics in the oil palm

agricultural matrix on tropical understory birds, fruit bats and butterflies. *Biodiversity and Conservation* 24(12): 3125-3144 (ISI IF = 2.258, Q1).

16. Azhar, B., N. Saadun, **C.L. Puan**, N. Kamarudin, N. Aziz, S. Nurhidayu & J. Fischer. 2015. Promoting landscape heterogeneity to improve the biodiversity benefits of certified palm oil production: evidence from Peninsular Malaysia. *Global Ecology and Conservation* 3: 553-561.
17. Azhar, B., **C.L. Puan**, M. Zakaria, N. Hassan & M. Arif. 2014. Effects of monoculture and polyculture practices in oil palm smallholdings on tropical farmland birds. *Basic and Applied Ecology* 15(4): 336-346 (ISI IF = 1.836, Q2).
18. **Puan, C.L.**, C.A. Yeap, K.C. Lim, A.T. Lim, S.S. Khoo & N. Cheung. 2014. Northbound migration count of raptors at Tanjung Tuan, Peninsular Malaysia: magnitude, timing and flight behavior. *Journal of Raptor Research* 48(2): 162-172 (ISI IF = 0.775, Q3).
19. **Puan, C.L.**, G.S. Baxter, A.W. Goldizen, M. Zakaria & M.N. Hafidzi. 2012. Barn owl predatory behavior and response to prey abundance: towards an ecologically-based agricultural practice. *Ornis Mongolica* 1: 63-66.
20. Manohar, M., E.A.L. Lim, A.G. Arni, S.J. Badariah, N.I. Fatihah, M.Z. Fauzi, J.J. Libes, A. Nursyadiq, R. Munielleswar & **C.L. Puan**. 2012. Review on wildlife value orientation for ecotourism resource management. *Malaysian Forester* 75(1): 1-13.
21. Jambari, A., B. Azahar, N.L. Ibrahim, S. Jamian, A. Hussin, **C.L. Puan**, M.N. Hafidzi, E. Yusof & M. Zakaria. 2012. Avian biodiversity and conservation in Malaysian oil palm production areas. *Journal of Oil Palm Research* 24: 1277-1286 (ISI IF = 0.544, Q4).
22. **Puan, C.L.**, A.W. Goldizen, M. Zakaria & G.S. Baxter. 2011. Understanding of relationships between ground cover and rat abundances: an integrative approach for management of the oil palm agroecosystem. *Crop Protection* 30(10): 1263-1268 (ISI IF = 1.652, Q1).
23. **Puan, C.L.**, A.W. Goldizen, M. Zakaria, M.N. Hafidzi & G.S. Baxter. 2011. Relationships among rat numbers, abundance of oil palm fruit and damage levels to fruit in an oil palm plantation. *Integrative Zoology* 6(2): 130-139 (ISI IF = 1.722, Q1).
24. **Puan, C.L.**, A.W. Goldizen, M. Zakaria, M.N. Hafidzi & G.S. Baxter. 2011. Absence of differential predation on rats by Malaysian barn owls in oil palm plantations. *Journal of Raptor Research* 45(1): 71-78 (ISI IF = 0.775, Q3).
25. Azhar, B., M. Zakaria, E. Yusof & **C.L. Puan**. 2008. Using deterministic sustainability indices for harvesting red junglefowl, *Gallus gallus gallus* (Linnaeus) in Peninsular Malaysia. *Malaysian Forester* 71(2): 159-171.
26. Azhar, B., M. Zakaria, E. Yusof & **C.L. Puan**. 2008. Efficiency of fixed-width transect and line-transect-based distance sampling to survey red junglefowl (*Gallus gallus spadiceus*) in Peninsular Malaysia. *Journal of Sustainable Development* 1(2): 63-73.
27. Azhar, B., M. Zakaria & **C.L. Puan**. 2007. Estimating the island population density and abundance of red junglefowl (*Gallus gallus*): biological indicator for sustainable managed oil palm plantations? *Malayan Nature Journal* 59(4): 281-296.
28. **Puan, C.L.** & M. Zakaria. 2007. Perception of visitors towards the role of zoos: a Malaysian perspective. *International Zoo Yearbook* 41: 226-232.
29. **Puan, C.L.**, A.G. Awang Noor, M. Zakaria, M.N. Khamurudin & M. Abdullah. 2006. Economic valuation on protected area: towards bridging the gaps between scientific findings and environmental policy. *Journal of Wildlife and Parks* 23: 91-99.
30. Azhar, B., E. Yusof, M. Zakaria & **C.L. Puan**. 2006. Microclimatic changes and vegetation structure in forest edge: the case of Krau Wildlife Reserve, Pahang. *Malaysian Forester* 69(2): 131-137.
31. Zakaria, M., **C.L. Puan** & S. Wong. 2006. Comparison of non-volant small mammal composition in primary and logged-over forest of Sungai Lalang Forest Reserve, Selangor. *Malaysian Forester* 69(2): 139-144.
32. **Puan, C.L.** & M. Zakaria. 2006. Willingness-to-pay for the protection of a bird sanctuary: perspectives from birdwatchers and non-birdwatchers. *Malayan Nature Journal* 59(1): 81-92.

33. Zakaria, M., **C.L. Puan** & Y. Muhammad Ezhar. 2005. Comparison of species composition in three forest types: towards using bird as indicator of forest ecosystem health. *Journal of Biological Sciences* 5(6): 734-737.
 34. **Puan, C.L.**, M. Zakaria, A.G. Awang Noor & M. Abdullah. 2005. Contingent valuation of a Malaysian highland forest: non-market benefits accrued to local residents. *Journal of Applied Sciences* 5(5): 916-919.
 35. **Puan, C.L.**, M. Zakaria, A.G. Awang Noor & M. Abdullah. 2004. Valuing the opportunities of wildlife-based recreation in Fraser's Hill as support for nature conservation. *Journal of Biological Sciences* 4(5): 598-604.
- (b) Published abstract
36. Zakaria, M., **C.L. Puan** & Y. Muhammad Ezhar. 2006. Understorey bird species as indicators of tropical forest ecosystem health. *Journal of Ornithology* 147(5) Suppl. 1: 113-114. 24th International Ornithological Congress, Hamburg, Germany.
- (c) Books
37. Yahya, M.S., **C.L. Puan**, Z. Ishak, S.S. Ibrahim, S.N. Atikah & M. Zakaria. 2017. *Discovering 100 Birds of Universiti Putra Malaysia*. Universiti Putra Malaysia Press, Serdang.
 38. **Puan, C.L.** 2013. *Integrating Ecology into Rodent Pest Management in Oil Palm Agroecosystem*. Universiti Putra Malaysia Press, Serdang.
 39. Zakaria, M., **C.L. Puan** & C.A. Yeap. 2008. *A Photographic Guide to Birds of Ayer Hitam Forest Reserve, Selangor*. Universiti Putra Malaysia Press, Serdang.
- (d) Book chapters
40. **Puan, C.L.**, M. Zakaria, A.G. Awang Noor & M. Abdullah. 2006. Conservation Value of Highland Protected Area: The Case of Fraser's Hill, Malaysia. In O. Sahir, Y. Siti Hawa, E. Sivananthan, M.N. Shukor, A. Norhayati & M.S. Shahrul Anuar (Eds.). *Management and Status of Resources in Protected Areas of Peninsular Malaysia, 1st Protected Areas Series*. Department of Wildlife and National Parks (PERHILITAN) Peninsular Malaysia, Kuala Lumpur. pp. 11-25.
 41. Shahrul Anuar, M.S., M.N. Shukor, M. Nor Zalipah, E. Nurul 'Ain, Yusof Ahmad, A. Rahim, **C.L. Puan**, O. Yusuf, A. Nazri & S. Kalimuthu. 2005. Bird Survey of Gunung Stong Permanent Forest Reserve. In M.I. Shahrudin, H.T. Dahalan, S. Abdullah Sani, M.S. Jalil, I. Faridah-Hanum & A. Latiff (Eds.). *Taman Negeri Gunung Stong, Kelantan: Pengurusan, Persekitaran Fizikal, Biologi dan Sosio-ekonomi, 5th Forest Biological Diversity Series*. Forestry Department of Peninsular Malaysia, Kuala Lumpur. pp. 215-226.
- (e) Proceedings
42. Nagalingam, P., S.M.A. Babjee, J. Abu & **C.L. Puan**. 2014. Diversity of Parasites in Barn Owls (*Tyto alba*) in Bukit Cheraka Oil Palm Estate, Kuala Selangor, Malaysia. In R. Abdullah et al. (Eds.). 9th Proceedings of the Seminar on Veterinary Sciences, Faculty of Veterinary Medicine, Universiti Putra Malaysia, Serdang, 24-28 February. pp. 140-144.
 43. Elnohi, M.Y., A.A. Saleha, A. Jalila, S. Khairani-Bejo, **C.L. Puan**, M.I. Jalo & N. Fauziah. 2013. Wild Birds as a Probable Source of Colonization of *Campylobacter* in Poultry. In L.H. Idris, H.A. Hassim, M.H.M. Noor, M. Mazlan, H. Ahmad, M.H. Bejo & Z. Idrus (Eds.). *Proceedings of World's Poultry Science Association (Malaysia Branch) and World Veterinary Poultry Association (Malaysia Branch) Scientific Conference 2013: Advancing Poultry Production for Food Security*, Faculty of Veterinary Medicine, Universiti Putra Malaysia, Serdang, 30 November-1 December. pp. 130-131.
 44. Zolkanain, N.H., **C.L. Puan**, P. Pilla & M. Zakaria. 2013. Preliminary Estimation of Sunda Scops Owl's Home Range in an Isolated Forest. In F.S. Lai, R. Halis, S.N.A. Bakar, S. Ramachandran & **C.L. Puan** (Eds.). *Proceedings of the International Forestry Graduate Students' Conference 2013: Navigating Knowledge Exchange for Future Excellence*, Universiti Putra Malaysia, Serdang, 2-4 July. pp. 32-35.
 45. Pilla, P., **C.L. Puan**, N.H. Zolkanain & M. Zakaria. 2013. Estimating Density of Sunda Scops Owl Using Call Playback Method. In F.S. Lai, R. Halis, S.N.A. Bakar, S. Ramachandran & **C.L. Puan** (Eds.). *Proceedings of the International Forestry Graduate Students' Conference 2013: Navigating Knowledge Exchange for Future Excellence*, Universiti Putra Malaysia, Serdang, 2-4 July. pp. 41-44.

46. Hassan, S.N.A.S., **C.L. Puan** & B. Azhar. 2013. Preliminary Estimation of Nocturnal Bird Density in Oil Palm Agroecosystem. In F.S. Lai, R. Halis, S.N.A. Bakar, S. Ramachandran & **C.L. Puan** (Eds.). Proceedings of the International Forestry Graduate Students' Conference 2013: Navigating Knowledge Exchange for Future Excellence, Universiti Putra Malaysia, Serdang, 2-4 July. pp. 50-53.
47. Zakaria, M., **C.L. Puan** & S.A. Jamaludin. 2006. Habitat Characteristics of Rufous-winged Flycatcher (*Philentoma pyrholterum*) in the Logged Over Forest of Sungai Lalang Forest Reserve, Semenyih, Selangor. In W. Ratnam, K. Nadarajah, A.S. Norrakiah, M.H. Zeti Azura & M. Ahmad Daman Huri (Eds.). Proceedings of the Eighth National Symposium on Biology: Indigenous Biological Research for National Development, Universiti Kebangsaan Malaysia, Bangi, 5-6 December. pp. 1-4.
48. **Puan, C.L.**, M. Zakaria & A. Badrul. 2006. Owl Species Composition in Isolated and Continuous Forests. In W. Ratnam, K. Nadarajah, A.S. Norrakiah, M.H. Zeti Azura & M. Ahmad Daman Huri (Eds.). Proceedings of the Eighth National Symposium on Biology: Indigenous Biological Research for National Development, Universiti Kebangsaan Malaysia, Bangi, 5-6 December. pp. 1-4.
49. **Puan, C.L.** & M. Zakaria. 2006. Composition of Owl Species (Tytonidae and Strigidae) in Ayer Hitam Forest Reserve, Selangor: A Preliminary Survey. In Proceedings of the Third Life Sciences Postgraduate Conference: Life Sciences: Moving in Synchrony with the Changes in the World, First USM-Penang International Postgraduate Convention: Innovating Research through Scientific and Technological Interchanges, Universiti Sains Malaysia, Penang, 24-27 May.
50. Zakaria, M., **C.L. Puan** & Y. Muhammad Ezhar. 2005. Specialised Avifauna of Peat Swamp Forest in Sungai Bebar, Pahang. In A. Latiff, A.H. Khali, A. Norhayati, M.S. Mohd. Nizam, A.N. Toh & K.G. Savinder (Eds.). Biodiversity Expedition Sungai Bebar, Pekan, Pahang. Summary Findings. PSF Technical Series No. 4. Peat Swamp Forest Project, UNDP/GEF Funded, in collaboration with the Pahang Forestry Department and Universiti Kebangsaan Malaysia. pp. 163-166.
51. Zakaria, M., **C.L. Puan** & Y. Muhammad Ezhar. 2005. Bird as Indicator of Forest Ecosystem Health. In A.R. Sahibin, S. Salmijah, A. Md. Pauzi, S. Abd. Rahim, M.R. Abd. Ghani, W. Ratnam, A.G. Idris, M.Z. Badrul Munir, M.S. Mohd. Nizam, A.A. Kee Alfian & Y.F. Ng (Eds.). Proceedings of the Second Regional Symposium on Environment and Natural Resources: Natural Resource Utilisation and Environmental Preservation: Issues and Challenges, Vol. 1, Universiti Kebangsaan Malaysia, Bangi, 22-23 March. pp. 246-253.
52. **Puan, C.L.**, M. Zakaria, A.G. Awang Noor & M. Abdullah. 2005. Estimating the Non-market Benefits of Montane Forest Protection: A Comparison of On-site Visitors and Off-site Residents. In A.R. Sahibin, S. Salmijah, A. Md. Pauzi, S. Abd. Rahim, M.R. Abd. Ghani, W. Ratnam, A.G. Idris, M.Z. Badrul Munir, M.S. Mohd. Nizam, A.A. Kee Alfian & Y.F. Ng (Eds.). Proceedings of the Second Regional Symposium on Environment and Natural Resources: Natural Resource Utilisation and Environmental Preservation: Issues and Challenges, Vol. 2, Universiti Kebangsaan Malaysia, Bangi, 22-23 March. pp. 326-330.
53. **Puan, C.L.** & M.F. Chuang. 2004. Comparison of Insect Diversity and Abundance on Different Tree Barks. In R.D. Harrison (Ed.). Proceedings of the International Field Biology Course 2004, Lambir Hills National Park, Sarawak, 15 July-14 August. pp. 81-86.
54. **Puan, C.L.**, A.S. Siti Nurasmah & A. Ushihara. 2004. Comparison of Fruit Syndromes among Figs. In R.D. Harrison (Ed.). Proceedings of the International Field Biology Course 2004, Lambir Hills National Park, Sarawak, 15 July-14 August. pp. 30-33.
55. **Puan, C.L.**, A.S. Siti Nurasmah & A. Ushihara. 2004. Tenom Agricultural Park and Gardens. In R.D. Harrison (Ed.). Proceedings of the International Field Biology Course 2004, Lambir Hills National Park, Sarawak, 15 July-14 August. pp. 25.
56. **Puan, C.L.**, A.S. Siti Nurasmah & A. Ushihara. 2004. Rafflesia Centre. In R.D. Harrison (Ed.). Proceedings of the International Field Biology Course 2004, Lambir Hills National Park, Sarawak, 15 July-14 August. pp. 25.
57. **Puan, C.L.**, M. Zakaria, A.G. Awang Noor & M. Abdullah. 2004. Environmental Attitudes and Willingness-To-Pay for Highland Conservation: The Case of Fraser's Hill, Malaysia. In S.S. Lee, H. Aminah, H. Norini, S.C. Lim & H.F. Lim (Eds.). Proceedings of the Conference on Forestry and Forest Products Research (CFFPR 2003): Forestry for Society, Forest Research Institute Malaysia (FRIM), Kuala Lumpur, 6-8 October 2003. pp. 369-384.

(f) Short articles

58. **Puan, C.L.** 2017. Recognizing Individual Birds through Calls: First Acoustic Study on a Malaysian Owl. News and Features of eBird Malaysia. ebird.org/content/malaysia/
59. **Puan, C.L.** 2013. Increasing Records of Sturnidae in Peninsular Malaysia: Possible Expansion of Alien Species. *Suara Enggang* 21(4): 26-31.
60. Azhar, B., **C.L. Puan**, A. Jambari & N.L. Ibrahim. 2010 The Sentinel of the Peat Swamp Forest. *Malaysian Naturalist* 64(2): 14-15.
61. **Puan, C.L.** 2010. Barn Owls. S.W.A.G. Quarterly 1: 5. Publication of Student Wildlife Association of Gatton, University of Queensland.
62. **Puan, C.L.** 2009. Studying Barn Owls in Malaysian Palm Plantations. *World Owl Trust Newsletter* 42: 21.
63. Leadprathom, K. & **C.L. Puan**. 2009. Spying on the Emergence of Night Hunters. *Conservation Malaysia* 10: 1.
64. **Puan, C.L.** 2009. Urban Owls in Malaysia. *Feedback* 41: 14. Publication of Barn Owl Trust (BOT), Devon, UK.
65. **Puan, C.L.** 2009. Wildlife Logged Out. *Malaysian Naturalist* 62(3): 31-39.
66. **Puan, C.L.** 2009. Woodpeckers & Owls (article translated into Thai). *Advanced Thailand Geographic* 117: 77.
67. **Puan, C.L.** 2008. Fake and Fatal. *Malaysian Naturalist* 62(2): 36-37.
68. **Puan, C.L.** & K. Leadprathom. 2008. Woodpeckers and Owls: Mi Casa Su Casa. *Malaysian Naturalist* 62(1): 42-43.
69. **Puan, C.L.** 2008. Malaysia - Jampuk Putih. *Feedback* 39: 8. Publication of Barn Owl Trust (BOT), Devon, UK.
70. **Puan, C.L.** 2007. Croaking Performers. *Malaysian Naturalist* 61(1): 38-41.
71. **Puan, C.L.** & M. Zakaria. 2007. Things That Go Bump in the Night. *Malaysian Naturalist* 60(3): 40-45.
72. **Puan, C.L.** 2006. Tenom Gardens: Assemblage of Floristic Beauties. *Garden Asia* 27: 42-47.
73. **Puan, C.L.** 2006. To Croak or Not To Croak? *Malaysian Naturalist* 60(1): 10-13.
74. **Puan, C.L.** 2005. The Roles of the Modern Ark. *Malaysian Naturalist* 58(4): 18-22.
75. Zakaria, M. & **C.L. Puan**. 2004. Wonders behind the Mist: A Tool to Capture Bird Data. *Malaysian Naturalist* 58(1): 48-49.
76. Zakaria, M. & **C.L. Puan**. 2003. Wildlife in Our Mangrove Forest. *Era Hijau* 2: 14. Penerbit Universiti Putra Malaysia, Serdang.
77. **Puan, C.L.** & S. Lommen. 2003. Trek Up Pine Tree Hill. *Pencinta Alam, Newsletter of the Malaysian Nature Society, Selangor Branch*. January 2003.

(g) Papers & Posters Presented

78. Yee, S.A., **C.L. Puan**, P.K. Chang & B. Azhar. 2015. Vocal Individuality of Sunda Scops Owl (*Otus lempiji*) in Peninsular Malaysia. Paper presented at the 9th ARRCN Symposium 2015: Global Raptor Migration – Better Monitoring for Conservation. 21-25 October, 2015. Novotel Chumphon Beach Resort and Golf, Chumphon, Thailand. Organized by Asian Raptor Research and Conservation Network (ARRCN) and the Flyway Foundation in partnership with Chumphon Province, Tourism Authority of Thailand, Ministry of Tourism and Sports, Kasetsart University, Mahidol University, King Mongkut's University of Technology Thonburi, Kasem Bundit University, the National Institute of Development Administration (NIDA), Thailand Convention and Exhibition Bureau, and the Bird Conservation Society of Thailand (BCST).

79. Yahya, M.S., **C.L. Puan**, B. Azhar, M. Zakaria & S.N. Atikah. 2015. Abundance of Spotted Wood Owl (*Strix seloputo*) in Relation to Environmental Factors in Malaysian Oil Palm Smallholdings. Paper presented at the 9th ARRCN Symposium 2015: Global Raptor Migration – Better Monitoring for Conservation. 21-25 October, 2015. Novotel Chumphon Beach Resort and Golf, Chumphon, Thailand. Organized by Asian Raptor Research and Conservation Network (ARRCN) and the Flyway Foundation in partnership with Chumphon Province, Tourism Authority of Thailand, Ministry of Tourism and Sports, Kasetsart University, Mahidol University, King Mongkut's University of Technology Thonburi, Kasem Bundit University, the National Institute of Development Administration (NIDA), Thailand Convention and Exhibition Bureau, and the Bird Conservation Society of Thailand (BCST).
80. Zakaria, M. & **C.L. Puan**. 2015. Biodiversity Management for Economic Goods and Ecosystem Services. Keynote speech presented at the International Conference on Biodiversity and Conservation 2015 (ICBC 2015). 26-28 May, 2015. Convocation Hall, E-Learning Building, Tanjong Malim, Perak. Organized by Centre of Biodiversity and Conservation, Faculty of Science and Mathematics, Universiti Pendidikan Sultan Idris (UPSI).
81. **Puan, C.L.** 2015. Why Owls? Using Nocturnal Birds to Improve Nature Conservation in Malaysia. Paper presented at the 7th International Global Challenges University Alliance (GCUA) Workshop: Why Wildlife? Global Opportunities and Challenges. 26-29 April, 2015. Swedish University of Agricultural Sciences (SLU), Uppsala, Sweden. Organized by Swedish University of Agricultural Sciences (SLU).
82. **Puan, C.L.** 2013. Relationships among Rodents, Owls, Oil Palm Fruit and Vegetation: The Need of Integrating Ecology into Pest Management in Agroecosystem. Paper presented at the International Seminar on Promoting Environmentally Friendly Agricultural Pest Management. 10-14 November, 2013. Council of Agriculture, Taipei, Taiwan. Organized by Raptor Research Group of Taiwan and Department of Zoology, Tel Aviv University.
83. **Puan, C.L.**, D.L. Yong & K.C. Lim. 2012. Distribution and Conservation Status of Resident Night Birds in Malaysia. Paper presented at the International Ornithological Congress of Southeast Asia (IOCSEA). 27-29 November, 2012. Khao Lak Laguna Resort, Phang Nga, Thailand. Organized by Prince of Songkla University, Ulm University and Harrison Institute.
84. **Puan, C.L.** 2012. Research on Nocturnal Raptors: Challenges and Current Techniques. Paper presented at the Seminar on Malaysian Ornithology: Current Status and Conservation Challenges. 9 July, 2012. Sultan Idris Shah Forestry Education Centre (SISFEC), Ayer Hitam Forest Reserve, Puchong, Selangor. Organized by Faculty of Forestry, Universiti Putra Malaysia; & Malaysian Nature Society (MNS).
85. **Puan, C.L.**, C.A. Yeap, K.C. Lim, A.T. Lim, C.S. Chong & N. Cheung. 2012. Abundance and Migration Timing of Oriental Honey-buzzard: Five Years of Raptor Counts at Tanjung Tuan, Peninsular Malaysia. Paper presented at the 7th ARRCN Symposium on Asian Raptors: Raptor Migration and Conservation in Asia. 13-16 January, 2012. Grace Hill (Ganghwa) and Hantan River Spa Hotel (Cheorwon), Republic of Korea. Organized by Asian Raptor Research and Conservation Network (ARRCN); National Park Research Institute; & Ornithological Society of Korea.
86. **Puan, C.L.** 2011. Using Avian Predators in Biological Control Practice: The Malaysian Experience. Invited paper presented at the Conference on Raptor Pest Control: Future for Cross-border Co-operation. 25-27 October, 2011. Holiday Inn Resort, Dead Sea, Jordan. Organized by Amman Center for Peace and Development; & German Hanns Seidel Foundation.
87. **Puan, C.L.** 2011. Nocturnal Raptors of Malaysia: Conservation Status and Potential Research. Paper presented at the Post ARRCN Seminar – Diurnal and Nocturnal Raptors of Malaysia: Conservation Status and Research. 28 March, 2011. Bilik Jemaah, Faculty of Veterinary Medicine, Universiti Putra Malaysia, Serdang. Organized by Centre for Tropical Animal Production and Disease Studies (CENTRAS), Faculty of Veterinary Medicine, Universiti Putra Malaysia; Asian Raptor Research and Conservation Network (ARRCN); & Malaysian Nature Society (MNS).
88. **Puan, C.L.**, G. Baxter, A.W. Goldizen, M. Zakaria & M.N. Hafidzi. 2010. Owl Predatory Behaviour and Responses to Prey Abundance: Towards an Ecologically-based Agricultural Practice. Paper presented at the Sixth International Conference on Asian Raptors – Asian Raptors: Science and Conservation for Present and Future. 23-27 June, 2010. Ulaanbaatar, Mongolia. Organized by Asian Raptor Research Conservation Network (ARRCN), Mongolian Ornithological Society, National University of Mongolia, Ministry of Nature, Environment and Tourism & Mongolian Academy of Sciences.

89. **Puan, C.L.**, G. Baxter, M.N. Hafidzi, A.W. Goldizen & M. Zakaria. 2008. Relationships between Rodent Abundance, Fruit Density and Damage: Towards Understanding of Numerical and Functional Responses in a Plantation System. Paper presented at the Seventh International Conference on Plant Protection in the Tropics: Update on GAP in IPM. 27-29 August, 2008. Nikko Hotel, Kuala Lumpur, Malaysia. Organized by Malaysian Plant Protection Society (MAPPS).
90. Humam, M., M.N. Hafidzi & **C.L. Puan**. 2008. Evidence of Functional and Numerical Response of Barn Owl, *Tyto javanica*, to Rat Abundance. Poster presented at the Seventh International Conference on Plant Protection in the Tropics: Update on GAP in IPM. 27-29 August, 2008. Nikko Hotel, Kuala Lumpur, Malaysia. Organized by Malaysian Plant Protection Society (MAPPS).
91. Lee, S.Y., M. Zakaria, M.N. Hafidzi & **C.L. Puan**. 2008. Abundance of Rats (*Rattus* spp.) in Relation to Fruit Bunch Damage in Oil Palm Plantation. Poster presented at the Seventh International Conference on Plant Protection in the Tropics: Update on GAP in IPM. 27-29 August, 2008. Nikko Hotel, Kuala Lumpur, Malaysia. Organized by Malaysian Plant Protection Society (MAPPS).
92. **Puan, C.L.** & M. Zakaria. 2007. Distribution and Conservation Status of Owls in Malaysia. Paper presented at the World Owl Conference 2007: Owls, Ambassadors for the Protection of Nature in Their Changing Landscapes. 31 October-4 November, 2007. Martiniplaza, Groningen, Netherlands. Organized by Birdlife the Netherlands, Center for Biological Diversity - Global Owl Project (GLOW) & World Owl Trust.
93. Zakaria, M., **C.L. Puan** & Y. Muhammad Ezhar. 2005. In Search of Montane Bird Species in Gunung Jerai, Kedah. Paper presented at the Seminar on Biological Diversity Scientific Expedition to Gunung Jerai Forest Reserve, Kedah. 27-29 November, 2005. Swiss Inn Hotel, Sungai Petani, Kedah, Malaysia. Organized by Kedah State Government, Forestry Department of Peninsular Malaysia and Kedah & Universiti Kebangsaan Malaysia.
94. Zakaria, M., **C.L. Puan** & Y. Muhammad Ezhar. 2005. Bird as Indicator of Forest Ecosystem Health. Poster presented at the Symposium on Tropical Rainforest Rehabilitation and Restoration: Existing Knowledge and Future Directions. 26-28 July, 2005. Shangri-La's Tanjung Aru Resort, Kota Kinabalu, Sabah, Malaysia. Organized by Yayasan Sabah, World Wide Fund for Nature Malaysia (WWF), Sabah Forestry Department & Food and Agriculture Organization of the United Nations (FAO).
95. Zakaria, M., **C.L. Puan** & Y. Muhammad Ezhar. 2005. Fauna of Ayer Hitam Forest Reserve, Puchong, Selangor. Poster presented during the 34th World Forestry Day Celebrations, Selangor State Level 2005. 28 April, 2005. Ayer Hitam Forest Reserve, Puchong, Selangor. Organized by Selangor Forestry Department & Faculty of Forestry, Universiti Putra Malaysia.
96. Zakaria, M., **C.L. Puan** & Y. Muhammad Ezhar. 2005. Bird as Indicator of Forest Ecosystem Health. Poster presented at the Exhibition of Invention, Research & Innovation UPM 2005. 16-18 March, 2005. Faculty of Forestry, Universiti Putra Malaysia. Organized by Research Management Centre, Universiti Putra Malaysia.
97. **Puan, C.L.**, M. Zakaria, A.G. Awang Noor & M. Abdullah. 2005. Estimating the Conservation Value of Fraser's Hill, Pahang Using Contingent Valuation Method. Poster presented at the Exhibition of Invention, Research & Innovation UPM 2005. 16-18 March, 2005. Faculty of Forestry, Universiti Putra Malaysia. Organized by Research Management Centre, Universiti Putra Malaysia.

H. Academic & Non-academic Lectures

1. **Puan, C.L.** 2006. Introduction to Wildlife and Wildlife Methods. Dendrology and Mensuration Camp, 12-21 December 2006, Ayer Hitam Forest Reserve, Puchong, Selangor.
2. **Puan, C.L.** 2011. (1) Diurnal Wildlife and Survey Methods, & (2) Nocturnal Wildlife and Survey Methods. Forest Camp 2011, 9-22 May 2011, Ayer Hitam Forest Reserve, Puchong, Selangor.
3. **Puan, C.L.** 2011. Nocturnal Wildlife and Survey. Study Trip of Biology Unit, Center for Foundation in Science Studies, Cyberjaya University College of Medical Sciences, Cyberjaya, 17-18 June 2011, Ayer Hitam Forest Reserve, Puchong, Selangor.
4. **Puan, C.L.** 2011. Detecting Nocturnal Animals. Wildlife Camp 2011, 14-18 November 2011, Sultan Idris Shah Forestry Education Centre (SISFEC), Ayer Hitam Forest Reserve, Puchong, Selangor.

5. **Puan, C.L.** 2011. (1) Research Methods and Experimental Design, & (2) Sampling Methods and Data Analysis. Biannual Workshop for Final Year Degree Students' Project. Faculty of Forestry, Universiti Putra Malaysia, Serdang.
6. **Puan, C.L.,** C.A. Yeap, K.C. Lim, A.T. Lim, C.S. Chong & N. Cheung. 2012. Abundance and Migration Timing of Oriental Honey-buzzard: Five Years of Raptor Counts at Tanjung Tuan, Peninsular Malaysia. Biweekly Forestry Talk, 16 March 2012, Faculty of Forestry, Universiti Putra Malaysia, Serdang.
7. **Puan, C.L.** 2012. Birds and Birding: Listen, Watch and Share! Student Exchange Programme of International Veterinary Students' Association (IVSA), University of Pretoria, South Africa, 18 July 2012, Faculty of Veterinary Medicine, Universiti Putra Malaysia, Serdang.
8. **Puan, C.L.** 2012. Nocturnal Raptors of Malaysia: From Natural to Agricultural Habitats. Raptor Research Group of Taiwan Seminar Series, 25 August 2012, TiMAMA Bakery & Café, Neihu District, Taipei, Taiwan.
9. **Puan, C.L.** 2012. Thinking Like an Owl: Why Should We Protect These Nocturnal Hunters? Invited talk by Malaysian Nature Society, 9 October 2012, Malaysian Nature Society Auditorium, Kuala Lumpur.
10. **Puan, C.L.** 2012. Fauna Detective: Listen, Watch and Share! Nature Education Camp (KEMPAS) 2012. 22 November 2012, Sungai Sireh Homestay, Tanjung Karang, Kuala Selangor.
11. **Puan, C.L.** 2013. Diet Analysis: Non-parametric Tests. Weekly Statistical Seminar for Conservation Science Internship Program at Hawk Mountain Sanctuary. 13 June 2013, Acopian Center for Conservation Learning, Hawk Mountain Sanctuary, Orwigsburg, Pennsylvania.
12. **Puan, C.L.** 2013. Owls: Hunters of the Night. Kenyir Bird and Nature Quest Seminar. 23-24 August 2013, Kenyir Lake Resort, Terengganu.
13. **Puan, C.L.** 2013. Owls and Related Research in Malaysia. Expert Lecture Series 2. 27 September 2013. Auditorium, Department of Wildlife and National Parks Headquarters, Kuala Lumpur.
14. **Puan, C.L.** 2013. Studying Wildlife and Survey Methods. Nature Education Camp 2013, 23-30 November 2013. Ayer Hitam Forest Reserve, Puchong, Selangor.
15. **Puan, C.L.** 2014. Hawk Mountain Sanctuary: Story from a Trainee. Invited talk by Malaysian Nature Society, 17 July 2014, Malaysian Nature Society Auditorium, Kuala Lumpur.
16. **Puan, C.L.** 2014. Diversity and Vocalization of Malaysian Owls. Invited talk by Zoologico Club, Faculty of Veterinary Medicine during Zoologico Week - Nocturnal Animals: The Eyes in the Dark. 3-15 November 2014. Auditorium, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia, Serdang
17. **Puan, C.L.** 2014. Studying Diurnal Wildlife and Survey Methods. Nature Education Camp 2014, 28 November-4 December 2014. Ayer Hitam Forest Reserve, Puchong, Selangor.
18. **Puan, C.L.** 2014. Introduction to Nocturnal Animals of Ayer Hitam Forest Reserve. Wildlife Camp 2014, 19-21 December 2014, Ayer Hitam Forest Reserve, Puchong, Selangor.
19. **Puan, C.L.** 2015. Diversity and Conservation of Malaysian Wildlife. Biology Educational Trip of Biology Unit, Center for Foundation in Science, Languages and General Studies, Cyberjaya University College of Medical Sciences, Cyberjaya, 28-29 March 2015, Ayer Hitam Forest Reserve, Puchong, Selangor.
20. **Puan, C.L.** 2015. One Health: Wildlife, Human and Environment. Biology Educational Trip of Biology Unit, Center for Foundation in Science, Languages and General Studies, Cyberjaya University College of Medical Sciences, Cyberjaya, 25 & 28 May 2015, Ayer Hitam Forest Reserve, Puchong, Selangor.
21. **Puan, C.L.** 2015. Nocturnal Birds of Ayer Hitam Forest Reserve. Owl watching workshop organized by Zoologico Club, Faculty of Veterinary Medicine. 18 September 2015. Sultan Idris Shah Forestry Education Centre (SISFEC), Ayer Hitam Forest Reserve, Puchong, Selangor.
22. **Puan, C.L.** 2015. One Health: Solving Complex Problems Affecting Health and Conservation. Biology Educational Trip of Biology Unit, Center for Foundation in Science, Languages and General Studies, Cyberjaya University College of Medical Sciences, Cyberjaya, 15 & 20 October 2015, Ayer Hitam Forest Reserve, Puchong, Selangor.

23. **Puan, C.L.** 2016. Prioritizing Species in Conservation: Should We Do It in Asia? ASEAN University Forest Network 2016 programme organized by Faculty of Forestry, Universiti Putra Malaysia, 21 November 2016, Ayer Hitam Forest Reserve, Puchong, Selangor.
24. **Puan, C.L.** 2016. Human and Ecosystem Health: Interconnections and Implications. 4th Biology Educational Trip of Biology Unit, Center for Foundation Studies, Cyberjaya University College of Medical Sciences, Cyberjaya, 15 & 22 November 2016, Ayer Hitam Forest Reserve, Puchong, Selangor.
25. **Puan, C.L.** 2017. Scientific Writing - Writing Your Results: Why? What? How? Workshop for Final Year Degree Students' Project. Faculty of Forestry, Universiti Putra Malaysia, Serdang.
26. **Puan, C.L.** 2017. Eerie, Scary or Otherwise? Insights into the Calls of the Malaysian Owls. 'Wild Wildlife with Kanchil and Friends' event organized by the Malaysian Heritage and History Club (MHHC), 18 March 2017, Badan Warisan Malaysia, Kuala Lumpur.
27. **Puan, C.L.** 2017. Owl and Their Nocturnal Allies Identification. 1st National Tiger Survey Field Training Workshop organized by the Pertubuhan Pelindung Alam Malaysia and Department of Wildlife and National Parks Malaysia, 11-13 May 2017, Paya Indah Wetlands, Dengkil.

I. Teaching Experiences

1. FHL3309 Biodiversity Assessment – a 3-credit undergraduate course at Faculty of Forestry, Universiti Putra Malaysia, Serdang.
2. FHU3201 Forestry Science – a 3-credit undergraduate course at Faculty of Forestry, Universiti Putra Malaysia, Serdang.
3. FHU3205 Quantitative Methods in Forestry – a 3-credit undergraduate course at Faculty of Forestry, Universiti Putra Malaysia, Serdang.
4. FHP4103 Biodiversity and Conservation – a 3-credit course at both undergraduate and postgraduate levels at Faculty of Forestry, Universiti Putra Malaysia, Serdang.

J. Supervision of Postgraduate Students (Completed)

Name	Thesis title	Viva Voce date	Role
Phillcaine Anak Pilla (Master's degree)	Estimating Sunda Scops Owl (<i>Otus lempiji</i>) Density Based on Distance Sampling and Call Playback in Ayer Hitam Forest Reserve, Selangor, Malaysia	3 February 2016	Co-supervisor
Nurul Aida Zainudin (Master's degree)	Avian Species Richness, Abundance and Habitat Relationships in Urban Parks in Kuala Lumpur and Selangor	19 August 2016	Co-supervisor
Siti Asmah Muslim (Master's degree)	An Ecological Study of Tropical Butterflies in Monoculture and Polyculture Agro-ecosystem	22 August 2016	Co-supervisor
Amal Ghazali Nasron (Master's degree)	Diversity of Arthropod Soil Dweller in Relation to Monoculture and Polyculture Practices in Oil Palm Smallholdings in Selangor	23 August 2016	Co-supervisor
Sasidhran Selvadurai (Master's degree)	Habitat Use of Native Mammals in Peat Swamp Reserves of Malaysia	8 September 2016	Co-supervisor
Yee Siew Ann (Master's degree)	Vocal Individuality of Sunda Scops Owl (<i>Otus lempiji</i> Horsfield, 1821), Brown Boobook (<i>Ninox scutulata</i> Raffles, 1822) and Spotted Wood Owl (<i>Strix seloputo</i> Horsfield, 1871) in Peninsular Malaysia	27 December 2016	Main supervisor

Chang Phooi Kuan (Master's degree)	Vocal Individuality of Large-tailed Nightjar (<i>Caprimulgus macrurus</i> Horsfield, 1821) in Peninsular Malaysia	10 January 2017	Main supervisor
Muhammad Syafiq Yahya (Master's degree)	Assemblages of Nocturnal Birds in Oil Palm Smallholdings in Selangor, Malaysia	17 March 2017	Main supervisor
Nurfatin Adila Md Rashid	Large-sized Mammal Species of North Selangor Peat Swamp Forest and Their Responses to Habitat Quality and Anthropogenic Disturbances	5 April 2017	Co-supervisor
Sharifah Nur Atikah Syed Hassan	Estimating Nocturnal Bird Densities in Oil Palm Agroecosystem Based On Call Playbacks	20 April 2017	Co-supervisor
Muhamad Syafiq Che Shaffine	Megachiropteran Diversity Patterns and Processes in Oil Palm Production Landscape	4 May 2017	Co-supervisor

K. Training & Courses Attended

1. Practical training at Malacca Zoo, Malaysia (18 October 1999-13 November 1999)
2. Practical training at National Zoo, Malaysia (27 March 2000-22 April 2000)
3. Training Course on Economic Valuation of Forest and Environmental Resources, 21-25 April 2003, Forestry Training Unit, Kepong. Organized by Institute of Foresters Malaysia (IRIM)
4. International Field Biology Course 2004, 15 July-14 August 2004, Lambir Hills National Park, Sarawak. Organized by Center for Tropical Forest Science - Arnold Arboretum Asia Program (CTFS-AA) & Sarawak Forestry Corporation
5. Wildlife Monitoring and Inventory Course (Birds and Mammals), 13-15 September 2005, Rainforest Academy, Universiti Putra Malaysia, Serdang. Organized by Rainforest Academy, Faculty of Science & Faculty of Forestry, Universiti Putra Malaysia
6. Short Course on Geographic Information System (GIS), Second Level, 19-23 June 2006, National Land and Survey Institute (INSTUN), Tanjung Malim. Organized by Malaysian Centre for Geospatial Data Infrastructure (MaCGDI) with cooperation of Department of Geoinformatics, Faculty of Geoinformation Science and Engineering, Universiti Teknologi Malaysia
7. Training for Educators on Experiential Learning in Kota Damansara Community Forest Park, 11-12 November 2006, Kota Damansara, Petaling Jaya. Organized by Friends of Kota Damansara & Malaysian Nature Society. Sponsored by Global Environment Facility (GEF) Small Grants Programme
8. Raptor Field Techniques Workshop, 12-15 October 2009, Stevens Point, Wisconsin. Organized by Linwood Springs Research Station, with additional of an eight-day (16-23 October, 2009) of raptor trapping and banding training
9. Field Raptor Identification Course 2012, 19-21 October 2012, Nanaburi Hotel and Khao Dinsor, Chumphon, Thailand. Organized by Kasetsart University Faculty of Veterinary Medicine, Asian Raptor Research and Conservation Network (ARRCN), Tourism Authority of Thailand, Chumphon Raptor Center, and Thai Raptor Group.
10. Conservation Science Internship Program, 12 March-2 July 2013, Acopian Center for Conservation Learning, Orwigsburg, Pennsylvania. Organized by Hawk Mountain Sanctuary, with additional of a three-day (25-28 May, 2013) training on shorebird identification and re-sighting at Delaware Bay, New Jersey.
11. Camera Trapping Workshop. 29 June 2016, National University of Singapore. Organized by Association for Tropical Biology and Conservation (ATBC) following the Conservation Asia 2016 meeting.
12. Workshop on Wildlife Study Design and Data Analysis "Boot Camp", 4-15 July 2016, National University of Singapore. Organized by Association for Tropical Biology and Conservation (ATBC) and Biodiversity Conservation Society Sarawak (BCSS) following the Conservation Asia 2016 meeting.

13. Workshop on Modelling Biological Communities: Multi-Species Occupancy Modelling with R and JAGS, 12-18 January 2017, Akademi Hevea, Malaysian Rubber Research Institute, Sungai Buloh. Organized by Biodiversity Conservation Society Sarawak (BCSS).

L. Professional Memberships/ Affiliations

1. Research Associate of the Global Owl Project (GLOW) – Since 2006
2. Overseas representative (Malaysia) for the World Owl Trust (WOT) – Since 2008
3. Malaysian representative and member of the Asian Raptor Research and Conservation Network (ARRCN) – Since 2016 and 2010, respectively
4. Committee member of Bird Conservation Council, Malaysian Nature Society – Since 2017
5. Member of the Malaysian Nature Society (MNS) – Since 2002
6. Member of the American Association for the Advancement of Science (AAAS) – 2007-2008
7. Member of Oriental Bird Club (OBC) – 2012-2016
8. Member of Hawk Mountain Sanctuary – 2013-2014
9. Member of Raptor Study Group (RSG), Malaysian Nature Society – Since 2014
10. Member of Global Challenges University Alliance (GCUA: Wildlife) – Since 2015
11. Member of Wild Bird Club, Malaysia – Since 2016

M. Professional/ Consultancy Services

1. Assistant in fauna survey, 18-19 February 2003, and preparation of Environmental Impact Assessment (EIA) report (Biological Environment) of IPP/ Maritime Terminal Development at the Pulau Bunting, Kedah Darul Aman.
2. Assistant in fauna survey, 22-26 July 2005, and preparation of Detailed Environmental Impact Assessment (DEIA) report of Pos Batau-Lembah Bertam Road Project Implementation, Package 4: Kampung Susu/ Sungai Bertam to Ringlet, Pahang.
3. Assistant in fauna survey, 15-17 June 2006, and preparation of Environmental Impact Assessment (EIA) report of East Coast Expressway, Phase 2: Jabor/ Baluk Forest Reserve - Bukit Bauk Forest Reserve - Jerangau Forest Reserve, Terengganu.
4. Consultant in fauna survey, 12-19 August 2011, and preparation of Wildlife Management Plan for a proposed rubber forest plantation on 1784.70-hectare of land in Mukim Sembrong, District of Mersing, Johore. Report prepared for Department of Wildlife and National Parks, Johore state, dated January 2012.
5. Consultant in fauna survey, 27-30 January 2012, and preparation of Wildlife Management Plan as part of Forest Management Plan for the proposed rubber forest plantation on 100-acre of land in Mukim Lenga, District of Muar, Johore. Report prepared for Economic Planning Unit (UPEN) of Johor state, dated February 2012.
6. Principal consultant in Biodiversity Assessment (Fauna and Flora) Project, January-May 2014, at Veolia Water JV Hatimuda's Sungai Terip Water Treatment Plant, Jekebu, Negeri Sembilan. Report prepared for Veolia Water (Malaysia) Holding Sdn. Bhd., dated May 2014.
7. Project leader in project on Economic Valuation of Ecosystem Products and Services of Bukit Sungai Seputeh Forest Reserve (Fauna Section), January-February 2015, at Bukit Sungai Seputeh Forest Reserve, Cheras, Kuala Lumpur. Report prepared for Projek Lintasan Kota Holdings Sdn. Bhd. (Prolintas), and Forestry Department of Peninsular Malaysia, dated May 2015.

8. Reviewer for peer-reviewed journals:

- Current Issues in Tourism – Since 2008
- Crop Protection – Since 2011
- Malaysian Forester – Since 2011
- Journal of Oil Palm Research – Since 2013
- Raffles Bulletin of Zoology – Since 2015
- Agriculture, Ecosystems and Environment – Since 2016
- Asian Journal of Geoinformatics – Since 2017
- Journal of Tropical Agricultural Science – Since 2017

N. Teaching/ Technical Contributions

1. Facilitator and demonstrator of undergraduates' practical work for wildlife management courses in Faculty of Forestry, Universiti Putra Malaysia (Diploma: FHU2207 Recreation and Wildlife Management; FHU2211 Wildlife Management and Protection; Degree: FHL3301 Wildlife Management) – 2001-2006.
2. Instructor of Environmental Games Module (Flora and Fauna) for Forest Camp 2006 (FHS3901) participated by 1st year undergraduates of Bachelor of Forestry Science program. Ayer Hitam Forest Reserve, Puchong, Selangor. 8-21 May 2006. Organized by Faculty of Forestry, Universiti Putra Malaysia.
3. Instructor (Wildlife Module) for the United Nations Educational Scientific Cultural Organization (UNESCO) Club Annual Camp 2006. Teluk Dalam Resort, Pulau Pangkor, Perak. 13-16 August 2006. Organized by Universiti Putra Malaysia & Ministry of Education Malaysia.
4. Teaching staff (Wildlife Module) of the Dendrology and Mensuration Camp for Supporting Staff of Faculty of Forestry, Universiti Putra Malaysia. Ayer Hitam Forest Reserve, Puchong, Selangor. 12-21 December 2006. Organized by Faculty of Forestry, Universiti Putra Malaysia.
5. Camp Deputy Commander and instructor of Bird Study Module for Forest Camp 2011 (FHS4901) participated by 1st year undergraduates of Bachelor of Forestry Science program. Ayer Hitam Forest Reserve, Puchong, Selangor. 9-22 May 2011. Organized by Faculty of Forestry, Universiti Putra Malaysia
6. Field instructor for identification of nocturnal and diurnal birds in the study trip of foundation students of Cyberjaya University College of Medical Sciences. Ayer Hitam Forest Reserve, Puchong, Selangor. 17-18 June 2011. Organized by Biology Unit, Center for Foundation in Science Studies, Cyberjaya University College of Medical Sciences.
7. Field instructor for (1) birdwatching, (2) detection and identification of animal footprints, & (3) making plaster casts of animal footprints. Fauna Bio-exploration Module, Nature Education Camp (KEMPAS) 2011. Ayer Hitam Forest Reserve, Puchong, Selangor. 20-26 November 2011. Organized by Faculty of Forestry, Universiti Putra Malaysia and ExxonMobil.
8. Executive Committee Member of Malaysia-Japan Study Tour 2012: Forest Ecosystem Conservation Program attended by staff and undergraduate students from Hiroshima University. 16-22 September 2012. Organized by Faculty of Forestry, Universiti Putra Malaysia.
9. Field instructor for Fauna Detective Module, Nature Education Camp (KEMPAS) 2012. Ayer Hitam Forest Reserve, Puchong, Selangor. 17-24 November 2012. Organized by Faculty of Forestry, Universiti Putra Malaysia and ExxonMobil.
10. Field instructor for Fauna Module, Nature Education Camp (KEMPAS) 2013. Ayer Hitam Forest Reserve, Puchong, Selangor. 23-30 November 2013. Organized by Faculty of Forestry, Universiti Putra Malaysia and ExxonMobil.
11. Trainer for owl identification and research, 1st National Tiger Survey Field Training Workshop. Paya Indah Wetlands, Dengkil. 11-13 May 2017. Organized by the Pertubuhan Pelindung Alam Malaysia and Department of Wildlife and National Parks Malaysia.
12. Module Writer for SBCB2103 Conservation Biology for Open University Malaysia (OUM) with appointment made in June 2014.

13. Participant in Mini Workshop on Preparation of Agricultural, Forestry and Biodiversity Sub-technical Working Group Biennial Update Reporting (BUR) Series 1/2015. Plaza Hotel, Kuala Lumpur. 25-26 February 2015. Organized by Forestry Department of Peninsular Malaysia and Malaysian Ministry of Natural Resources and Environment (NRE).
14. Participant in Workshop on Revision of Malaysian National Biodiversity Policy 2015-2025. Putrajaya Marriott Hotel, Sepang Utara, Selangor. 8-9 April 2015. Organized by ERE Consulting Group Sdn. Bhd. through Malaysian Ministry of Natural Resources and Environment (NRE).
15. Judge for Alam Shah Science School (ASiS) International Essay and Poetry Writing Competition 2013. Alam Shah Science School, Kuala Lumpur. 14 March-30 June 2013. Organized by Alam Shah Science School (ASiS).
16. Chief Judge for Senior Category of Alam Shah Science School (ASiS) International Essay Writing Competition 2016. Alam Shah Science School, Kuala Lumpur. 24 March-30 June 2016. Organized by Alam Shah Science School (ASiS) and BirdLife International.
17. Chief Arbitrator for the 30th Fraser's Hill International Bird Race. Fraser's Hill, Raub. 25-26 February 2017. Organized by Pahang Tourism, Fraser's Hill Development Corporation of Pahang, Malaysian Nature Society (MNS) and WWF Malaysia.

O. Other Activities

1. Overall winner (at school level) of Three Minute Thesis Competition 2009. 18 August, 2009. Organized by Graduate School, University of Queensland
2. Field assistant of PhD research project of Carissa Free from School of Animal Studies, University of Queensland on small mammal and terrestrial reptile survey at Simpson Desert, central Australia on 7-21 May 2007
3. Volunteer for Sea Turtle Long-term Tagging and Nesting Research Project at Chagar Hutang Beach, Redang Island, Terengganu on 30 May-6 June 2015
4. Participant of Pantii Forest Reserve (Johor) Scientific Expedition. 3-8 August, 2006. Organized by Johor State Government, Forestry Department of Peninsular Malaysia and Johor
5. Participant of Gunung Jerai Forest Reserve (Kedah) Biological Diversity Scientific Expedition. 4-10 Jun, 2005. Organized by Forestry Department of Kedah and Peninsular Malaysia & Universiti Kebangsaan Malaysia
6. Participant of Gunung Stong Forest Reserve (Kelantan) Scientific Expedition. 24-29 May, 2003. Organized by Forestry Department of Kelantan and Peninsular Malaysia, Universiti Kebangsaan Malaysia & Universiti Putra Malaysia
7. Participant of Tasik Pergau (Kelantan) Forest Biodiversity Scientific Expedition. 9-13 December, 2012. Organized by Kelantan State Government and Forestry Department of Kelantan
8. Enumerator of the resident survey on Estimating Conservation and Recreation Value of Ayer Hitam Forest Reserve, Puchong, Selangor Using Contingent Valuation Method. Project under the Twinning Programme: Multipurpose Forestry in Changing Society (Component 3). January-March 2005. Organized by Universiti Putra Malaysia, Forest Research Institute Malaysia (FRIM) & Danish Country Programme for Cooperation in Environment and Development (DANIDA)
9. Enumerator of the visitor survey on Limits of Acceptable Change at Tioman Island Marine Park, Pahang Darul Makmur. 22-28 May 2002. Organized by Maritime Institute of Malaysia (MIMA) & Fisheries Department, Ministry of Agriculture
10. Assistant Treasurer of Forestry Graduate Club (ForGrad), Faculty of Forestry, Universiti Putra Malaysia – 2003/2004
11. Emcee for the Post ARRCN Seminar: Diurnal and Nocturnal Raptors of Malaysia – Conservation Status and Research. 28 March, 2011. Organized by Centre for Tropical Animal Production and Disease Studies (CENTRAS), Faculty of Veterinary Medicine, Universiti Putra Malaysia; Asian Raptor Research and Conservation Network (ARRCN); & Malaysian Nature Society (MNS).
12. Columnist on nature & environmental articles for two mandarin magazines: (1) "Record of Environment" (环境全记录) from June 2008-February 2010, & (2) "Pu-Men" (普门) in 2012.

13. Illustrator for education programs of Zoo Negara Education Centre, National Zoo, Malaysia in 1990s.
14. Committee member of MY Garden Birdwatch, a non-profit annual urban bird survey project conducted by Bird Conservation Council of Malaysian Nature Society – 2013-2016.
15. Press coverage: (1) The Star, Ecowatch Page, 13 September 2011: “Owls Poached for Exotic Meat Market” & “Scoping the Owl”, & (2) The Star, 11 June 2012: “Sanctuary for Research”.
16. Interview for a feature story of CARI Internet Sdn. Bhd. on Malaysian owl research and related topics on 15 October 2016 at Ayer Hitam Forest Reserve, Selangor.