

## CURRICULUM VITAE

### DIARMAID Ó FOIGHIL

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### Education:

Ph.D. 1987. University of Victoria, Victoria, B.C., Canada  
B.Sc. (1<sup>st</sup> class hon.) 1981. National University of Ireland, Galway

### Professional Experience:

Professor/Chair, University of Michigan 2014-  
Professor/Director, University of Michigan 2011-  
Professor/Curator, University of Michigan 2007-2011  
Associate Professor/Curator, University of Michigan 2001-2007  
Assistant Professor/Curator, University of Michigan 1995-2001  
Research Associate Professor, University of South Carolina 1993-1995  
NSERC Post-Doctoral Fellow, Simon Fraser University, Vancouver, B.C., 1989-92  
Independent Researcher. Bamfield Marine Station, B.C., Canada 1988-89  
Post-Doctoral Fellow at the Friday Harbor Labs, University of Washington 1987

### External Service

NSF DEB Panel Member, 2012, 2009, 2007, 2006, 2003  
Science Foundation Ireland EEOB Panel Member, 2010, 2009, 2007  
Associate Editor, *Zoological Journal of the Linnean Society*, 2007-  
Scientific Committee, International Congress on Bivalvia, 2006  
Sponsor Member, Institute of Malacology, 2005-  
Associate Editor, *Evolution*, 2003-6  
President, American Malacological Society 2002-3.  
Council Member, American Malacological Society 2002-7  
Editorial Board, *Malacologia*, 2001-

### Awards

2008 LSA Excellence in Teaching Award

### Publications

- Haponski, S.E. & Ó Foighil, D. 2019. Phylogenomic analyses confirm a novel invasive North American Corbicula (Bivalvia: Cyrenidae) lineage. *PeerJ* 7:e7484. <https://doi.org/10.7717/peerj.7484>
- Haponski, S.E., Lee, T. & Ó Foighil, D. 2019. Deconstructing an infamous extinction crisis: Survival of *Partula* species on Moorea and Tahiti. *Evolutionary Applications*, <https://doi.org/10.1111/eva.12778>

- Hewitt T, Wood C, Ó Foighil D. 2019. Ecological Correlates and Phylogenetic Signal of Host Use in North American Unionid Mussels. *International Journal for Parasitology*, 49:71-81. <https://doi.org/10.1016/j.ijpara.2018.09.006>
- Goto R, Harrison T, Ó Foighil D. 2018. Within-host speciation events in yoyo clams, obligate commensals with mantis shrimps: one involving a change in microhabitat and a loss of specialized traits. *Biological Journal of the Linnean Society*, 124:504-517. <https://doi.org/10.1093/biolinnean/bly044>
- Bick CS, Pearce-Kelly P, Coote T, Ó Foighil D. 2018. Survival Among Critically Endangered Partulid Tree Snails Is Correlated with Higher Clutch Sizes in The Wild and Higher Reproductive Rates in Captivity. *Biological Journal of the Linnean Society*, 125: 508-520. <https://doi.org/10.1093/biolinnean/bly124>
- Tiemann JS, Haponski AE, Douglass SA, Lee T, Cummings KS, Davis MA, Ó Foighil D. 2017. First record of a putative novel invasive *Corbicula* lineage discovered in the Illinois River. *BioInvasions Records* 6:159–166. DOI:<https://doi.org/10.3391/bir.2017.6.2.12>
- Haponski, S.E., Lee, T. & Ó Foighil, D. 2017. Moorean and Tahitian Partula tree snail survival after a mass extinction: New genomic insights using museum specimens. *Molecular Phylogenetics & Evolution* 106:151-157. doi: 10.1016/j.ympev.2016.09.021.
- Li, J., Ó Foighil, D. & Strong, E. 2016. Commensal associations and benthic habitats shape macroevolution of the bivalve clade Galeommatoidea. *Proc. Roy. Soc. Lond.B.* <http://rspb.royalsocietypublishing.org/content/283/1834/20161006>
- Bick, C.S., Ó Foighil, D. & Coote, T. 2016. Differential survival among Tahitian tree snails during a mass extinction event: persistence of the rare and fecund. *Oryx* DOI: <http://dx.doi.org/10.1017/S0030605314000325>
- Brodie, G., Barker G.M., Pippard, H., Bick, C. & Ó Foighil, D. 2016. Disappearing Jewels: An Urgent Need for Conservation of Fiji's Unique Partulid Tree Snail Fauna. *Pacific Conservation Biology* 22:249-261. <http://www.publish.csiro.au/pc/PC14931>
- Li, J. & Ó Foighil, D. 2016. Multiple Losses of Planktotrophic Development in the Cosmopolitan Bivalve Genus *Lasaea*. *American Malacological Bulletin* 33:302-307. doi: <http://dx.doi.org/10.4003/006.033.0210>
- Lee, T., Li, J., Churchill, C.K.C. and Ó Foighil, D. 2014. Evolutionary history of a vanishing radiation: isolation-dependent persistence and diversification in Pacific Island partulid tree snails. *BMC Evolutionary Biology* 14:202 [doi:10.1186/s12862-014-0202-3](https://doi.org/10.1186/s12862-014-0202-3) Has achieved “Highly Accessed” status.
- Churchill, C.K., Valdés, Á. & Ó Foighil, D. 2014. Afro-Eurasia and the Americas present barriers to gene flow for the cosmopolitan neustonic nudibranch *Glaucus atlanticus*.

*Marine Biology*, 161:899-910. [doi: 10.1007/s00227-014-2389-7](https://doi.org/10.1007/s00227-014-2389-7)

Churchill, C.K., Valdés, Á., Ó Foighil D. 2014. Molecular and morphological systematics of neustonic nudibranchs (Mollusca, Gastropoda, Glaucidae, Glaucus) with descriptions of three new cryptic species. *Invertebrate Systematics* 28:174-195. [www.publish.csiro.au/paper/IS13038.htm](http://www.publish.csiro.au/paper/IS13038.htm) Featured on the Journal Cover [www.publish.csiro.au/nid/121/issue/7145.htm](http://www.publish.csiro.au/nid/121/issue/7145.htm)

Li, J., Ó Foighil, D. & Park, J.K. 2013. Triton's trident: cryptic Neogene divergences in a marine clam (*Lasaea australis*) correspond to Australia's three temperate biogeographic provinces *Molecular Ecology* 22:1933-1946.

<http://onlinelibrary.wiley.com/doi/10.1111/mec.12220/full>

Exemplar media: <http://phys.org/news/2013-03-cryptic-clams-biologists-species-plain.html>

Scott, P.V., Ó Foighil, D. & Li, J. 2013. Where's *Waldo*? A new commensal species, *Waldo arthuri* (Mollusca: Bivalvia: Galeommatidae), from the Northeastern Pacific Ocean. *Zookeys*, 316:67-80. [www.pensoft.net/journals/zookeys/article/4256](http://www.pensoft.net/journals/zookeys/article/4256)

Exemplar media coverage:

<http://www.sciencedaily.com/releases/2013/07/130716120022.htm>

<http://www.foxnews.com/science/2013/07/20/heres-waldo-strange-new-alien-like-clam-species-found/>

Miura, O., Köhler, F., Lee, T., Li, J. & Ó Foighil, D. 2013. Rare, divergent Korean *Semisulcospira* spp. mitochondrial haplotypes have Japanese sister lineages. *Journal of Molluscan Studies*, 79:86-89.

<http://mollus.oxfordjournals.org/content/79/1/86.full.pdf+html>

Churchill, C.K., Alejandrino, A., Valdés, Á. & Ó Foighil, D. 2013. Parallel changes in genital morphology delineate cryptic diversification of planktonic nudibranchs. *Proceedings of the Royal Society B*. 280:20131224.

<http://dx.doi.org/10.1098/rspb.2013.1224>

Exemplar media coverage: [www.earthtimes.org/nature/glaucus-twin/2394/](http://www.earthtimes.org/nature/glaucus-twin/2394/)

Churchill C.K. and Ó Foighil D. 2013. Bubble rafting snails. McGraw-Hill Yearbook of Science and Technology 2013, pp. 56-58.

Li, J., Ó Foighil, D. & Middelfart, P. 2012. The evolutionary ecology of biotic association in a megadiverse bivalve superfamily: sponsorship required for permanent residency in sediment. *PLoS ONE*, 7(8): e42121. Featured in multiple online media outlets, e.g.,

<http://www.sciencedaily.com/releases/2012/08/120809090308.htm>

Li, J. and Ó Foighil, D. 2012. Host-specific morphologies but no host races in the commensal bivalve *Neaeromya rugifera*. *Invertebrate Biology*, [131:197-203](https://doi.org/10.1111/1365-3113.00500).

- Churchill, C.K., Ó Foighil D., Strong, E.E. and Gittenberger, A. 2011. Females floated first in bubble-rafting snails. *Current Biology*. [21: R802-R803](#). Featured on the [journal cover](#), in *Science* and in multiple online media outlets, e.g., [http://www.msnbc.msn.com/id/44849146/ns/technology\\_and\\_science-science/#.UPMcgY5\\_dsR](http://www.msnbc.msn.com/id/44849146/ns/technology_and_science-science/#.UPMcgY5_dsR)
- Churchill C.K., Strong, E.E. and Ó Foighil D. 2011. Hitchhiking juveniles in the rare neustonic gastropod *Recluzia cf. jehennei* (Janthinidae). *Journal of Molluscan Studies*. [77:441-444](#).
- Ó Foighil, D., Li J., Lee, T. Johnson P., Evans R. and Burch J.B. 2011. Conservation Genetics of a Critically Endangered Limpet Genus and Rediscovery of an Extinct Species. *PLoS One*. [6\(5\): e20496](#). Featured in [NSF news](#) and in multiple media outlets, e.g., [http://www.fox10tv.com/dpp/news/local\\_news/mobile\\_county/curse-of-the-dammed](http://www.fox10tv.com/dpp/news/local_news/mobile_county/curse-of-the-dammed)
- Ó Foighil, D., Lee, T. and Slapcinsky 2011. Prehistoric anthropogenic introduction of partulid tree snails in Papua New Guinean archipelagoes. *Journal of Biogeography*. [38:1625-1632](#).
- Walther, A.C., J.B. Burch and D. Ó Foighil. 2010. Molecular phylogenetic revision of the freshwater limpet genus *Ferrissia* (Planorbidae: Ancyliinae) in North America yields two species: *Ferrissia (Ferrissia) rivularis* and *Ferrissia (Kincaidilla) fragilis*. *Malacologia* [53:25-45](#).
- Lee, T., Burch, J.B., Coote, T., Pearce-Kelly, P., Hickman., C., Meyer, J.-Y. and Ó Foighil, D. 2009. Moorean tree snail survival revisited: a multi-island genealogical perspective. *BMC Evolutionary Biology* [9:204](#) doi:10.1186/1471-2148-9-204
- Ó Foighil, D. 2009. Conservation status update on Society Island Partulidae. *Tentacle* [17:30-35](#).
- Ó Foighil, D., T. Lee, D.C. Campbell and S.A. Clark. 2009. All voucher specimens are not created equal: a cautionary tale involving North American pleurocerid gastropods. *Journal of Molluscan Studies* [75:305-306](#)
- Lee, T., J-Y Meyer, J.B. Burch, P. Pearce-Kelly and D. Ó Foighil. 2008. Not completely gone: two partulid tree snail species persist on the highest peak of Raiatea, French Polynesia. *Oryx* [42:615-619](#).
- Lee, T., J.B. Burch, Y. Jung, T. Coote, P. Pearce-Kelly and D. Ó Foighil. 2007. Tahitian tree snail mitochondrial clades survived recent mass-extirpation. *Current Biology* [17:R502-R503](#) This study was also featured in that issue: [R493](#) as well as well as in diverse online media: <http://www.sciencedaily.com/releases/2007/07/070702145617.htm>

- Lee, T., J.B. Burch, T. Coote, B. Fontaine, O. Gargominy, P. Pearce-Kelly and D. Ó Foighil. 2007. Prehistoric Inter-Archipelago Trading of Polynesian Tree Snails Leaves a Conservation Legacy. *Proceedings of the Royal Society B* 274, 2907-2914 <http://rspb.royalsocietypublishing.org/content/274/1627/2907.abstract>  
Featured on the cover of the journal issue, also in many online media outlets, e.g., [http://www.msnbc.msn.com/id/20877460#.UPMaQY5\\_dsQ](http://www.msnbc.msn.com/id/20877460#.UPMaQY5_dsQ)
- Shilts, M.H., M.S. Pascual and D. Ó Foighil. 2007. Systematic, taxonomic and biogeographic relationships of Argentine flat oysters. *Molecular Phylogenetics and Evolution*. 44:467-473.
- Petkeviciute, R., G. Staneviciute, V. Stunzenas, T. Lee and D. Ó Foighil. 2007. Pronounced karyological divergence of the North American congeners *Sphaerium rhomboideum* (Say, 1822; 2N=44) and *S. occidentale* (Lewis, 1856; 2N~213) (Bivalvia, Veneroidea, Sphaeriidae) *Journal of Molluscan Studies* 73:315-321.
- Lee, T., J.J. Kim, H-C. Hong, J.B. Burch and D. Ó Foighil. 2007. Phylogenetic and taxonomic incongruence involving nuclear and mitochondrial markers in Korean populations of the freshwater snail genus *Semisulcospira* (Cerithioidea: Pleuroceridae). *Molecular Phylogenetics and Evolution*. 43:386-397.
- Walther, A.C., T. Lee, J.B. Burch and D. Ó Foighil. 2006a. *Acroloxus lacustris* is not an Ancyloid: a Case of Misidentification Involving the Cryptic Invader *Ferrissia fragilis* (Mollusca: Pulmonata: Hygrophila). *Molecular Phylogenetics and Evolution* 39:271-275.
- Walther, A.C., T. Lee, J.B. Burch and D. Ó Foighil. 2006b. *E Pluribus Unum*: A Phylogenetic and Phylogeographic Reassessment of *Laevapex* (Pulmonata: Ancyliidae), a North American Genus of Freshwater Limpets. *Molecular Phylogenetics and Evolution* 40:501-516.
- Walther, A.C., T. Lee, J.B. Burch and D. Ó Foighil. 2006c. Confirmation that the North American ancyloid limpet *Ferrissia fragilis* (Tryon, 1863) is a cryptic invader of European, and East Asian, freshwater ecosystems. *Journal of Molluscan Studies* 72:318-321.
- Lee, T., J.J. Kim, H-C. Hong, J.B. Burch and D. Ó Foighil. 2006. Crossing the Continental Divide: the Columbia drainage species *Juga hemphilli* (Henderson 1935) is a cryptic member of the eastern North American genus *Elimia* (Cerithioidea: Pleuroceridae). *Journal of Molluscan Studies*. 72:314-317.
- Lee, T. and D. Ó Foighil. 2005. Placing the Floridian marine genetic disjunction into a regional evolutionary context using the “scorched mussel” *Brachidontes exustus* species complex. [Evolution](https://doi.org/10.1016/j.yevol.2005.08.008) 59:2139-2358. (featured on the cover of the journal issue)
- Lützen, J., M. Kato, T. Kosuge and D. Ó Foighil. 2005. Reproduction involving spermatophores in four bivalve genera of the superfamily Galeommatoidea commensal with holothurians. *Molluscan Research*. 25: 99-112.

- Lee, T., S. Siripattawan, C. Ituarte and D. Ó Foighil. 2005. Invasion of the clonal Clams: *Corbicula* lineages in the New World. *American Malacological Bulletin*. 20:113-123.
- Bieler, R., P. Mikkelsen, T. Lee and D. Ó Foighil. 2004. Discovery of the Indo-Pacific oyster *Hyotissa hyotis* in the Florida Keys (Gryphaeidae; Bivalvia). *Molluscan Research*. 24: 149-159.
- Lee, T. and D. Ó Foighil. 2004. Hidden Floridian biodiversity: mitochondrial and nuclear gene trees reveal four cryptic species within the scorched mussel, *Brachidontes exustus*, species complex. *Molecular Ecology* 13:3527-3542.
- Kirkendale, L., T. Lee, P. Baker and D. Ó Foighil. 2004. Oysters of the *Conch Republic* (Florida Keys); a Molecular Phylogenetic Study of *Parahyotissa mcgintyi*, *Teskeyostrea weberi* and *Ostreola equestris*. *Malacologia*. 46:309-326.
- Tongkerd, P., T. Lee, S. Panha, J.B. Burch and D. Ó Foighil. 2004. Molecular Phylogeny of Thai Micro Land Snails (Stylommatophora; Pupillidae; Gastrocoptinae) Inferred from Mitochondrial and Nuclear Ribosomal Gene Trees. *Journal of Molluscan Studies*, 70:139-147.
- S. A. Webb, J. A. Graves, C. Macias-Garcia, A. E. Magurrana, D. Ó Foighil and M. G. Ritchie. 2004. Molecular phylogeny of the live bearing Goodeidae (Cyprinodontiformes). *Molecular Phylogenetics and Evolution*. 30:527-544.
- Lee, T. and D. Ó Foighil. 2003. Phylogenetic Structure of the Sphaeriinae, a Global Clade of Freshwater Bivalve Molluscs, Inferred from Nuclear (ITS-1) and Mitochondrial (16S) Ribosomal Gene Sequences. *Zoological Journal of the Linnean Society* 137: 245-260.
- Lee, T. and D. Ó Foighil. 2002. 6-Phosphogluconate dehydrogenase (PGD) allele phylogeny is incongruent with a recent origin of polyploidization in some North American Sphaeriidae (Mollusca: Bivalvia). *Molecular Phylogenetics and Evolution*. 25:112-124.
- Ó Foighil, D., R. Jennings, J.K. Park, D.A. Merriwether. 2001. Phylogenetic Relationships of Mid-Oceanic Ridge and Continental Lineages of *Lasaea* (Mollusca: Bivalvia) in the Northeastern Atlantic. *Marine Ecology Progress Series* 213:165-175.
- Ó Foighil, D. and D.J. Taylor. 2000. Evolution of parental care and ovulation behavior in oysters. *Molecular Phylogenetics and Evolution* 15:301-313.
- Ó Foighil, D. and D.L. Graf, D.L. 2000. Prodissoconch morphology of the relict marine paleoheterodont *Neotrigonia margaritacea* (Mollusca: Bivalvia) indicates a non-planktotrophic prejuvenile ontogeny. *Journal of the Marine Biological Association of the United Kingdom*. 80:173-174.
- Park, J.K. and D. Ó Foighil. 2000. Sphaeriid and Corbiculid Clams Represent Separate

Heterodont Bivalve Radiations into Freshwater Environments. *Molecular Phylogenetics and Evolution*. 14:75-88.

- Taylor, D.J. and D. Ó Foighil. 2000. Transglobal comparisons of nuclear and mitochondrial genetic structure in a marine polyploid clam (*Lasaea*, Lasaeidae). *Heredity* 84:321-330.
- Park, J.K. and D. Ó Foighil. 2000. Genetic diversity of oceanic island *Lasaea* (Mollusca: Bivalvia) lineages exceeds that of continental populations in the Northwestern Atlantic. *Biological Bulletin* 198:396-403.
- Cooley, L.R. and D. Ó Foighil. 2000. Phylogenetic analysis of the Sphaeriidae (Mollusca: Bivalvia) based on mitochondrial 16S rDNA gene sequences. *Invertebrate Biology*. 119(3) 299-308..
- Graf, D.L. and D. Ó Foighil. 2000. The evolution of brooding characters among the freshwater pearly mussels (Mollusca: Bivalvia: Unionoidea). *The Journal of Molluscan Studies* 66:157-170.
- Siripattawan, S., J.K. Park and D. Ó Foighil. 2000. Two lineages of the introduced Asian freshwater clam *Corbicula* occur in North America. *The Journal of Molluscan Studies*(August issue) 66:423-429.
- Graf, D.L. and D. Ó Foighil. 2000. Molecular phylogenetic analysis of 28S rDNA supports a Gondwanan origin for Australasian Hyriidae (Mollusca: Bivalvia: Unionoidea). *Vie Milieu* 50:245-254.
- Ó Foighil, D. and C. Thiriot-Quévieux. 1999. Sympatric Australian *Lasaea* Species (Mollusca: Bivalvia) Differ in Their Ploidy Levels, Reproductive Modes and Developmental Modes. *Zoological Journal of the Linnean Society* 127:477-494.
- Ó Foighil, D., B.A. Marshall, T.J. Hilbish and M.A. Pino. 1999. Trans-Pacific range extension by rafting is inferred for the flat oyster *Ostrea chilensis*. *Biological Bulletin* 196:122-126.
- Ó Foighil, D. and C.J. Jozefowitz. 1999. Amphi-Atlantic phylogeography of direct-developing lineages of *Lasaea*, a genus of brooding bivalves. *Marine Biology* 135:115-122.
- Schneider, J.A. and D. Ó Foighil. 1999. Phylogeny of giant clams (Cardiidae: Tridacninae) based on partial mitochondrial 16S rDNA gene sequences. *Molecular Phylogenetics and Evolution* 13:59-66.
- Ó Foighil, D., P.M. Gaffney and T.J. Hilbish. 1998. Mitochondrial gene sequences support an Asian origin for the Portuguese oyster, *Crassostrea angulata* (Lamarck, 1819). *Marine Biology* 131:497-503.
- Jozefowicz, C.J. and D. Ó Foighil. 1998. Phylogenetic analysis of Southern Hemisphere

- flat oysters based on partial mitochondrial 16S rDNA gene sequences. *Molecular Phylogenetics and Evolution* 10:426-435.
- Ó Foighil, D., P.M. Gaffney and T.J. Hilbish. 1997. The Portuguese oyster is of Asian origin. *Journal of Shellfisheries Research* 16:p.329. (Abstract).
- Ó Foighil, D. and M.J. Smith. 1996. Phylogeography of an asexual marine clam complex, *Lasaea*, in the northeastern Pacific based on cytochrome oxidase III sequence variation. *Molecular Phylogenetics and Evolution* 6:134-142.
- Ó Foighil, D., T.J. Hilbish and R.S. Showman. 1996. Mitochondrial Gene Variation In *Mercenaria* Clam Sibling Species Reveals A Relict Secondary Contact Zone In The Western Gulf of Mexico. *Marine Biology* 126:675-683.
- Ó Foighil, D. and M.J. Smith. 1995. Evolution of asexuality in the cosmopolitan marine clam *Lasaea*. *Evolution* 49:140-150.
- Ó Foighil, D., P.M. Gaffney and T.J. Hilbish. 1995. Differences in mitochondrial 16S ribosomal gene sequences allow discrimination among American (*Crassostrea virginica* Gmelin) and Asian (*C. gigas* Thunberg, *C. ariakensis* Wakiya) oyster species. *Journal of Experimental Marine Biology and Ecology* 192:211-217.
- Sendall, K., A.R. Fontaine and D. Ó Foighil. 1995. Tube morphology and activity patterns related to feeding and tube building in the polychaete *Mesochaetopterus taylori*. Potts. *Canadian Journal of Zoology* 73:509-517.
- Reid, R.G.B., R. McMahon, D. Ó Foighil and R. Finnegan. 1992. Anterior inhalant currents and pedal feeding in bivalves. *Veliger*, 35:93-104.
- Ó Foighil, D. and C. Thiriot-Quévieux. 1991. Ploidy and pronuclear interaction of northeastern Pacific *Lasaea* clones. *Biological Bulletin* 181: 222-231.
- Ó Foighil, D., B. Kingsett, G. Ó Foighil and N. Bourne. 1990. Growth and survival of juvenile Japanese scallops, *Patinopecten yessoensis*, in nursery culture. *Journal of Shellfish Research* 9:135-144.
- Ó Foighil, D. 1989. Planktotrophic larval development is associated with a restricted geographic range in *Lasaea*, a genus of brooding hermaphroditic bivalves. *Marine Biology* 103:349-358.
- Ó Foighil, D. 1989. Role of spermatozeugmata in the spawning ecology of the brooding oyster *Ostrea edulis*. *Gamete Research* 24:219-228.
- Ó Foighil, D. 1988. Random mating and planktotrophic larval development in *Lasaea australis* Lamarck 1818. *Veliger* 31: 205-214.
- Ó Foighil, D. 1988. Global survey of developmental mode in the brooding bivalve *Lasaea*. *American Zoologist* 28:138A. (Abstract).

- Ó Foighil, D. and D.J. Eernisse. 1988. Geographically widespread, non-hybridizing, sympatric strains of the hermaphroditic, brooding clam *Lasaea* in the Northeastern Pacific Ocean. *Biological Bulletin* 175:218-229.
- Ó Foighil, D. 1987. Cytological evidence for self-fertilization in *Lasaea subviridis* (Galeommatacea: Bivalvia). *International Journal of Invertebrate Reproduction and Development* 12:83-90.
- Ó Foighil, D. and D.J. Eernisse. 1987. Phosphoglucomutase allozyme evidence for an outcrossing reproductive mode in the hermaphroditic clam *Mysella tumida*. *Journal of Molluscan Studies* 53:223-228.
- Keegan, B.F., B.D.S. O'Connor, D. McGrath and D. Ó Foighil. 1987. Littoral and benthic investigations on the south coast of Ireland. 2. The macrobenthic fauna off Carnsore Point. *Proceedings of the Royal Irish Academy Section B* - 87: 1-14.
- Ó Foighil, D. 1986. Prodissoconch morphology is environmentally modified in the brooding bivalve *Lasaea subviridis*. *Marine Biology* 92:517-524
- McGrath, D. and D. Ó Foighil, 1986. Population dynamics and reproduction of hermaphroditic *Lasaea rubra*. *Ophelia* 25:209-219
- Gustafson, R.G., D. Ó Foighil and R.G.B. Reid. 1986. Early ontogeny of the septibranch bivalve *Cardiomya pectinata*. *Journal of the Marine Biological Association of the United Kingdom* 66:943-950.
- Ó Foighil, D. 1985. Fine structure of *Lasaea subviridis* and *Mysella tumida* sperm (Bivalvia: Galeommatacea). *Zoomorphology* 105:125-135.
- Ó Foighil, D. 1985. Sperm transfer and storage in the brooding bivalve *Mysella tumida*. *Biological Bulletin* 169:602-614.
- Ó Foighil, D. 1985. Form, function and origin of temporary dwarf males in *Pseudopythina rugifera* (Bivalvia: Galeommatacea). *Veliger* 27:72-80.
- Ó Foighil, D. 1984. An unusual method of sperm transfer in the bivalve *Mysella tumida*. *American Zoologist*, 24:15a. (Abstract).
- Ó Foighil, D. and A. Gibson. 1984. The morphology, ecology and reproduction of the commensal bivalve *Scintillona bellerophon* spec. nov. (Galeommatacea). *Veliger* 27:72-80.
- Ó Foighil, D., D. McGrath, M.E. Conneely, B.F. Keegan and M. Costelloe. 1984. Population dynamics and reproduction of *Mysella bidentata* (Bivalvia: Galeommatacea) in Galway Bay, Irish West Coast. *Marine Biology* 81:283-291.

## Research Grants

2019-2023 NSF PI: D. Ó Foighil. Digitization TCN: Collaborative Research: *Enhancing Access to Taxonomic and Biogeographical Data to Stem the Tide of Extinction of the Highly Imperiled Pacific Island Land Snails*. \$55,000.

2014-2019 NSF PI: D. Ó Foighil. Digitization Thematic Collections Network: *InvertEBase, species-rich invertebrate faunas document causes and consequences of biodiversity shifts*. \$250,746.

2014-2017. NSF co-PI: D. Ó Foighil. CSBR: *Implementation of an integrated database platform for the University of Michigan Biological Collections*. \$398,373.

2014-2016 International Union for Conservation of Nature PI: D. Ó Foighil. *Partulid Snails of the Solomon Islands: Endemic Species or Products of Prehistoric Exchange Networks?* \$19, 2010.

2012-14 National Geographic Society 9180-12. *Reconstructing Prehistoric Inter-Archipelago Exchange Networks in Near Oceania Using Partulid Tree Snails*. \$24000

2012-13. UM OVPR *Recovering the Evolutionary History of Extinct Mollusks from Museum Shells Using Ancient DNA Techniques*. \$8000.

2009-2012 NSF OCE-0850025 PI: D. Ó Foighil *Community phylogeny and phylogeography of the Neuston* \$380000

2009-10 National Geographic Society PI: D. Ó Foighil *Historical Ecology of the Neuston* \$21000

2008 OVPR faculty research award *Historical Ecology of the Neuston* \$11000

2008. Visiting Curatorship at the *Bailey-Matthews Shell Museum*, Sanibel, Florida \$2000

2005-2009 NSF DBI 0447142. PI: D. Ó Foighil. *Computerization of the University of Michigan Museum of Zoology Mollusk Collection* (Biological Research Collection Program: \$484000).

2004-2007 NSF DEB 0425984. PI: D. Ó Foighil. *Historical Phylogeny of Tahitian Land Snails: an almost Extirpated Land Snail Fauna* (Systematic Biology Program: \$300000)

2004-2006 National Academy Twinning Award. PI: D. Ó Foighil. *Towards a Comprehensive Phylogeny of Holarctic Sphaeriidae (Mollusca: Bivalvia): Systematics, Genome Amplification and Phylogeography*. (\$17000)

AMS 2003 Symposium Grants. As President of the American Malacological Society for 2002/3, and host of the 2003 meeting, I raised a total of \$16,000 (from NSF, USDA and University of Michigan sources) to sponsor 2 Symposia and 2 Special Sessions.

2001-2004 NSF OCE-0099084. PI: D. Ó Foighil. *Placing the Floridian Genetic Break for Nearshore Taxa into a Regional Phylogenetic Perspective Using Three Lineages of Marine Mussels*. (Biological Oceanography Program, \$338,474).

2002. U. M. Center of Japanese Studies Faculty Research Grant to determine source populations for exotic *Corbicula* and *Crassostrea* (\$5000)

Winter 2001. U.M. OVPR-funded Distinguished Faculty and Graduate Student Seminar *New Approaches to Interpreting the Genetic Structure of Populations*. (\$9000)

2000-2001 Michigan Memorial Grant to D. Ó Foighil. *Determining Reproductive Success in Endangered Freshwater Mussels With DNA Fingerprinting* (\$9500).

1997-2000. NSF OCE-9617689. PI: D. Ó Foighil. *Amphi-Atlantic Phylogeography of the Clam Genus *Lasaea*: a Test of Transoceanic Dispersal Hypotheses for a Direct-Developing Clonal Taxon* (Biological Oceanography Program, \$190000).

2002-2003 Royal Thai Jubilee Award with Dr. Samsak Panha (Dept. of Biological Science, Chulalongkorn University, Thailand). This enabled a Chulalongkorn graduate student, Piyoros Tongkead, to work in my lab (during the summers of 2000, 2001, 2002) on the molecular systematics of Thai microsnails endemic to isolated karst mountains. (\$20000).

1996-98. NSF-G-BIR-9626039. Co-PI: D. Ó Foighil. *Phylogenetic Reliability of Morphological Reductive Characters as Assessed by Molecular Phylogenetics of the Molluscan Family *Cardiidae**. Awarded to Dr. Jay Schneider as 2 year Sloan/N.S.F. postdoctoral fellowship in Molecular Evolution (\$80,000). I co-wrote this grant proposal with Dr. Schneider.

1997-9. Committee for Research and Exploration of the National Geographic Society to D. Ó Foighil. *Phylogeography of the Clam Genus *Lasaea** (\$21 056).

1997-8. Korean Science and Engineering Foundation (KOSEF) post-doctoral fellowship awarded to Dr. Joong-Ki Park to study “Molecular Phylogenetic of Freshwater Heterodont Bivalves”. I co-wrote this grant proposal with Dr. Park. (\$18000)

1997. In association with graduate student Renée Sherman, a 1997 Michigan Natural Heritage Grant was obtained to support her field work (\$4000).

1996-7 U.M. Rackham Faculty Research Grant to D. Ó Foighil (\$13000)

1996 U.M. OVPR/Rackham Spring/Summer Research Grant was obtained for student support (\$2000).