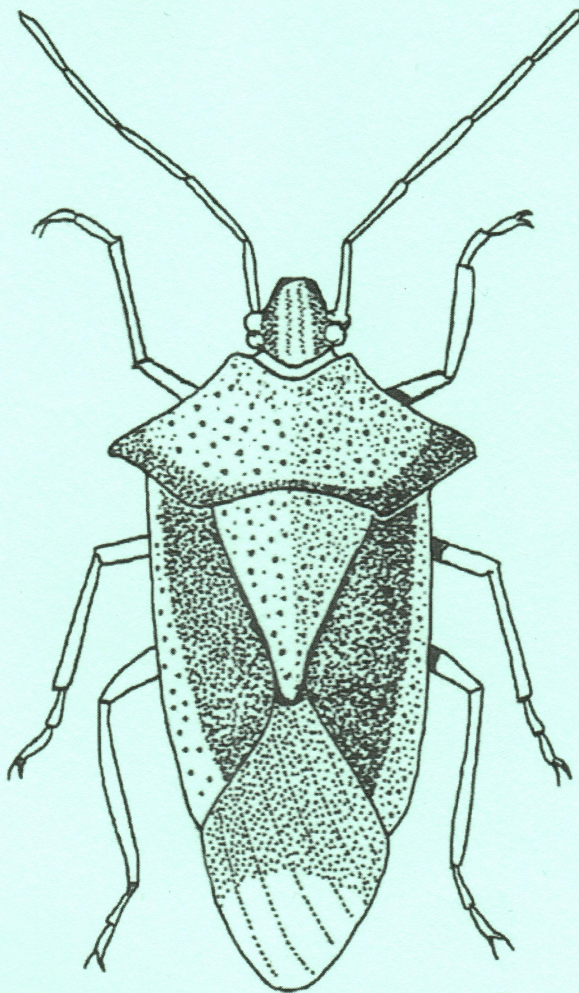


SECOND SUPPLEMENT
TO
A BIBLIOGRAPHY OF IRISH
ENTOMOLOGY

compiled by

James P. O'Connor



The Irish Biogeographical Society

OTHER PUBLICATIONS AVAILABLE FROM THE IRISH BIOGEOGRAPHICAL SOCIETY
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James P. O'Connor MRIA

Emeritus Entomologist

National Museum of Ireland, Kildare Street, Dublin 2, Ireland.

Published in 2012
by
The Irish Biogeographical Society, Dublin, Ireland

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The Irish Biogeographical Society, Dublin, Ireland.

ISBN 978-0-9550806-6-1

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Cover illustration: the Hawthorn Shield Bug (*Acanthosoma haemorrhoidale*)
after Sean Milne from *Irish Indoor Insects*
published by Town House
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This book may be obtained from The Irish Biogeographical Society
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Preface

When *A Bibliography of Irish Entomology* was published in 1984, it was possible to cover almost 150 years of research on Irish insects in a volume of 361 pages. Over that period, both amateurs and professionals mainly published their Irish data in a small number of journals produced in Britain and Ireland. The *First Supplement* was published in 2005 and it dealt with twenty years (1980-2000). Some books were included along with additional journals but mainly due to the increase in research output, the supplement consisted of 186 pages. Since then, there has been greater governmental and international funding for *inter alia* environmental and conservation studies. In addition, Irish authors are now publishing in an ever increasing range of international journals. As a consequence, although the present volume only covers ten years (2001-2011), the bibliographic content is nearly the same as the *First Supplement*. In the present supplement, an author index is provided and it covers all three volumes. The index will be an aid for researchers in their studies. There is also a full list of publications by Alexander Henry Haliday. Coincidentally, the Second Supplement also contains 186 pages.

James P. O'Connor
Editor

The Irish Biogeographical Society
30 March 2012

**THIS BOOK IS DEDICATED TO THE MEMORY
OF MY LATE PARENTS
PATRICK AND MARY O'CONNOR**

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Introduction

In 1984, *A Bibliography of Irish Entomology* was published by Flyleaf Press, Dublin. In 2005, this was followed by the *First Supplement* which covered the years 1981-2000 for journals already abstracted in the previous volume. However, the opportunity was taken to include some new journals, reprints sent by authors, corrections and omissions. In addition, a selection of books were added. The latter category was not comprehensive but was included to be of assistance to students and others commencing study of a particular group.

The *Second Supplement* follows the approach taken in the *First Supplement*. However, the titles of journals are given in full. Additional journals have also been included. It covers the period 2001-2011.

As in the previous volume, the author citations of articles reporting specimens shown at the Annual Exhibition of the British Entomological and Natural History Society posed a problem. They are given under the name of the person who compiled the report on the relevant section.

Similarly, works with two or more orders cited in the text are included in the General section and also under the relevant Orders if the contents are of significance. However, this has not been always possible as some cited articles were unavailable for abstraction. The *Second Supplement* was compiled by a page-by-page search of available volumes of the listed periodicals. Other journals were searched on-line.

Within each order, the items are listed under the author's name and under each author, they are listed in order of date of publication. Details of errors or omissions would be gratefully received by the compiler J. P. O'Connor so that they can be corrected at a latter date. They should be sent to him at the Natural History Division, National Museum of Ireland, Kildare Street, Dublin 2, Ireland.

Alexander Henry Haliday is undoubtedly one of Irish greatest scientists. Every year, thousands of scientific papers are published throughout the world where his work is cited especially species described by him. Recently, Robert Nash and the author compiled a comprehensive bibliography of Haliday's publications. This is given as an appendix as some papers and reviews had been missed in the *Bibliography* and *First Supplement*. Since his works are easily accessible through the Biodiversity Heritage Library and Google Books websites, the provision of the bibliography should make his research relevant to more entomologists.

The present volume also contains an author index to all three volumes. This should be of assistance in tracing the research carried out by particular workers on the Irish insects.

Acknowledgements

The compiler wishes to thank the Committee of The Irish Biogeographical Society for funding the publication of the *Second Supplement*. I am also grateful to Dr Brian Nelson (National Parks and Wildlife Service, Dublin) who generously made available references which he had compiled and Dr Patrick Ashe who provided previously overlooked references. Mr Nigel Monaghan (Keeper, Natural History Division, National Museum of Ireland) kindly provided facilities in the Museum.

Section 1. General Papers

Note: it was not possible to check all papers on macroinvertebrates for the relevant orders. As a result, some of these papers are not repeated in the other sections.

- Anon. (2007) Royal Irish Academy. Praeger Fund for Field Natural History. *Irish Naturalists' Journal* **28** (2006): 335 (Coleoptera, Diptera, Lepidoptera, Trichoptera).
- Anon. (2008) The Marsh Award for Insect Conservation. Dr Martin C. D. Speight. *Antenna* **32**: 126.
- Anon. (2008) Celebrating Irish entomologists. *Biodiversity Ireland. Bulletin of the National Biodiversity Data Centre* **Issue 2**: 13 (Ken Bond, Martin Speight).
- Anon. (2011) Meeting reports. 'Invasive insects: implications for plant health, animal health, public health and the environment'. *Antenna* **35**: 192 (beetle invasions, bumblebees, harlequin ladybird, mosquitoes, western corn rootworm).
- Alexander, K. N. A. (2002) The invertebrates of living and decaying timber in Britain and Ireland. A provisional annotated checklist. *English Nature Research Reports* **No. 467**. English Nature, Peterborough (Coleoptera, Diptera, Hemiptera, Hymenoptera, Lepidoptera).
- Anderson, A., Helden, A. J., Purvis, G. and Kirwan, L. (2005). Assessing indicators of biodiversity in agricultural grasslands? Some preliminary results from monitoring grassland arthropods. *Tearmann: The Irish Journal of Agri-environmental Research* **4**: 51-65.
- Anderson, R. (2007) Insect and invertebrate review 2005-2006. *Irish Naturalists' Journal* **28** (2006): 335-337 (Coleoptera, Diptera, Ephemeroptera, Hemiptera, Hymenoptera, Lepidoptera, Mecoptera, Odonata, Plecoptera, Strepsiptera).
- Anderson, R. (2008) Insect and invertebrate review 2006-2007. *Irish Naturalists' Journal* **29**: 66-69 (Coleoptera, Diptera, Hemiptera, Hymenoptera, Strepsiptera).
- Anderson, R. (2008) Terrestrial invertebrates. *Biodiversity Ireland. Bulletin of the National Biodiversity Data Centre* **Issue 1**: 9-11 (Coleoptera, Diptera, Hemiptera, Hymenoptera, Strepsiptera).
- Ashe, P., O'Connor, J. P. and Murray, D. A. (2005) A checklist of Irish aquatic insects. InvertebrateIreland Online, Ulster Museum, Belfast and National Museum of Ireland, Dublin.
- Austin, A. (2002) The Dublin Naturalists Field Club Report for 1999. *Irish Naturalists' Journal* **26** (2001): 432-433 (butterfly recording).

- Baars, J.-R. (2011) Classical biological control for the management of alien invasive species in Ireland. *Biology and Environment: Proceedings of the Royal Irish Academy* **111B**: 1-10 (Coleoptera, Collembola, Diptera, Hemiptera, Hymenoptera, Lepidoptera).
- Baars, J.-R., and Kelly-Quinn, M. (2005) Monitoring freshwater diversity in streams draining catchments under intensive agricultural activities in Ireland. *Tearmann* **4**: 91-102.
- Baker, R. A. and Bayliss, R. A. (2003) A comment on the life and work of Professor Gregg Wilson (1865-1951) of Queen's College and University, Belfast and the links between professional and amateur naturalists in Ireland in the late nineteenth and early twentieth centuries. *Irish Naturalists' Journal* **27**: 174-183 (insect lectures, mosquitoes).
- Baker, R. A. and Bayliss, R. A. (2005) James Nathaniel Halbert (1872-1948): Irish acarologist, entomologist and museum naturalist – with special reference to acarology. *Irish Naturalists' Journal* **28**: 107-115.
- Becerra Jurado, G., Callanan, M., Gioria, M., Baars J.-R., Harrington, R. and Kelly-Quinn, M. (2009) Comparison of macroinvertebrate community structure and driving environmental factors in natural and wastewater treatment ponds. *Hydrobiologia* **634**: 153-165.
- Becerra-Jurado, G., Harrington, R. and Kelly-Quinn, M. (2011) A review of the potential of surface flow constructed wetlands to enhance macroinvertebrate diversity in agricultural landscapes with particular reference to Integrated Constructed Wetlands (ICWs). *Hydrobiologia Online First*TM, 6 October 2011.
- Becerra Jurado, G., Johnson, J., Feeley, H., Harrington, R. and Kelly-Quinn, M. (2010) The potential of Integrated Constructed Wetlands (ICWs) to enhance macroinvertebrate diversity in agricultural landscapes. *Wetlands* **30**: 393-404.
- Becerra Jurado, G., Masterson, M., Harrington, R., Baars, J.-R. and Kelly-Quinn, M. (2008) Macroinvertebrate diversity in constructed ponds: community structure and driving environmental factors. *Verhandlungen der Internationalen Vereinigung für Theoretische und Angewandte Limnologie* **30**: 489-492.
- Becerra-Jurado, G., Masterson, M., Harrington, R. and Kelly-Quinn, M. (2008) Evaluation of sampling methods for biodiversity estimation in heavily vegetated ponds. *Hydrobiologia* **597**: 97-107 (includes Coleoptera, Diptera, Hemiptera).
- Bolger, T. (1997) George Herbert Carpenter. Pp 1-3. In Bolger, T. (ed.) *Proceedings of IX International Colloquium on Apterygota, Dublin 1996*. *Pedobiologia* **41**: 1-224 (Collembola, Diptera, Orthoptera, Thysanura).

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- Bradley, C. M., Kelly-Quinn, M., Tierney, D., Murray, D. A. and Ashe, P. J. (2003) Preliminary analysis of the longitudinal patterns occurring in macroinvertebrate assemblages in river catchments in Ireland. *Verhandlungen der Internationalen Vereinigung für Theoretische und Angewandte Limnologie* **28**: 1576-1580
- Bradley, C. M., McGuinness, C., Baars, J.-R., Tierney, D., Trodd, W. and Kelly-Quinn, M. (2005) Species-level indicators of reference conditions in Irish rivers. *Verhandlungen der Internationalen Vereinigung für Theoretische und Angewandte Limnologie* **29**: 453-456.
- Burton, J. F. (2011) Entomologists I have know. *Entomologist's Record and Journal of Variation* **123**: 170-181 (Cynthia Longfield, Captain R. A. (Rex) Jackson).
- Callanan, M., Baars, J.-R. and Kelly-Quinn, M. (2009) Comparison of the macroinvertebrate communities of seepage and lake-fed headwater streams. *Verhandlungen der Internationalen Vereinigung für Theoretische und Angewandte Limnologie* **30**: 685-689.
- Carroll, E., Sparks, T., Donnelly, A. and Cooney, T. (2009) Irish phenological observations from the early 20th century reveal a strong response to temperature. *Biology and Environment: Proceedings of the Royal Irish Academy* **109B**: 115-126 (Hymenoptera, Lepidoptera).
- Chandler, P. (2009) Obituary. William James Parker 1920-2009. *British Journal of Entomology and Natural History* **22**: 115-116 (visited Ireland).
- Chinery, M. (2005) *Complete British insects*. HarperCollins, London (Coleoptera, Dermaptera, Dictyoptera, Diptera, Ephemeroptera, Hemiptera, Hymenoptera, Lepidoptera, Mecoptera, Megaloptera, Neuroptera, Odonata, Orthoptera, Plecoptera, Trichoptera).
- Courtney, R., O'Neill, N., Harrington, T. and Breen, J. (2010) Macro-arthropod succession in grassland growing on bauxite residue. *Ecological Engineering* **36**: 1666-1671.
- Cruikshanks, R., Tierney, D., McGuinness, C. and Kelly-Quinn, M. (2005) Observations of recovery of the benthic macroinvertebrate community in an acid-impacted upland stream in Ireland. *Verhandlungen der Internationalen Vereinigung für Theoretische und Angewandte Limnologie* **29**: 1529-1534.
- Cummins, S. and O'Halloran, J. (2002) An assessment of the diet of nestling stonechats *Saxicola torquata* using compositional analysis. *Bird Study* **49**: 139-145 (Coleoptera, Hymenoptera, Lepidoptera).
- Curtis, T., Downes, S. and Ní Chathin, B. (2009) The ecological requirements of water-dependent habitats and species designated under the habitats directive. *Biology and Environment: Proceedings of the Royal Irish*

- Academy* **109B**: 261-319 (Coleoptera, Diptera, Hemiptera).
- Cuthbertson, A. G. S. and Murchie, A. K. (2005) Techniques for environmental monitoring of predatory fauna on branches of Bramley apple trees in Northern Ireland. *International Journal of Environmental Science and Technology* **2**: 1-6 (Coleoptera, Dermaptera, Hemiptera).
- Davies, J. (2009) Who was...? Honorific names: some more mini-biographies. *British Simuliid Group Bulletin* **32**: 11-13 (*Simulium buckleyi* De Meillon named (implicit) for John Joseph Cronin Buckley (1904-1972)).
- Davies, J. (2010) Who was...? Honorific names: some more mini-biographies. *British Simuliid Group Bulletin* **33**: 14-20 (James Patrick McMahon (1904-1983) of Irish descent).
- Dineen, G., Harrison, S. S. C. and Giller, P. S. (2007) Seasonal analysis of aquatic and terrestrial invertebrate supply to streams with grassland and deciduous riparian vegetation. *Biology and Environment: Proceedings of the Royal Irish Academy* **107B**: 167-182 (Coleoptera, Collembola, Diptera, Ephemeroptera, Hemiptera, Hymenoptera, Lepidoptera, Plecoptera, Trichoptera. No species mentioned)
- Faulkner, J. (2007) County Armagh Wildlife Society – Hon. Secretary's report to members for 2006. *Irish Naturalists' Journal* **28**: 430-431 (Hymenoptera and Lepidoptera mentioned but no species given).
- Feeley, H. B., Woods, M., Baars, J.-R. and Kelly-Quinn, M. (2011) Refining a kick sampling strategy for the bioassessment of benthic macroinvertebrates in headwater streams. *Hydrobiologia*, Online First™, 2 November 2011.
- Fenwick, S. (ed.) *Archives of the Royal Entomological Society*. Ashgate Publishing, London. 198pp (A. H. Haliday).
- Ferriss, S. E., Smith K. G. and Inskipp, T. P. (eds) (2009) Irish biodiversity: a taxonomic inventory of fauna. *Irish Wildlife Manuals* **No. 38**: 1-179. National Parks and Wildlife Service, Department of Environment, Heritage and Local Government, Dublin.
- Fitzpatrick, Ú., Regan, E. and Lysaght, L. (2011) Ireland's biodiversity in 2010. *Biodiversity Ireland. Bulletin of the National Biodiversity Data Centre* **Issue 7**: 4-5 (Coleoptera, Hymenoptera, Lepidoptera, Odonata).
- Flavin, D. A., Biggane, S. S., Shiel, C. B., Smiddy, P. and Fairley, J. S. (2001) Analysis of the diet of Daubenton's bat *Myotis daubentonii* in Ireland. *Acta Theriologica* **46**: 43-52 (Diptera, Trichoptera).
- Foster, G. (2002) Obituary. John William Alexander Francis Balfour-Browne 1907-2001. *Entomologist's Monthly Magazine* **138**: 165-170 (Born in Larne).
- Foster, G. N. (2007) Browsing section –Alexander Henry Haliday – *if we do not*

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- try to do more than we do we shall do less than we do. Latissimus* **22**: 27.
- Foster, W. (2006) Stamps of approval. *Antenna* **30**: 120-121 (illustrations of Irish stamps depicting Lepidoptera).
- Gilbert, P. (2007) *A source book for biographical literature on entomologists*. Backhuys Publishers, Leiden.
- Good, J. A. (1998) The potential role of ecological corridors for habitat conservation in Ireland: a review. *Irish Wildlife Manuals*. **No. 2**. 72pp (Coleoptera, Diptera, Lepidoptera).
- Good, J. A. (2001) Farms as biogeographical units: 1. Habitats and faunal changes as influenced by farmer decision-making on a mixed farm in south Cork, Ireland. *Bulletin of the Irish Biogeographical Society* **25**: 220-247 (Lepidoptera, Odonata).
- Good, J. A. (2009) Local and regional studies of Cryptobiota: esoteric stamp-collecting or essential ecology? *Bulletin of the Irish Biogeographical Society* **33**: 115-169 (Coleoptera, Diptera, Hymenoptera, Lepidoptera, Odonata).
- Gray, N. F. and Delaney, E. (2010) Measuring community response of benthic macroinvertebrates in an erosional river impacted by acid mine drainage by use of a simple model. *Ecological Indicators* **10**: 668-675 (Coleoptera, Diptera, Ephemeroptera, Lepidoptera, Trichoptera).
- Haggett, G. (2009) Eric Classey. *Entomologist's Record and Journal of Variation* **121**: 34-36 (Irish collecting).
- Hancock, G. (2008) People and historical notes. James Joseph Francis Xavier King (1855-1933). *Cranefly Newsletter* **No. 17**: 6-7. In *Bulletin of the Dipterists Forum* **No. 66** (Ireland mentioned).
- Hannigan, E., Mangan, R. and Kelly-Quinn, M. (2011) Evaluation of the success of mountain blanket bog pool restoration in terms of aquatic macroinvertebrates. *Biology and Environment: Proceedings of the Royal Irish Academy* **111B**: 95-105 (Coleoptera, Diptera, Ephemeroptera, Hemiptera, Trichoptera).
- Harrington, R., Carroll, P., Carty, A. H., Keohane, J. and Ryder, C. (2007) Integrated Constructed Wetlands: concept, design, site evaluation and performance. *International Journal of Water* **3**: 243-256. (Coleoptera, Diptera, Ephemeroptera, Hemiptera, Odonata).
- Helden, A. J., Anderson, A., Sheridan, H. and Purvis, G. (2010) The role of grassland sward islets in the distribution of arthropods in cattle pastures. *Insect Conservation and Diversity* **3**: 291-301.
- Hladyz, S., Tiegs, S. D., Gessner, M. O., Giller, P. S., Rîşnoveanu, G., Preda, E., Nistorescu, M., Schindler, M. and Woodward, G. (2010) Leaf-litter breakdown in pasture and deciduous woodland streams: a comparison

- among three European regions. *Freshwater Biology* **55**: 1916-1929 (macroinvertebrates).
- Irvine, K., Free, G., de Eyto, E., White, J., Allott, N. and Mills, P. (2001) The EC water framework directive and monitoring lakes in the Republic of Ireland. *Freshwater Forum* **16**: 48-64 (Ephemeroptera, Hemiptera, Plecoptera).
- Jess, S., Kearns, C. and Matthews, D. I. (2007) A survey of annual pesticide usage during the control of sheep ectoparasites in Northern Ireland, 2005. *Journal of Agricultural Science* **145**: 517-528.
- Johnson, M., O'Gorman, K., Gallagher, M., Clenaghan, C., Giller, P. S. and O'Halloran, J. (2001) The identification and amelioration of the impacts of clearfelling operations on lotic macroinvertebrates and salmonids in Ireland. *Verhandlungen der Internationalen Vereinigung fur Theoretische und Angewandte Limnologie* **27** (2000): 1565-1570 (Diptera, Ephemeroptera, Plecoptera).
- Johnson, M. J., Giller, P. S., O'Halloran, J., O'Gorman, K. and Gallagher, M. B. (2005) A novel approach to assess the impact of landuse activity on chemical and biological parameters in river catchments. *Freshwater Biology* **50**: 1273-1289 (Ephemeroptera, Plecoptera, Trichoptera).
- Johnston, P. and Reilly, E. (2007) Plant and insect remains. Pp 55-62 (with Appendix, 90-92). In O'Sullivan, A., Sands, R. and Kelly, E. P. (eds) *Coolure Demesne crannog: an introduction to its archaeology and landscapes*. Wordwell Ltd., Bray.
- Kelly, D. W., Dick, J. T. A., Montgomery, W. I. and Macneil, C. (2003) Differences in composition of macroinvertebrate communities with invasive and native *Gammarus* spp. (Crustacea: Amphipoda). *Freshwater Biology* **48**: 306-315.
- Kelly-Quinn, M., Bradley, C., Murray, D., Tierney, D., Ashe, P., Bracken, J. and McGarrigle, M. (2003) Physico-chemical characteristics and macroinvertebrate communities of the Caher River. *Biology and Environment: Proceedings of the Royal Irish Academy* **103B**: 187-196 (Coleoptera, Diptera, Ephemeroptera, Hemiptera, Lepidoptera, Plecoptera, Trichoptera).
- Kelly-Quinn, M., Murray, D., Bradley, C. and Tierney, D. (2002) The biological integrity of aquatic systems a perspective on invertebrates. In Convery, F. and Feehan, J. (eds) *Achievement and Challenge Rio +10 and Ireland*. The Environmental Institute, Dublin.
- Kibichii, S., Baars, J.-R. and Kelly-Quinn, M. (2009) Optimising sample volume and replicates using the Bou-Rouch method for the rapid assessment of hyporheic fauna. *Marine and Freshwater Research* **60**: 83-96.

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- Knight, L. R. F. D. and Penk, M. R. (2010) Groundwater Crustacea of Ireland: a survey of the stygobitic Malacostraca in caves and springs. *Biology and Environment: Proceedings of the Royal Irish Academy* **110B**: 211-235 (Coleoptera, Collembola, Diptera, Ephemeroptera, Plecoptera, Trichoptera).
- Little, R., Bowman, J. J., McGarrigle, M. L., Free, G., Donnelly, K., Tierney, D., Caroni, R. and Irvine, K. (2007) Implementation of the Water Framework Directive: investigations for establishing a lake typology using littoral macroinvertebrates in the Republic of Ireland. *Verhandlungen der Internationalen Vereinigung für Theoretische und Angewandte Limnologie* **29**: 2192-2196.
- Long, M. (2004) Report of Galway Naturalists' Field Club (Club Nádúraithe na Gaillimhe) 2002-2003. *Irish Naturalists' Journal* **27**: 366-368 (Coleoptera, Lepidoptera).
- Lynch, Á. B. and McCann, Y. (2007) The diet of the pine marten (*Martes martes*) in Killarney National Park. *Biology and Environment: Proceedings of the Royal Irish Academy* **107B**: 67-76 (Coleoptera, Hymenoptera, Lepidoptera. None identified to species).
- Maki, A. M. (2010) Aquatic macroinvertebrate biodiversity of an Irish constructed wetland system, two years after construction. *Bulletin of the Irish Biogeographical Society* **34**: 128-138 (Coleoptera, Diptera, Hemiptera, Lepidoptera).
- Martin, R., Oxbrough, A., Gittings, T., Kelly, T. C. and O'Halloran, J. (2010) New records and rare invertebrate specimens recorded during a decade of forest biodiversity research in Ireland. *Antenna* **34**: 11-118 (Coleoptera, Diptera).
- Mayhew, P. (2011) Meeting reports. Insect Parasitoid Special Interest Group. *Antenna* **35**: 44-45 (Annette Anderson: agricultural grassland arthropod diversity).
- McCormack, S., Nolan, M. and Regan, E. (2006) Coleoptera, Araneae, and aquatic Hemiptera recorded from three mountain areas in northwestern Ireland. *Bulletin of the Irish Biogeographical Society* **30**: 302-333.
- McGoff, E. and Irvine, K. (2009) A test of the association between Lake Habitat Quality Assessment and macroinvertebrate community structure. *Aquatic Conservation: Marine & Freshwater Ecosystems* **19**: 520-533.
- McGuinness, C. A., Bradley, C. and Kelly-Quinn, M. (2006) Composition of ephemeropteran communities along a pollution gradient in Irish rivers. *Verhandlungen der Internationalen Vereinigung für Theoretische und Angewandte Limnologie* **29**: 1095-1098.
- McLean, I. (2008) Notable recent records. *Sciomyzidae Recording Scheme*

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Section 26. Pests

- Baars, J.-R. (2011) Classical biological control for the management of alien invasive species in Ireland. *Biology and Environment: Proceedings of the Royal Irish Academy* **111B**: 1-10 (Coleoptera, Collembola, Diptera, Hemiptera, Hymenoptera, Lepidoptera).
- Baars, J.-R., Coetzee, J. A., Martin, G., Hill, M. P. and Caffrey, J. M. (2010) Natural enemies from South Africa for biological control of *Lagarosiphon major* (Ridl.) Moss ex Wager (Hydrocharitaceae) in Europe.

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- Day, K. R. (2002) The green spruce aphid – a pest of spruce in Ireland. *COFORD Connects – Silviculture and Forest Management No. 4*. COFORD, Dublin.
- Everard, A., Griffin, C. T. and Dillon, A. B. (2009) Competition and intraguild predation between the braconid parasitoid *Bracon hylobii* and the entomopathogenic nematode *Heterorhabditis downesi*, natural enemies of the large pine weevil, *Hylobius abietis*. *Bulletin of Entomological Research* **99**: 151-161 (Coleoptera, Hymenoptera).
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- Haukeland, S. and Lola-Luz, T. (2010) Efficacy of the entomopathogenic nematodes *Steinernema kraussei* and *Heterorhabditis megidis* against the black vine weevil *Otiorhynchus sulcatus* in open field-grown strawberry plants. *Agricultural and Forest Entomology* **12**: 363-369.
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- Lola-Luz, T., Downes, M. and Dunne, R. (2005) Control of black vine weevil larvae *Otiorhynchus sulcatus* (Fabricius) (Coleoptera: Curculionidae) in grow bags outdoors with nematodes. *Agricultural and Forest Entomology* **7**: 121-126.

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- Murchie, A. K. (2009) Meeting report. The 2008 Northern Irish Regional. *Antenna* **33**: 96-97 (Diptera: blue tongue virus).
- O'Connor, J. P. (2005) *Glischrochilus hortensis* (Geoffroy) (Nitidulidae) attacking raspberries and tomatoes in Ireland. *The Coleopterist* **14**: 6.
- O'Connor, J. P. and Ashe, P. (2007) Contributions towards a checklist of insects feeding on Irish trees. Part 1: Hymenoptera, Lepidoptera and Orthoptera. *Bulletin of the Irish Biogeographical Society* **31**: 197-267.
- Paine, T. D., Steinbauer, M. J. and Lawson, S. A. (2011) Native and exotic pests of *Eucalyptus*: a worldwide perspective. *Annual Review of Entomology* **56**: 181-201 (Coleoptera, Hemiptera).
- Parker, W. E. and Howard, J. J. (2001) The biology and management of wireworms (*Agriotes* spp.) on potato with particular reference to the U.K. *Agricultural and Forest Entomology* **3**: 85-98.
- Phillips, C. B., Iline, I. I., Vink, C. J., Winder, L. M. and McNeill, M. R. (2006) Methods to distinguish between the *Microctonus aethioides* strains that parasitise *Sitona lepidus* and *Sitona discoideus*. *New Zealand Plant Protection* **59**: 297-303 (Coleoptera, Hymenoptera).

Appendix 1. Main journals abstracted in the Supplement.

Partial runs of other journals were also examined.

Acta Zoologica Academiae Scientiarum Hungaricae

Antenna

Apidologie

Aquatic Insects

Arthropod Systematics and Phylogeny (was *Entomologische Abhandlungen*)

Atropos

Biodiversity Ireland. Bulletin of the National Biodiversity Data Centre

Biological Journal of the Linnean Society

Biology and Environment: Proceedings of the Royal Irish Academy

Bonn zoological Bulletin (*Bonner zoologische Beiträge*)

British Journal of Entomology and Natural History

British Simuliid Group Bulletin

Bulletin of the Amateur Entomologists' Society

Bulletin of the Dipterists Forum

Bulletin of Entomological Research

Bulletin of the Irish Biogeographical Society

Bulletin of the Natural History Museum. Entomology Series

BWARS Newsletter

Cecidology

Chironomus. Newsletter on Chironomidae Research

Contributions to Zoology

Deutsche Entomologische Zeitschrift

Dipterists Digest

Ecological Entomology

Entomofauna

Entomologische Berichten

Entomologist's Gazette

Entomologist's Monthly Magazine

Entomologist's Record and Journal of Variation

European Mosquito Bulletin

Fauna Entomologica Scandinavica

FBA News

FBA Occasional Publications

FBA Scientific Publications

FBA Special Publications

Freshwater Biology

Freshwater Forum

Freshwater Reviews

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Handbooks for the Identification of British Insects
Hetnews. Newsletter of the Heteroptera Recording Schemes
Hoverfly Newsletter
Insect Systematics and Evolution
Insecta Mundi
Irish Biogeographical Society Macro Series
Irish Biogeographical Society Occasional Publications
Irish Naturalists' Journal
Irish Wildlife Manuals
Italian Journal of Zoology
Journal of Natural History
Journal of the British Dragonfly Society
Journal of Zoology
Latissimus
Latvijas Entomologs
Medical and Veterinary Entomology
Revue Suisse de zoologie
Smithsonian Contributions to Zoology
Systematic Entomology
Systematics and Biodiversity
The Coleopterist
*Verhandlungen der Internationalen Vereinigung für Theoretische und
Angewandte Limnologie*
Zoologica Baetica
Zoologische Mededelingen
Zoologische Verhandelingen
Zootaxa
Zoological Journal of the Linnean Society

Appendix 2. Bibliography of works by Alexander Henry Haliday

(Reproduced from Nash, R. and O'Connor, J. P. (2011) Notes on the Irish entomologist Alexander Henry Haliday (1806–1870). *Bulletin of the Irish Biogeographical Society* **35**: 64-112).

- 1824-1840** Contributions to Curtis, J. *British Entomology; being illustrations and descriptions of the genera of insects found in Great Britain and Ireland: containing coloured figures from nature of the most rare and beautiful species, and in many instances of the plants upon which they are found*. London. 16 volumes (sometimes bound as eight volumes). 193 Folios, 770 coloured plates [Dissection drawings, text for much of the folios relating to Hymenoptera and Diptera].
- 1828** Notices of insects taken in the North of Ireland. *Zoological Journal* **3**: 500-501.
- 1832** The characters of two new dipterous genera with indications of some generic subdivisions and several undescribed species of Dolichopidae. *Zoological Journal* **5**: 350-368. 1 plate.
- 1833** Catalogue of Diptera occurring about Holywood in Downshire. *Entomological Magazine* **1**: 147-180.
- 1833** An essay on the classification of the parasitic Hymenoptera of Britain, which correspond with the Ichneumonones minuti of Linnaeus. *Entomological Magazine* **1**: 259-276.
- 1833** Essay on the classification of parasitic Hymenoptera, &c. *Entomological Magazine* **1**: 333-350.
- 1833** Defence of Mr. Westwood's conduct. *Entomological Magazine* **1**: 424.
- 1833** Essay on the classification of parasitic Hymenoptera, &c. *Entomological Magazine* **1**: 480-491.
- 1833** Generic names should be of Greek derivation. *Entomological Magazine* **1**: 515-516.
- 1833** Burrowing Hymenoptera. *Entomological Magazine* **1**: 516.
- 1833** Public Entomological Collection. *Entomological Magazine* **1**: 518-519.
- 1833-1842** with Walker, F. *Monographia Chalciditum*. London [Much of this work was collaborative with Haliday who was the sole author of the sectional diagnoses. In the M. W. R de V. Graham collection of Francis Walker papers, there is an annotated (by Walker) copy of this work. Formerly this was the property of Haliday and he had gummed into it proof copies of his figures of Chalcidoidea (*Entomologist* Volume 1), plates A-P. Reproduced and dated in O'Connor, Nash and Boucek (2000)] [The work was earlier known as *Monographia Chalcidum*.] (**See also**

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entry for 1840-1842).

- 1834** Essay on the classification of parasitic Hymenoptera, &c. *Entomological Magazine* **2**: 93-106.
- 1834** *Aleyrodes Phillyreae*. *Entomological Magazine* **2**: 119-120.
- 1834** Notes on the Bethyli and on *Dryinus pedestris*. *Entomological Magazine* **2**: 219-221.
- 1834** Essay on the classification of parasitic Hymenoptera, &c. *Entomological Magazine* **2**: 225-259.
- 1835** Essay on parasitic Hymenoptera. *Entomological Magazine* **2**: 458-467.
- 1835** Curious economy of *Gyrinus villosus*. *Entomological Magazine* **2**: 530-531.
- 1835** *Psychoda nervosa*. *Entomological Magazine* **2**: 531.
- 1835** Essay on parasitic Hymenoptera. *Entomological Magazine* **3**: 20-45.
- 1835** Essay on parasitic Hymenoptera. *Entomological Magazine* **3**: 121-147.
- 1836** British species of the dipterous tribe Sphaeroceridae. *Entomological Magazine* **3**: 315-336.
- 1836** An epitome of the British genera, in the order Thysanoptera, with indications of a few of the species. *Entomological Magazine* **3**: 439-451.
- 1837** Essay on parasitic Hymenoptera. *Entomological Magazine* **4** (1836): 38-59.
- 1837** Parasitic Hymenoptera. *Entomological Magazine* **4** (1836): 92-106.
- 1837** Additional notes on the Order Thysanoptera. *Entomological Magazine* **4** (1836): 144-146.
- 1837** Notes, &c upon Diptera. *Entomological Magazine* **4** (1836): 147-152.
- 1837** Notes about *Cilenum laterale* and a submarine species of Aleocharidae. *Entomological Magazine* **4**: 251-253.
- 1837** with J. Curtis and F. Walker. Descriptions etc. of the insects collected by Captain P. P. King, R.N., F.R.S., in the survey of the straits of Magellan. *Transactions of the Linnean Society of London* **17**: 315-359 [Haliday is responsible for "Descriptions, etc. of the Hymenoptera" Pp 316-331.]
- 1837** Essay on parasitic Hymenoptera. *Entomological Magazine* **4**: 203-221.
- 1837** with J. Curtis, J. Dale, and F. Walker. Second edition of *A guide to an arrangement of British insects being a catalogue of all the named species hitherto discovered in Great Britain and Ireland*. London [Six pages of introductory matter are followed by 282 columns of insect names in two columns per page systematically arranged and followed by an index to genera. This work attributed to John Curtis was in fact co-authored with John Dale, Francis Walker and Alexander Henry Haliday; Haliday and Walker writing almost the whole of the sections on Diptera and parasitic Hymenoptera. The list contains 1,500 generic and 15,000 specific names.

- Ireland and Britain are not separated].
- 1838** Essay on the classification of parasitic Hymenoptera. *Entomological Magazine* **5**: 209-248, plate.
- 1838** Note on *Dryinus*, &c. *Entomological Magazine* **5**: 518.
- 1838** Note on the genus *Epyris*. *Entomological Magazine* **5**: 519.
- 1838** Addenda to the genus *Alysia*. *Entomological Magazine* **5**: 519.
- 1838** Description of the larva [of *Blaps mortisaga*]. *Transactions of the Entomological Society of London* **2**: 100-102, figure.
- 1838** New British Insects indicated in Mr. Curtis's Guide. *Annals of Natural History Series 1, 2*: 112-121.
- 1838** New British Insects indicated in Mr. Curtis's Guide. *Annals of Natural History Series 1, 2*: 183-190.
- 1839** *Hymenoptera Britannica: Oxyura*. Fascicule **1**. Hippolytus Ballière, London.
- 1839** *Hymenopterorum synopsis ad methodum clm. Fallenii ut plurimum accommodata. Addendum to Hymenoptera Britannica: Alysia*. Hippolytus Ballière, London. 4pp.
- 1839-1840** contributions to Westwood, J. O. *An introduction to the modern classification of insects; founded on the natural habits and corresponding organisation of the different families*. Longman, Orme, Brown, Green and Longmans, London. **Volume I** (1839): 1-462; **Volume II** (1840): 1-587.
- 1841** Genus *Amphyginus* of Haliday. *Entomologist* **1**: 175.
- 1841** Note on the primary divisions of Carabidae. *Entomologist* **1**: 185-186.
- 1841** Notes on Staphylinidae. *Entomologist* **1**: 186-188.
- 1841** Irish species of *Mylaechus*. *Entomologist* **1**: 190.
- 1840-1842** Plates of Chacidoidea. *Entomologist* **1**: plates A-P [These plates illustrate species described by Francis Walker. Although Haliday's name did not appear on the plates, his authorship is indicated by a shamrock. Plate P depicts Darwin material. Further information will be found in O'Connor, Nash and Bouček (2000)].
- 1842** Note on *Adelotopus*. *Entomologist* **1**: 305-306.
- 1844** P. 209. In Thompson, W. Report on the fauna of Ireland: Div. Invertebrata. Pp 245-291. *Report of the thirteenth meeting of the British Association for the Advancement of Science held at Cork in August 1843*. John Murray, London.
- 1847** Reports on Zoology for 1843, 1844. Translated from the German by George Busk, Esq., F.R.C.S.E., Alfred Tulk, Esq. and Alexander H. Haliday, Esq. Printed for the Ray Society, London.
- 1848** [On *Branchiotoma Spongillae* (larva *Sisyra*) and on *Coniopteryx tineiformis*] in Exhibitions, Memoirs, &c. *Proceedings of the*

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Entomological Society of London: xxxi-xxxii in Transactions of the Entomological Society of London 5.

- 1851-1856** in Walker, F. *Insecta Britannica Diptera*. 3 volumes. Reeve and Benham, London [the characters and synoptical tables of (a) the order (**Volume I**: 1-9); (b) the Empidae (**Volume I**: 85-88); (c) the Syrphidae (**Volume I**: 234-237)]; [chapters on (a) the Dolichopidae (**Volume I**: 144-221); (b) the Borborides (**Volume II**: 171-184); (c) the Hydromyzides (**Volume II**: 247-269)]; [the addenda and corrigenda (**Volume III**: xi-xvi)]; [contributions to the plates of J. O. Westwood]; [separates the "Britannic" Diptera into those from England, Scotland, Wales and Ireland e.g. (E.S.W.I.)].
- 1851** with Dohrn, C. A. Wissenschaftliche Mittheilungen Sendschreiben von Alexis H. Haliday an C. A. Dohrn über die Dipteren der in London befindlichen Linnéischen Sammlung. Aus dem Englischen überstezt von Anna Dohrn. *Stettiner Entomologische Zeitung* **12**: 131-145.
- 1852** in Walker, F. *List of the specimens of homopterous insects in the collection of the British Museum. Part IV*: 1094-1118. Plates v-viii. British Museum, London.
- 1855** Review. Recent works on the Diptera of Northern Europe. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **2**: 49-61.
- 1855** Notes on various insects captured or observed in the neighbourhood of Dingle, Co Kerry, in July, 1854. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **2**: 50-55 (with Authur Riky Hogan).
- 1855** Descriptions of insects figured, and references to plates illustrating the notes on Kerry insects. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **2**: 59-64. Plate 2 and *Zoologist* p. 4756.
- 1855** [On some Irish and other insects]. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **2**: 116-124. Plate III.
- 1855** Gelegentliche Bemerkungen über entomologische Nomenclatur. *Entomologische Zeitung. Herausgegeben von dem Entomologischen Verine zu Stettin* **16**: 287-290.
- 1855-1873** with Stainton, H. T., Zeller, P. C., Douglas, J. W. and Frey. H. *The Natural History of the Tineina*. 13 volumes (2000 pages. English, French, German and Latin editions. Text additions, synonymies and translations). J. Van Voorst, London.
- 1856** On the wing veins of insects. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **2**: 59-64 [See footnote

- on p. 64 of Westwood, J. O.
(1856) Notes on the wing veins of insects. *Transactions of the Entomological Society of London*. New Series **4**: 60-64].
- 1856** [Review] Recent works on the Diptera of Northern Europe. Supplementary Notice. Zetterstedt, *Diptera Scandinaviae*. Tom. XII 8vo. Lundae, 1855. Stenhammar, *Copromyzinae Scandinaviae*. 8vo. Pp 184. Holmiae 1855. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **3**: 32-33.
- 1856** [Review] The philosophy of natural history. Das Leben in der Natur. Bildungs und Entwicklungsstufen desselben in Pflanze, Thier und Mensch. Naturhistorisch-philosophisch dargestellt von Professor Hinrichs. 8vo. Halle: 1854. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **3**: 33-37.
- 1856** Insecta. Pp 365-366 in Thompson, William (edited by Robert Patterson) *The Natural History of Ireland*. **4**. Mammalia, Reptiles and Fishes; also, Invertebrata. Henry G. Bohn, London.
- 1856** [Review] The Natural History of Ireland in four volumes Vol. IV. Mammalia, Reptiles, and Fishes; also Invertebrata. By the late William Thompson, Esq. 8vo. London: Henry G. Bohn, York-street, Covent Garden. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **3**: 60-62.
- 1856** On the affinities of the Aphaniptera among insects. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **3**: 9-19. Table 1.
- 1856** [presented detailed descriptions of two coleopterous larvae: *Ochthebuis* [sic] *punctatus* and *Diglossa mersa*]. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **3**: 20-21. Plate 3, figures 3 and 4.
- 1856** Larvae infesting the horns of *Oreas canna*, etc. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **3**: 23. Plate 1, figure 3.
- 1856** [Mr Haliday gave a sketch of the present state of knowledge of the Organization, Classification, and Natural History of the Rotifera]. Dublin University Zoological Association. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **3**: 71.
- 1856** Notes on Irish Diptera. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **3**: 73 [*Clunio marinus* and *Orphnephila testacea*].
- 1857** Entomological notes. In Dublin University Zoological and Botanical Association. *Natural History Review* (including the Proceedings of the

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- Irish Natural History Societies) **4**: 31-36.
- 1857** [Review] Wahre Parthenogenesis bei Schmetterlingen und Bienen ein beitrug zur Fortpflanzungsgeschichte der Thiere. Von C. Th. E. von Siebold. 8 vo. Leipzig. 1856. On a true Parthenogenesis in Moths and Bees, a Contribution to the History of Reproduction in Animals. By C. Th. von Siebold; translated by W. S. Dallas, F.L.S., &c., 8vo. Van Voorst. London. 1857. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **4**: 64-68.
- 1857** [Review] Zoonomische Briefe: Allgemeine Darstellung der thierischen Organisation Von Dr. Hermann Burmeister, Professor der Zoologie zu Halle. Erster und Zweiter Theil. 8vo. Otto Wigand: Leipzig. 1856. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **4**: 69-77.
- 1857** Neuroptera. Explanation of terms used by Dr. Hagen in his synopsis of the British Dragon-flies. *Entomologist's Annual* 164-165. Figure.
- 1857** Note on a peculiar form of the ovaries observed in a hymenopterous insect, constituting a new genus and species of the family Diapriidae. *In* Dublin University Zoological and Botanical Association. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **4**: 166-174. 1 plate.
- 1857** On some remaining blanks in the natural history of the native Diptera. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **4**: 177-196. 1 plate [List of the genera and species of British Diptera, the earlier stages of which are more or less perfectly known with references to the principle authorities. Additional note on the metamorphosis of some species of Diptera hitherto undescribed or known but imperfectly].
- 1857** with Wright, E. P. Notes of a visit to Mitchelstown Caves by E. Percival Wright, A.B., M.R.I.A., Director of the Dublin University Museum; Hon. Sec. Dublin University Zoological and Botanical Association. With supplemental notes of the blind fauna of Europe by A. H. Haliday, A.M., M.R.I.A., F.L.S., vice-president of the Dublin University Zoological and Botanical Association. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **4**: 231-234.
- 1857** with William Henry Harvey. [Review] Retrospect of various works published during the last year, new editions, and new works in progress. *Natural History Review* (including the Proceedings of the Irish Natural History Societies) **4**: 27-42.
- 1857** with other editors. Dublin Natural History Society [Obituary of Robert Ball]. *Natural History Review* (including the Proceedings of the Irish

- Natural History Societies) **4**: 146-148.
- 1862** Caractères de deux nouveaux genres d'Hyménoptères de la famille des Chalcididae de la collection du docteur Sichel. *Annales de la Société Entomologique de France* (Series 4) **2**: 115-118.
- 1863** [dans une lettre adressée à M. le Dr Sichel, donne les détails suivants au sujet de la soie produite par les larves du genre *Embia*]. P. iii in Séances de la Société Entomologique de France. *Annales de la Société Entomologique de France* (Series 4) **3**.
- 1864** *Iapyx*, a new genus of insects belonging to the stirps *Thysanura*, in the order *Neuroptera*. *Transactions of the Linnean Society of London* **34**: 441-447.
- 1865** On *Dicellura*, a new genus of insects belonging to the Stirps *Thysanura*, in the order *Neuroptera*. *Journal of the Linnean Society of London* **8**: 162-163.
- 1868** Relazione sul Baco dell Oliva — Estratta dall'Agricoltore, periodico mensile del Comizio Agrario Lucchese. Lucca.
- 1868** Description of *Periphyllus laricae* n.sp. *Annales de la Société entomologique de France* **8**: xi-xiii.
- 1869** [Translation of Prof. Hermann Loew's paper on Blepharoceridae]. La Famiglia dei Blefaroceridi (Blepharoceridae). *Bulletino della Società Entomologica Italiana* **1**: 85-98.
- 1869** [as Alessandro Enrico Haliday] Note sulla precedente memoria del Prof. Loew. *Bulletino della Società Entomologica Italiana* **1**: 99-101.
- 1870** Description d'une espèce nouvelle de la famille des Curculionites:- *Rhynchites coligatus*. *Annales de la Société Linnéenne de Lyons* **18**: 125.
- 1885** [posthumous] (edited by S. A. Stewart) Notes on Irish Coleoptera. *Proceedings Belfast Naturalists' Field Club*. Appendix 1883-1884. Appendix viii. Pp 211-223.

Author Index to Bibliography and Supplements

This index contains the names of authors occurring in *A bibliography of Irish Entomology* (**B**), the *First Supplement* (**1**) and the *Second Supplement* (**2**). Anon. (Anonymous) is not included.

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ISBN 978-0-9550806-6-1

Grehan Printers, Dublin 2