

# CURRICULUM VITAE



## A. BUTIR-BUTIR PERIBADI *(Personal Details)*

Nama Penuh <i>(Full Name)</i>	Puan Chong Leong		Gelaran <i>(Title)</i> : Dr.
	Warganegara <i>(Citizenship)</i> Malaysia	Bangsa <i>(Race)</i> Cina	Jantina <i>(Gender)</i> Male
Jawatan <i>(Designation)</i>	Associate Professor	Tarikh Lahir <i>(Date of Birth)</i>	6 Februari 1977

Alamat Semasa <i>(Current Address)</i>	Jabatan/Fakulti <i>(Department/Faculty)</i>	E-mel dan URL <i>(E-mail Address and URL)</i>
Faculty of Forestry and Environment, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor  Tel: 03-97697853	Department of Forestry Science and Biodiversity, Faculty of Forestry and Environment  Tel: 03-97697853 Fax: 03-97693768	E-mail: chongleong@upm.edu.my  URL: <a href="http://orcid.org/0000-0002-4708-1915">http://orcid.org/0000-0002-4708-1915</a>

## B. KELAYAKAN AKADEMIK *(Academic Qualification)*

Nama Sijil / Kelayakan <i>(Certificate / Qualification obtained)</i>	Nama Sekolah Institusi <i>(Name of School / Institution)</i>	Tahun <i>(Year obtained)</i>	Bidang pengkhususan <i>(Area of Specialization)</i>
Bachelor of Forestry Science	Universiti Putra Malaysia	2001	Parks and Recreation Management
M.Sc.	Universiti Putra Malaysia	2005	Wildlife Management
Ph.D.	University of Queensland	2010	Wildlife Ecology

## C. KEMAHIRAN BAHASA *(Language Proficiency)*

Bahasa / <i>Language</i>	Lemah <i>Poor (1)</i>	Sederhana <i>Moderate (2)</i>	Baik <i>Good (3)</i>	Amat Baik <i>Very good (4)</i>	Cemerlang <i>Excellent (5)</i>
English					√
Bahasa Melayu				√	
Chinese				√	
Lain-lain <i>(other)</i> :					

<b>D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN</b> <i>(Scientific experience and Specialisation)</i>				
<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>	<i>Expertise</i>
Global Owl Project, U.S.A.	Research Associate	2008	Present	Owl Ecology
World Owl Trust, U.K.	Overseas Representative	2010	Present	Owl Ecology and Conservation
Asian Raptor Research Conservation Network, Japan	Research Associate	2010	Present	Raptor Ecology and Migration
Acopian Center for Conservation Learning, Hawk Mountain Sanctuary, U.S.A.	Conservation Science Trainee	12 March 2013	2 July 2013	Raptor Conservation and Migration
Biodiversity Unit, Institute of Bioscience (IBS), UPM	Research Fellow	March 2014	April 2020	Biodiversity Research
Global Challenges University Alliance, Swedish University of Agricultural Sciences, Sweden	Member	2015	Present	Wildlife Conservation and Research
Universiti Pendidikan Sultan Idris (UPSI)	Keynote Speaker	26 May 2015	28 May 2015	Biodiversity Management for Economic Goods and Ecosystem Services
Laboratory of Sustainable Bioresource Management (BIOREM), Institute of Tropical Forestry and Forest Products (INTROP), Universiti Putra Malaysia	Research Fellow	October 2016	July 2019	Wildlife Research
Laboratory of Sustainable Bioresource Management (BIOREM), Institute of Tropical Forestry and Forest Products (INTROP), Universiti Putra Malaysia	Research Associate	July 2019	June 2020	Wildlife Research

<b>E. PEKERJAAN</b> <i>(Employment)</i>				
<i>Majikan / Employer</i>	<i>Jawatan / Designation</i>	<i>Jabatan / Department</i>	<i>Tarikh lantikan / Start Date</i>	<i>Tarikh tamat / Date Ended</i>
UPM	Research Assistant	Department of Forest Management	April 2005	December 2005
UPM	Tutor	Department of Forest Management	Mac 2006	October 2010
UPM	Senior Lecturer	Department of Forest Management	October 2010	Jun 2019
UPM	Associate Professor	Department of Forestry Science and Biodiversity	July 2019	Present

<b>F. ANUGERAH DAN HADIAH</b> <i>(Honours and Awards)</i>				
<i>Name of awards</i>	<i>Title</i>	<i>Award Authority</i>	<i>Award Type</i>	<i>Year</i>
Academic Awards	Terengganu Timber Management Group (KPKKT) Award for best Bachelor of Forestry Science (Parks and	Faculty of Forestry, UPM	Faculty	1999/2000

Recreation Management) student			
Scholarship to pursue Ph.D. under Public Higher Education Institution Academic Training Scheme	Ministry of Higher Education Malaysia	National	2007-2010
Fellowship to pursue M.Sc. under Post-graduate Scheme of UPM	School of Graduate Studies, UPM	University	2001-2003
Dean's List	UPM	University	2000/2001
Anugerah Pensyarah Pilihan	UPM	University	2013
Outstanding Reviewer Award	Elsevier, Amsterdam, The Netherlands in cooperation with International Association for the Plant Protection Sciences	International	2015
National Book Award for the best coffee-table book	Yayasan Pembangunan Buku Negara	National	2017
Best InnoCreative in Transformative Teaching – Transformative Teaching with Interactive Teaching during Putra InnoCreative Carnival in Teaching and Learning 2018 (PicTL'18)	Centre for Academic Development (CADe), Universiti Putra Malaysia	National	2018
Innovator Award in Teaching and Learning during Putra InnoCreative Carnival in Teaching and Learning 2018 (PicTL'18)	Centre for Academic Development (CADe), Universiti Putra Malaysia	National	2018
Gold Medal at Putra InnoCreative Competition during Putra InnoCreative Carnival in Teaching and Learning 2018 (PicTL'18)	Centre for Academic Development (CADe), Universiti Putra Malaysia	National	2018

**G. SENARAI PENERBITAN (Sila masukan nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan) (List of publications – author (s), title, journal, volume, page and year published)**

<i>Journal</i>	<ol style="list-style-type: none"> <li>Syafiq, A.W.N., <b>Puan, C.L.</b>, Ong, S.P., Ng, W.L., Rahim, A.-K.H.A., Nurhaidah, J., &amp; Zakaria, M. <i>In press</i>. Mangrove avifauna in Malaysia: what research in the past 40 years tells us? <i>Malayan Nature Journal</i> 72(4).</li> <li>Murray, K., Soh, M.C.K., <b>Puan, C.L.</b>, Abu Hashim, A.K., Abdul Patah, P., &amp; Peh, K.S.H. 2020. Predation on multiple prey types across a disturbance gradient in tropical montane forests of Peninsular Malaysia. <i>Frontiers in Forests and Global Change</i> 3(80): 1-11.</li> <li>Davison, G.W.H., Boesman, P., Collar, N.J., &amp; <b>Puan, C.L.</b> 2020. Species rank for <i>Rheinardia ocellata nigrescens</i> (Phasianidae). <i>Bulletin of the British Ornithologists' Club</i> 140(2): 182-194.</li> <li>Top, M.M., <b>Puan, C.L.</b>, Chuang, M.-F., Othman, S.N., &amp; Borzée, A. 2020. First record of ultraviolet fluorescence in the Bent-toed Gecko <i>Cyrtodactylus quadrivirgatus</i> Taylor, 1962 (Gekkonidae: Sauria). <i>Herpetology Notes</i> 13: 211-212.</li> <li>Yahya, M.S, <b>Puan, C.L.</b>, Atikah, S.N., &amp; Azhar, B. 2020. Density and diversity of nocturnal birds in oil palm smallholdings in Peninsular Malaysia. <i>Journal of Oil Palm Research</i> 32(1): 57-63.</li> <li>Soh, M.C.K., Mitchell, N.J., Ridley, A.R., Butler, C.W., <b>Puan, C.L.</b>, &amp; Peh, K.S.-H. 2019. Impacts of habitat degradation on tropical montane biodiversity and ecosystem services: a systematic map for identifying future research priorities. <i>Frontiers in Forests and Global Change</i> 2:83.</li> <li>Hanafi, S., <b>Puan, C.L.</b>, Maruthaveeran, S., &amp; Yeong, K.L. 2019. Vocal response of Oriental Magpie Robin (<i>Copsychus saularis</i>) to urban environmental factors in Peninsular Malaysia. <i>Sains Malaysiana</i> 48(10): 2061-2069.</li> <li>Atikah, S.N., Yahya, M.S., <b>Puan, C.L.</b>, Zakaria, M., &amp; Azhar, B. 2019. Can forest-associated nocturnal birds persist in oil palm agroecosystem? <i>Ornithological Science</i> 18(2): 127-134.</li> </ol>
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9. Mohamed-Yousif, I.M, Abdul-Aziz, S., Abu, J., Khairani-Bejo, S., **Puan, C.L.**, Bitrus, A.A., Aliyu, A.B., & Awad, E.A. 2019. Occurrence of antibiotic resistant *Campylobacter* in wild birds and poultry. *Malaysian Journal of Microbiology* 15(2): 143-151.
10. Padfield, R., Hansen, S., Davies, Z.G., Ehrensperger, A., Slade, E.M., Evers, S., Papargyropoulou, E., Bessou, C., Abdullah, N., Page, S., Ancrenaz, M., Aplin, P., Dzulkaffi, S.B., Barclay, H., Chellaiah, D., Choudhary, S., Conway, S., Cook, S., Copeland, A., Campos-Arceiz, A., Deere, N.J., Drew, S., Gilvear, D., Gray, R., Haller, T., Hood, A.S.C., Huat, L.K., Huynh, N., Kangaytkarasu, N., Koh, L.P., Kolandai, S.K., Lim, R.A.H, Yeong, K.L., Lucey, J.M., Luke, S.H., Mitchell, S.L., Montefrio, M.J., Mullin, K., Nainar, A., Nekaris, A.I., Nijman, V., Nunes, M., Nurhidayu, S., O'Reilly, P., **Puan, C.L.**, Ruppert, N., Salim, H., Schouten, G., Tallontire, A., Smith, T.E.L., Tao, H.H., Tham, M.H., Varkkey, H., Wadey, J., Yule, C.M., Azhar, B., Sayok, A.K., Vairappan, C., Bicknell, J.E., & Struebig, M.J. 2019. Co-producing a research agenda for sustainable palm oil. *Frontiers in Forests and Global Change* 2: 13.
11. **Puan, C.L.**, K.L. Yeong, K.W. Ong, M.I.A. Fauzi, M.S. Yahya, & S.S. Khoo. 2019. Influence of landscape matrix on urban bird abundance: evidence from Malaysian citizen science data. *Journal of Asia-Pacific Biodiversity* 12(3): 369-375.
12. Tohiran, K.A., F. Nobilly, T. Maxwell, **C.L. Puan**, M. Zakaria, R. Zulkifli, A. Ashton-Butt, & B. Azhar. 2019. Cattle grazing benefits farmland bird community composition in oil palm plantations. *Ornithological Science* 18(1): 81-94.
13. Yee, S.A., **C.L. Puan**, & P.K. Chang. 2018. Territorial and duet calls of three Malaysian owl species. *Sains Malaysiana* 47(7): 1439-1445.
14. Pilla, P., **C.L. Puan**, V.-C. Lim, B. Azhar & M. Zakaria. 2018. Sunda Scops-Owl density estimation via distance sampling and call playback. *Sains Malaysiana* 47(3): 441-446.
15. **Puan, C.L.**, W.L. Ng, C.S.Y. Yong & A.J. Norehan. 2018. Morphometric sexing of Little Spiderhunter (*Arachnothera longirostra*) in Peninsular Malaysia. *Pertanika Journal of Tropical Agricultural Science* 41(1): 333-340.
16. **Puan, C.L.**, A.J. Norehan, W.L. Ng & C.S.Y. Yong. 2018. Intersexual and interspecific morphometric variations among three sympatric babbler species from Peninsular Malaysia. *Malayan Nature Journal* 70(1): 27-32.
17. Jamaluddin, J., B. Azhar, **C.L. Puan** & N. Kamarudin. 2018. Estimating wildlife occurrence in Peninsular Malaysia. *Malaysian Forester* 81: 55-63.
18. Chang, P.K., **C.L. Puan**, S.A. Yee & J. Abu. 2018. Vocal individuality of Large-tailed Nightjar (*Caprimulgus macrurus*) in Peninsular Malaysia. *Bioacoustics* 27(2): 131-144.
19. Adila, N., S. Sasidhran, N. Kamarudin, **C.L. Puan**, B. Azhar & D.B. Lindenmayer. 2017. Effects of peat swamp logging and agricultural expansion on species richness of native mammals in Peninsular Malaysia. *Basic and Applied Ecology* 22: 1-10.
20. Asmah, S., A. Ghazali, Syafiq, M., M.S. Yahya, T.L. Peng, A.R. Norhisham, **C.L. Puan**, B. Azhar & D. Lindenmayer. 2017. Effects of polyculture and monoculture farming in oil palm smallholdings on tropical fruit-feeding butterfly diversity. *Agricultural and Forest Entomology* 19(1): 70-80.
21. Subedi, T.R., R. DeCandido, H.S. Baral, S. Gurung, S. Gurung, **C.L. Puan** & M.S. Shahrul Anuar. 2017. Population structure and annual migration pattern of Steppe Eagles at Thoolakharka watch site, Nepal, 2012-2014. *Journal of Raptor Research* 51(2): 165-171.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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. In Press. Effects of monoculture and polyculture farming in oil palm smallholdings on terrestrial arthropod diversity. *Journal of Asia-Pacific Entomology*.
27. 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.
28. 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.
29. 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.
30. **Puan, C.L.**, D.L. Yong, B. Azhar, M.H. Phua & K.C. Lim. 2015. Ecological correlations of nocturnal bird

	<p>assemblages in Malaysian Borneo. Forktail 31: 82-86.</p> <p>31. Kim, H.-K., M.S. Vega, M. Wahl, <b>C.L. Puan</b>, L. Goodrich &amp; K.L. Bildstein. 2015. Relationship between the North Atlantic Oscillation and Spring Migration and Phenology of Broad-winged Hawks <i>Buteo platypterus</i> at Hawk Mountain Sanctuary, 1998-2013. <i>Journal of Raptor Research</i> 49(4): 471-478.</p> <p>32. Azhar, B., <b>C.L. Puan</b>, N. Aziz, M. Saimuddin, 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. <i>Biodiversity and Conservation</i> 24(12): 3125-3144.</p> <p>33. Azhar, B., N. Saadun, <b>C.L. Puan</b>, N. Kamarudin, N. Aziz, S. Nurhidayu &amp; J. Fischer. 2015. Promoting landscape heterogeneity to improve the biodiversity benefits of certified palm oil production: evidence from Peninsular Malaysia. <i>Global Ecology and Conservation</i> 3: 553-561.</p> <p>34. Azhar, B., <b>C.L. Puan</b>, M. Zakaria, N. Hassan &amp; M. Arif. 2014. Effects of monoculture and polyculture practices in oil palm smallholdings on tropical farmland birds. <i>Basic and Applied Ecology</i> 15(4): 336-346.</p> <p>35. <b>Puan, C.L.</b>, C.A. Yeap, K.C. Lim, A.T. Lim, S.S. Khoo &amp; N. Cheung. 2014. Northbound migration count of raptors at Tanjung Tuan, Peninsular Malaysia: magnitude, timing and flight behavior. <i>Journal of Raptor Research</i> 48(2): 162-172.</p> <p>36. <b>Puan, C.L.</b>, G.S. Baxter, A.W. Goldizen, M. Zakaria &amp; M.N. Hafidzi. 2012. Barn owl predatory behavior and response to prey abundance: towards an ecologically-based agricultural practice. <i>Ornis Mongolica</i> 1: 63-66.</p> <p>37. Manohar, M., E.A.L. Lim, A.G. Arni, S.J. Badariah, N.I. Fatimah, M.Z. Fauzi, J.J. Libes, A. Nursyadq, R. Munieswar &amp; <b>C.L. Puan</b>. 2012. Review on wildlife value orientation for ecotourism resource management. <i>Malaysian Forester</i> 75(1): 1-13.</p> <p>38. Jambari, A., B. Azahar, N.L. Ibrahim, S. Jamian, A. Hussin, <b>C.L. Puan</b>, M.N. Hafidzi, E. Yusof &amp; M. Zakaria. 2012. Avian biodiversity and conservation in Malaysian oil palm production areas. <i>Journal of Oil Palm Research</i> 24: 1277-1286.</p> <p>39. <b>Puan, C.L.</b>, A.W. Goldizen, M. Zakaria &amp; G.S. Baxter. 2011. Understanding of relationships between ground cover and rat abundances: an integrative approach for management of the oil palm agroecosystem. <i>Crop Protection</i> 30(10): 1263-1268.</p> <p>40. <b>Puan, C.L.</b>, A.W. Goldizen, M. Zakaria, M.N. Hafidzi &amp; G.S. Baxter. 2011. Relationships among rat numbers, abundance of oil palm fruit and damage levels to fruit in an oil palm plantation. <i>Integrative Zoology</i> 6(2): 130-139.</p> <p>41. <b>Puan, C.L.</b>, A.W. Goldizen, M. Zakaria, M.N. Hafidzi &amp; G.S. Baxter. 2011. Absence of differential predation on rats by Malaysian barn owls in oil palm plantations. <i>Journal of Raptor Research</i> 45(1): 71-78.</p> <p>42. Azhar, B., M. Zakaria, E. Yusof &amp; <b>C.L. Puan</b>. 2008. Using deterministic sustainability indices for harvesting red junglefowl, <i>Gallus gallus gallus</i> (Linnaeus) in Peninsular Malaysia. <i>Malaysian Forester</i> 71(2): 159-171.</p> <p>43. Azhar, B., M. Zakaria, E. Yusof &amp; <b>C.L. Puan</b>. 2008. Efficiency of fixed-width transect and line-transect-based distance sampling to survey red junglefowl (<i>Gallus gallus spadiceus</i>) in Peninsular Malaysia. <i>Journal of Sustainable Development</i> 1(2): 63-73.</p> <p>44. Azhar, B., M. Zakaria &amp; <b>C.L. Puan</b>. 2007. Estimating the island population density and abundance of red junglefowl (<i>Gallus gallus</i>): biological indicator for sustainable managed oil palm plantations? <i>Malayan Nature Journal</i> 59(4): 281-296.</p> <p>45. <b>Puan, C.L.</b> &amp; M. Zakaria. 2007. Perception of visitors towards the role of zoos: a Malaysian perspective. <i>International Zoo Yearbook</i> 41: 226-232.</p> <p>46. Zakaria, M., <b>C.L. Puan</b> &amp; Y. Muhammad Ezhar. 2006. Understorey bird species as indicators of tropical forest ecosystem health. <i>Journal of Ornithology</i> 147(5) Suppl. 1: 113-114.</p> <p>47. <b>Puan, C.L.</b>, A.G. Awang Noor, M. Zakaria, M.N. Khamurudin &amp; M. Abdullah. 2006. Economic valuation on protected area: towards bridging the gaps between scientific findings and environmental policy. <i>Journal of Wildlife and Parks</i> 23: 91-99.</p> <p>48. Azhar, B., E. Yusof, M. Zakaria &amp; <b>C.L. Puan</b>. 2006. Microclimatic changes and vegetation structure in forest edge: the case of Krau Wildlife Reserve, Pahang. <i>Malaysian Forester</i> 69(2): 131-137.</p> <p>49. Zakaria, M., <b>C.L. Puan</b> &amp; S. Wong. 2006. Comparison of non-volant small mammal composition in primary and logged-over forest of Sungai Lalang Forest Reserve, Selangor. <i>Malaysian Forester</i> 69(2): 139-144.</p> <p>50. <b>Puan, C.L.</b> &amp; M. Zakaria. 2006. Willingness-to-pay for the protection of a bird sanctuary: perspectives from birdwatchers and non-birdwatchers. <i>Malayan Nature Journal</i> 59(1): 81-92.</p> <p>51. Zakaria, M., <b>C.L. Puan</b> &amp; Y. Muhammad Ezhar. 2005. Comparison of species composition in three forest types: towards using bird as indicator of forest ecosystem health. <i>Journal of Biological Sciences</i> 5(6): 734-737.</p> <p>52. <b>Puan, C.L.</b>, M. Zakaria, A.G. Awang Noor &amp; M. Abdullah. 2005. Contingent valuation of a Malaysian highland forest: non-market benefits accrued to local residents. <i>Journal of Applied Sciences</i> 5(5): 916-919.</p> <p>53. <b>Puan, C.L.</b>, M. Zakaria, A.G. Awang Noor &amp; M. Abdullah. 2004. Valuing the opportunities of wildlife-based recreation in Fraser's Hill as support for nature conservation. <i>Journal of Biological Sciences</i> 4(5): 598-604.</p>
<i>Books/Monographs</i>	<p>1. <b>Puan, C.L.</b>, Davison, G., &amp; Lim, K.L. 2020 <i>Birds of Malaysia: Covering Peninsular Malaysia, Malaysian Borneo &amp; Singapore</i>. Lynx and BirdLife International Field Guides. Lynx Edicions, Barcelona.</p> <p>2. Yahya, M.S., <b>C.L. Puan</b>, Z. Ishak, S.S. Ibrahim, S.N. Atikah &amp; M. Zakaria. 2017. <i>Discovering 100 Birds of Universiti Putra Malaysia</i>. Universiti Putra Malaysia Press, Serdang.</p> <p>3. <b>Puan, C.L.</b>, 2013. <i>Integrating Ecology into Rodent Pest Management in Oil Palm Agroecosystem</i>. Universiti Putra Malaysia Press, Serdang.</p> <p>4. Zakaria, M., <b>C.L. Puan</b> &amp; C.A. Yeap. 2008. <i>A Photographic Guide to Birds of Ayer Hitam Forest Reserve</i>,</p>

	Selangor. Universiti Putra Malaysia Press, Serdang.
<i>Chapter in books</i>	<ol style="list-style-type: none"> <li>1. Shahrul Anuar, M.S., A. Nur Munira, M.A. Mohd Abdul Muin, <b>C.L. Puan</b>, S. Nur Juliani, O. Mohd Yusof &amp; A. Nordin. 2017. Bird Survey of Gunung Basor Forest Reserve, Jeli, Kelantan. In Z, Ibrahim, M.R.C. Abdullah, R.A. Raman, N.D. Abong, S.M. Nordin &amp; A. Latiff (Eds.). Gunung Basor and Tasik Pergau, Kelantan. Forestry Department of Kelantan, Kota Bharu. pp. 230.</li> <li>2. <b>Puan, C.L.</b>, M. Zakaria, A.G. Awang Noor &amp; 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 &amp; M.S. Shahrul Anuar (Eds.). Management and Status of Resources in Protected Areas of Peninsular Malaysia, 1<sup>st</sup> Protected Areas Series. Department of Wildlife and National Parks (PERHILITAN) Peninsular Malaysia, Kuala Lumpur. pp. 11-25.</li> <li>3. Shahrul Anuar, M.S., M.N. Shukor, M. Nor Zalipah, E. Nurul 'Ain, Yusof Ahmad, A. Rahim, <b>C.L. Puan</b>, O. Yusuf, A. Nazri &amp; S. Kalimuthu. 2005. Bird Survey of Gunung Stong Permanent Forest Reserve. In M.I. Shaharuddin, H.T. Dahalan, S. Abdullah Sani, M.S. Jalil, I. Faridah-Hanum &amp; A. Latiff (Eds.). Taman Negeri Gunung Stong, Kelantan: Pengurusan, Persekitaran Fizikal, Biologi dan Sosio-ekonomi, 5<sup>th</sup> Forest Biological Diversity Series. Forestry Department of Peninsular Malaysia, Kuala Lumpur. pp. 215-226.</li> </ol>
<i>Proceedings</i>	<ol style="list-style-type: none"> <li>1. Nagalingam, P., S.M.A. Babjee, J. Abu &amp; <b>C.L. Puan</b>. 2014. Diversity of Parasites in Barn Owls (<i>Tyto alba</i>) in Bukit Cheraka Oil Palm Estate, Kuala Selangor, Malaysia. In R. Abdullah et al. (Eds.). 9<sup>th</sup> Proceedings of the Seminar on Veterinary Sciences, Faculty of Veterinary Medicine, Universiti Putra Malaysia, Serdang, 24-28 February. pp. 140-144.</li> <li>2. Elnohi, M.Y., A.A. Saleha, A. Jalila, S. Khairani-Bejo, <b>C.L. Puan</b>, M.I. Jalo &amp; N. Fauziah. 2013. Wild Birds as a Probable Source of Colonization of <i>Campylobacter</i> in Poultry. In L.H. Idris, H.A. Hassim, M.H.M. Noor, M. Mazlan, H. Ahmad, M.H. Bejo &amp; Z. Idrus (Eds.). 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	<p>14. <b>Puan, C.L.</b>, A.S. Siti Nurasmah &amp; 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. p. 25.</p> <p>15. <b>Puan, C.L.</b>, A.S. Siti Nurasmah &amp; 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. p. 25.</p> <p>16. <b>Puan, C.L.</b>, M. Zakaria, A.G. Awang Noor &amp; 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 &amp; 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.</p>
<p><i>Other publications</i></p>	<p>1. Yee, S.A., <b>C.L. Puan</b>, P.K. Chang &amp; B. Azhar. 2015. Vocal Individuality of Sunda Scops Owl (<i>Otus lempiji</i>) in Peninsular Malaysia. Paper presented at the 9<sup>th</sup> 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).</p> <p>2. Yahya, M.S., <b>C.L. Puan</b>, B. Azhar, M. Zakaria &amp; S.N. Atikah. 2015. 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	<p>Malaysian Plant Protection Society (MAPPS).</p> <p>14. Lee, S.Y., M. Zakaria, M.N. Hafidzi &amp; <b>C.L. Puan</b>. 2008. Abundance of Rats (<i>Rattus</i> 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).</p> <p>15. <b>Puan, C.L.</b> &amp; 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) &amp; World Owl Trust.</p> <p>16. Zakaria, M., <b>C.L. Puan</b> &amp; 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 &amp; Universiti Kebangsaan Malaysia.</p> <p>17. Zakaria, M., <b>C.L. Puan</b> &amp; 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 &amp; Food and Agriculture Organization of the United Nations (FAO).</p> <p>18. Zakaria, M., <b>C.L. Puan</b> &amp; Y. Muhammad Ezhar. 2005. Fauna of Ayer Hitam Forest Reserve, Puchong, Selangor. Poster presented during the 34<sup>th</sup> World Forestry Day Celebrations, Selangor State Level 2005. 28 April, 2005. Ayer Hitam Forest Reserve, Puchong, Selangor. Organized by Selangor Forestry Department &amp; Faculty of Forestry, Universiti Putra Malaysia.</p> <p>19. Zakaria, M., <b>C.L. Puan</b> &amp; Y. Muhammad Ezhar. 2005. Bird as Indicator of Forest Ecosystem Health. Poster presented at the Exhibition of Invention, Research &amp; Innovation UPM 2005. 16-18 March, 2005. Faculty of Forestry, Universiti Putra Malaysia. Organized by Research Management Centre, Universiti Putra Malaysia.</p> <p>20. <b>Puan, C.L.</b>, M. Zakaria, A.G. Awang Noor &amp; M. Abdullah. 2005. Estimating the Conservation Value of Fraser's Hill, Pahang Using Contingent Valuation Method. Poster presented at the Exhibition of Invention, Research &amp; Innovation UPM 2005. 16-18 March, 2005. Faculty of Forestry, Universiti Putra Malaysia. Organized by Research Management Centre, Universiti Putra Malaysia.</p>
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## H. PROJEK PENYELIDIKAN TERDAHULU (Past Research Project)

<i>Project No.</i>	<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
Tan Kean Cheong Bird Conservation Memorial Fund	Density of Forest Owls	Principal Investigator	2011	Malaysian Nature Society (MNS)	Completed
03-01-11-1151RU	Density and Habitat Use of Forest Owls in an Isolated Forest in Malaysia	Principal Investigator	2011	Research University (RUGS)	Completed
07-01-13-1184FR	Mapping of Owl Distribution Based on Radio-telemetry: Using Nocturnal Birds as Indicator of Forest Health	Principal Investigator	2013	FRGS (MOHE)	Completed
Putra Grant	Population Genetics of Bulbuls using Next Generation Sequencing in Klang Valley, Selangor	Principal Investigator	2016	Universiti Putra Malaysia	Completed
Tan Kean Cheong Bird Conservation Memorial Fund	Population Genetics of Malaysian Forest Bulbuls	Principal Investigator	2016	Malaysian Nature Society (MNS)	Completed
Putra Grant	Bird Vocalisation in Response Towards Urban Development	Principal Investigator	2017	Universiti Putra Malaysia	Completed
Tan Kean Cheong Bird Conservation Memorial Fund	Ranging Behaviour and Interactions of Two Lowland Owl Species	Principal Investigator	2019	Malaysian Nature Society (MNS)	On-going
07-01-19-2191FR	Assessing Species and Genetic Diversity of Birds and Their Physiological Stress Response as Indicators of Mangrove Recovery	Principal Investigator	2019	FRGS (Ministry of Education)	On-going