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PUBLISHED WORK TO 2007

Books and book-length work:

1. "Man & the Stars", Souvenir Press 1974; hardcover and paper in UK, USA and France, paperback in Spain & Greece, serialised in Holland and Japan; illus. Ed Buckley and Gavin Roberts. Second book in preparation.
2. "New Worlds for Old", David & Charles, 1979, hardcover in UK and USA; illus. Ed Buckley and Gavin Roberts. Second edition in preparation.
3. "Man & the Planets", Ashgrove Press, 1983, hardcover and paperback, imported to USA; illus. Ed Buckley and Gavin Roberts. Second edition in preparation.
4. (Editor) "Starfield: science fiction by Scottish writers", Orkney Press, 1989; illus. Sydney Jordan and Alasdair Gray; trans. Fenix magazine, Poland.
5. "Children from the Sky", fifth draft in preparation; illus. Sydney Jordan.
6. 800-page correspondence course in GCSE English Literature, International Correspondence Schools; specialist topics including Lord of the Flies, Pride and Prejudice, Macbeth, She Stoops to Conquer, war poems and love poems.

Contributor to:

1. "Beyond This Horizon", Chris Carrel, ed., Ceolfrith Arts Centre, 1973. *
2. "Destiny: Mars!" M.W. Saunders, Downs Books, 1975. *
3. "Science Fiction Story Reader 8", Herbert Francke, ed., Heyne Verlag, 1978. **
4. "Extraterrestrial Encounter", Chris Boyce, David & Charles Ltd., 1979; reprinted in US hardback and UK paperback. *
5. "The High Frontier", Bob Low. ed., Third Eye Centre, Glasgow, 1979. *
6. "The Science Fictional Solar System", Asimov, Greenberg & Waugh, eds.; Harper & Row, 1979; reprinted in UK hardback and paperback, also SF Book Club edition. **
7. "Neue Beweise", W.A. Fuchs, ed., Moewig Verlag, 1979; reprinted in Spanish. *

8. "Twentieth Century Science Fiction Writers", 1st edition, St. James Press, 1985 (one essay); 3rd edition, ed. Noelle Watson, Paul E. Schellinger, 1991 (three essays).

9. "Aus den Tiefen des Alls", P. Fiebag, ed., Hohenrain, 1985. *
10. "Comets", Asimov, Greenberg & Waugh, eds., Signet, 1986. **
11. "There Will Be War, Vol. 5: Warrior", J.E. Pournelle & John F. Carr, eds., Tor Books, 1986. **
12. "The Old Grey Wassail Test", Gytha North, ed., Becon Publications, 1987. ***
13. "The Drabble Project", Rob Meades & David P. Wake, eds., Becon Publications, 1988. **
14. "Starfield", Duncan Lunan, ed., Orkney Press, 1989; trans. Fenix Publications, Poland, in press. **
15. "Fantazia", Samo Resnik, ed., Casopis za kritiko znanosti, Ljubjana, Jugoslavia, 1990. *
16. "Fantazia 2", Samo Resnik, ed., in press. *
17. William Rudling, ed., "The Martian Quartet", Jeff Hawke Club, 2004.*****
18. William Rudling, ed., "The Lunar 10", Jeff Hawke Club, in press.*****

* **Non-fiction**: see 'Papers & Major Articles' below.

** **Fiction**: see 'Short Stories' below.

*** See **Music** below.

***** **Critical**: see below.

PUBLISHED WORK - PAPERS AND MAJOR ARTICLES.

1. "'Folk Song Today', and Other Headings', Glasgow University Magazine, 1965.
2. 'Has Probe from Outer Space Been Trying to Communicate with Us?', The Glasgow Herald, February 17th, 1973.
3. 'Space Probe from Epsilon Boötis', Spaceflight, April 1973; reprinted Pursuit, 1975; illus. Ed Buckley and Gavin Roberts.
4. 'Space Probe from Epsilon Boötis', in "Beyond This Horizon" (see Books) ; illus. Ed Buckley and Gavin Roberts.
5. 'Space Probe from Epsilon Boötis?', Analog, January 1974; illus. Ed Buckley and Gavin Roberts.
6. 'Backing for the Space Probe Theory?', The Glasgow Herald, February 2nd, 1974.
7. 'Pyramids and Mars', in "Destiny: Mars!" (see Books); reprinted in Pursuit, 1975.
8. 'Speculating about Interstellar Travel', The Glasgow Herald, April 6th, 1976.
9. 'Apollo through Binoculars', The Glasgow Herald, June 12th, 1976; reprinted ASTRA Spacereport, March 2003.
10. 'Profile – Brian Aldiss', Glasgow Herald, 1976.
11. 'Long-Delayed Echoes and the Extraterrestrial Hypothesis', Journal of the Society of Electronic and Radio Technicians, September 1976.
12. 'Introduction to ASTRA', ASTRA, 1977/78, illus. Gavin Roberts; Spectrum, March 1977.
13. 'Space Notes', Spectrum, June 1977.
14. 'Space Notes', Spectrum, July 1977.
15. 'Space Notes', Space Outlook, August 1977.
16. 'Shelfspace: review, "The Iron Sun", by Adrian Berry', Space Outlook, August 1977.
17. 'A Dust Cloud Orbiting the Sun?', Griffith Observer, August 1977; reprinted Asgard, 1977, ISTRA Journal, 1982; illus. Gavin Roberts.
18. 'Shelfspace: review, "The High Frontier", by Gerard K. O'Neill, Space Outlook, September 1977.

19. 'The Case for the European Space Association', New Europe, Winter 1977/78.
20. 'The Rôle of Nonweiler Waverider Spacecraft in Exploring and Developing the Solar System', L5 Society (Western Europe) Conference, 1977; reprinted (abridged) Asgard, 1978; (in full) Spacereport, 1981; (abridged) Journal of the British Interplanetary Society, January 1982; (in full, updated), ISTRA Journal, 1982.
21. 'Author Who Keeps His Fingers Crossed It Never Happens', (profile – Chris Boyce), Glasgow Herald, June 7, 1978.
22. 'Starry-Eyed SF', (originally '1978 – Summary of the SF Year'), Glasgow Herald, December 28, 1978.
23. 'Past Contact and the Moving Caravan', (guest chapter) in "Extraterrestrial Encounter", 1979 (see Books).
24. 'Space Notes', Second Look, March 1979.
- 25/26. 'Are Humans a Protected Species?', Second Look, June 1979. Translated as 'Is Man a Protected Species?' in "Neue Beweise", 1979 (see Books); reprinted Mundo Desconocido, Spain, 1980, and in "Aus den Tiefen des Alls", 1985 (see Books).
27. 'The Politics of Near Space' in "The High Frontier", 1979 (see Books).
28. Captions, 'The High Frontier – a Decade of Space Research' exhibition, Third Eye Centre, 1979; reprinted in Spacereport, May 1982.
29. 'SETI', Astronomy Quarterly, (Scotland), Autumn 1979.
30. 'Past Visions of the Shape of Things to Come' (review of Strathclyde University exhibition 'The Discovery of the Future'), Glasgow Herald, March 22, 1980.
31. 'Conflict at Jutland Is Brought Vividly to Life' (review, Anthony Pollen, "The Great Gunnery Scandal – the Mystery of Jutland"), Glasgow Herald, September 15, 1980.
32. 'Under a Bright and Ancient Sky', (review, E.C. Krupp, "In Search of Ancient Astronomies"), Glasgow Herald, January 5, 1981.
33. 'Keep Watching the Skies!', commissioned and accepted by David Langford for Extro no.4, 1982 (not printed because magazine ceased publication!)
34. 'Nuclear Waste Disposal in Space', Journal of the British Interplanetary Society, April 1983; reprinted Infinity, 1984; illus. Ed Buckley.
35. 'Flying Visit from a Space Traveller', (originally 'The Cometary Flyby'), Glasgow Herald, 17th May 1983.

36. Review, "The Science in Science Fiction", edited by Peter Nicholls, Glasgow Herald, 1983.
37. 'Project Starseed: an Integrated Programme for Nuclear Waste Disposal and Space Solar Energy', JBIS September 1983; reprinted Infinity, 1985; illus. Ed Buckley.
38. 'Appreciation of Chris Boyce', Invention Programme Book, September 1983.
39. 'Chris Boyce Bibliography', Invention Programme Book, September 1983.
40. 'Spacelab', Invention Programme Book, September 1983.
41. Review, 'Julius Caesar', Jordanhill College, May 1984.
42. Review, 'High Level Ranters', The Glasgow Herald, June 4th, 1984.
43. Review, 'Radio Clyde Folk Concert', The Glasgow Herald, June 1984, The Broadsheet, 1984.
44. 'Shuttle – Eyewitness Accounts', Free Space News, November 1984.
45. 'Solar Mesosphere Explorer', Free Space News, January-February 1985.
46. 'Project Starseed, or, Nuclear Waste Saves the World', Analog, February 1985; illus. Ed Buckley.
47. 'Waveriders', Space World, May 1985, simultaneously in Space Voyager; illus. Ed Buckley and Gavin Roberts.
48. '*Challenger and Discovery*', Interstel, 1985; reprinted Spacereport, March 2003.
49. '20 Years of SF Conventions', Albacon 85 Programme Book, July 1985.
50. 'Anne McCaffrey, an Appreciation', Albacon 85 Programme Book, July 1985.
51. 'Astronomy in California', Astronomical Society of Edinburgh Journal 12, July 1985.
52. 'Industrial Action', Space Voyager, September 1985; illus. Tom Campbell.
53. 'Argo Venture', Free Space News, September & October 1985.
54. 'Project Starseed', Space Voyager, November 1985 (not printed because magazine ceased publication!); illus. Tom Campbell.
55. 'Charles Chilton', essay in "Twentieth Century Science Fiction Writers", St. James Press, Chicago, 1985.

56. 'Challenger Gone', Free Space News, February 1986; reprinted Spacereport, April 1987, Spacereport, March 2003.
57. 'The Wonderful Mirror', Free Space News, February 1986.
58. '1986 in Space', Free Space News, February 1986.
59. 'The Volcanoes of Io', Interstel, 1986.
60. 'Joe Haldeman, an Appreciation', Albacon III programme book, March 1986.
61. 'Science Fiction Fans Meet in Glasgow', (originally 'Albacon III/Short Story Competition'), Glasgow Herald, March 29, 1986.
62. (with Bill Ramsay) 'Astronomy, Spaceflight and Education', Space Education, May 1986; illus. Gavin Roberts.
63. 'Fermi Paradox - the Final Solution?', Analog, May 1986; illus. Gavin Roberts.
64. 'Solar Events at Sighthill', Griffith Observer, June 1986; illus. Gavin Roberts, Richard Robertson, et al.
65. 'Yamamoto and Naval Strategy', research report for A. Graeme Adam, summer 1986.
66. 'Harry Harrison, an appreciation', Xiicon Programme Book, September 1986.
67. 'Archaeoastronomy from the Air', Griffith Observer, November 1986; illus. Chris Stanley.
68. 'Shadows on the Milky Way', (Honorable Mention, 1985 Griffith/Hughes Aircraft Essay Competition), Griffith Observer, December 1986; illus. Richard Robertson.
69. 'A View from Here', ASTRA Spacereport, January 1987.
70. 'The Neptune Options', Spacereport, January 1987.
71. 'Notes towards a Politics of Survival', Science & Public Policy, February 1987; translated in Katedra, Yugoslavia, January 1987; reprinted in "Fantazia", Yugoslavia 1990 (see Books).
72. 'Project Starseed', revised version, Settlers Sentinel, 1987; illus. Ed Buckley and Gavin Roberts.
73. 'An Introduction to Chris Boyce', Albacon 87 Progress Report 2.
74. Obituary, 'Victor Hirt', Spacereport, June 1987.

75. 'Short Story Competition', and 'Introduction' to SF story, Albacon 87 Programme Book, June 1987.
76. 'Introduction', "Slightly Worrying Visions", Glasgow SF Writers' Circle, 1987.
77. 'More Than Spaceships, Ray Guns, and Aliens', (introducing Herald competition winner), Glasgow Herald, June 20, 1987.
78. 'Plus Ça Change', Spacereport, October 1987.
79. 'The Politics of Near Space', The World & I, October 1987; also sold in Germany.
80. 'A Stone Circle for Glasgow', Tournaments Illuminated, Winter 1987; illus. Richard Robertson.
81. 'The Fermi Paradox', Speculations in Science & Technology, January 1988, illus. Ed Buckley and Gavin Roberts; updated and reprinted Asgard, November 2002, illus. Gavin Roberts.
82. 'The IAF Congress and Beyond', ASTRA Spacereport, January 1988.
83. 'Of "Practical Geometry" [by David Gregory, 1745] – and Other Practicalities', Spacereport, January 1988.
84. 'Fantastic Challenge' (1988 short story competition), Glasgow Herald, February 1988.
85. Review, "The Soviet Cosmonaut Team", by Gordon R. Hooper, ASTRA Spacereport, April 1988.
86. 'Space at the Worldcon', ASTRA Spacereport, April 1988; reprinted Rocket Review, December 1989.
87. 'Glasgow Herald/Albacon Short Story Competition', Glasgow Herald, July 30, 1988.
88. Introduction, "New Writings in SF", Glasgow SF Writers Circle, 1988.
89. 'Journey to the Sun', ASTRA Spacereport, July 1988; illus. John Bonsor.
90. 'The Soviet Space Shuttle', ASTRA Spacereport, September 1988
91. 'The Oldest Stones', ASTRA Spacereport, September 1988.
92. 'Nuclear Waste: Slingshot into Space', World Magazine, October 1988 (abridged), illus. Tom Campbell, Sydney Jordan and Theyan Rich; longer version

'Nuclear Waste - into Space?', The Journal of Practical Applications in Space, Spring 1990, illus. Sydney Jordan and Theyan Rich.

93/94. 'The House of the Future', 'Why Travel When...?', 15,000 word articles commissioned by British Telecom for internal circulation, December 1988.

95. 'Fighting for the High Ground', Defence & Foreign Affairs, March 1989.

96. 'SF Could Win Computer', Glasgow Herald, March 4, 1989.

97. 'Invitation to a New World', Glasgow Herald, April 1, 1989.

98. 'Still Moonstruck 20 Years after Apollo', Glasgow Herald, July 22, 1989.

99. 'The ASTRA Chronology', Spacereport, July 1989.

100. 'Woman Winner Again for Science Fiction Competition', Glasgow Herald, September 23, 1989.

101. 'The Neptune Encounter', Spacereport, November 1989; reprinted Dream Magazine, Spring 1990.

102. 'Paisley Rocket Weekend 1987', Rocket Review, December 1989.

103. Review of David Proffitt Memorial Concert, Portsmouth, November 1989, for The Scottish Folk Diary, January 1990.

104. 'Earth Mission 2000', Asgard, April 1990; reprinted Space Policy, May 1990; shorter versions, 'Space Pitch', The Glasgow Herald, December 1989, Ad Astra, March 1990, Dream Magazine, Summer 1990.

105. 'Urban Spacemen' Exhibition Catalogue, 90's Gallery, April 1990; reprinted ASTRA Spacereport, June 1990.

106. 'Great Science Fiction Disasters', Nuclear Free Scotland, Spring 1990; illus. Sydney Jordan.

107. 'Towards a Politics of Survival', revised version broadcast 'Opinion', Channel 4, June 1990.

108. 'Enter the Realms of Fantasy', Glasgow Herald, July 21, 1990.

109. 'Shuttle's Successor', (originally 'Waverider'), The Glasgow Herald, October 1990.

110. Foreword to Gordon Dick, Duncan Lunan, 'Amateurs' View of Waverider Applications', 1st International Hypersonic Waverider Symposium, University of Maryland, October 1990, reprinted American Institute of Aeronautics & Astronautics.
111. 'Waverider', Space Policy, November 1990.
112. 'Use Gliders for Planetary Exploration', (originally 'The Waverider Rebirth'), Space News, November 1990.
113. 'Fiction that Is Stranger than Fact', Glasgow Herald, December 15, 1990.
114. 'Waverider and ASTRA, a History', Asgard, Christmas 1990; revised version, Asgard, May 1997.
115. 'Waverider', (originally 'Waveriders'), Spacefaring Gazette, December 1990.
116. 'Waverider Symposium', (originally 'The Waverider Conference'), Spacefaring Gazette, February 1991.
117. 'Waverider', Ventura County NSS Newsletter, December/January 1991.
118. 'Waveriders', (originally 'The Rebirth of Waverider'), Avenue, Glasgow University, January 1991; illus. Brian Fair.
119. 'Waverider', Dream Magazine, April 1991.
120. 'Challenge of the Imagination', Glasgow Herald, April 6, 1991.
121. 'Crossroads in Space', Spacereport, June 1991.
122. 'Science Revisited', Spacereport, June 1991; New Moon, September 1991.
123. 'Planets and Probes', Spacereport, June 1991; (abridged) Dream Magazine, July 1991.
124. 'Martian Story Awarded the Apple', Glasgow Herald, September 28, 1991.
125. Review, "Too Hot to Handle", by Dr. Frank Close, (abridged) Project Appraisal, September 1991; (in full) Spacereport January 1992.
- 126-128. Essays on Charles Chilton, Naomi Mitchison, Joe Haldeman, in Noelle Watson & Paul E. Schellinger, eds., "Twentieth Century Science Fiction Writers", St. James Press, Chicago, 3rd edition, 1991.
129. 'The Temple of the Sky', New Moon, September 1991; Spacereport January 1992.

130. Review, "Cosmic Perspectives", edited by S.K. Biswas et al, Space Policy, November 1991; (abridged) Territories, October 1991; (in full) Spacereport, January 1992.
131. (with Bill Ramsay) 'Crossroads in Space', Asgard, November 1991; (abridged) Space Policy, February 1992.
132. 'Project Starseed', second revised version, Asgard, Christmas 1991; illus. Ed Buckley, Tom Campbell, Sydney Jordan and Theyan Rich.
133. 'The Philosophy of a Kardashev 2 Civilisation', "Fantazia 2", Samo Resnik, ed., in press (see Books).
134. 'On the Ice-Fields of Mercury', Spacereport, January 1992; illus. Lorna Napier.
135. 'The Planet in Sagittarius – Hold the Front Page', Spacereport, January 1992.
136. 'Space News Update', Spacereport, January 1992.
137. 'ASTRA in 1991 – Companies Office Report', Spacereport, January 1992.
138. 'Incoming Asteroid', New Moon, January 1992; Space Policy, February 1992.
139. (with Gordon Dick) 'Flight in Non-terrestrial Atmospheres, or, The Hang-Glider's Guide to the Galaxy', Asgard, April 1992; abridged version Analog Science Fiction/Science Fact, January 1993; illus. Ed Buckley, Darren Gillett, Sydney Jordan, Gordon Ross.
140. (with Chris Boyce), 'Why Space Rescues Cost the Earth', Glasgow Herald, May 1992.
141. 'Waveriders!', Aurora, UK Students for the Exploration and Development of Space Magazine, January 1993.
142. Review, "Is Anyone Out There?" by Dr. Frank Drake, Space Policy, May 1993.
143. 'Hands Off Our Moon!', Spacereport April 1993; abridged, Spacefaring Gazette, April/May 1993.
144. (with Steve Sneyd) 'Science Fiction & Poetry', Fantasy Commentator, Winter 1993/94.
145. 'BNSC Town Meeting: Rosetta and FIRST', Space Policy, May 1994.
146. 'Keep Watching the Skies!', Analog, October 1994; extended versions, Asgard, May 1995, reprinted March 2002, and Cambridge Conference Net, 2002; illus. Ed Buckley, Sydney Jordan, Gordon Ross.

147. 'The Green Children', ASTRA, 1995; revised version, 1996; illus. Brian Fair.
148. 'Publications: a New Team', ASTRA, 1996.
149. 'ASTRA and SETI', ASTRA, 1996.
150. 'ASTRA: A Brief Introduction to the Society', ASTRA, 1996.
151. (with Oscar Schwighofer) 'Airdrie Public Observatory', ASTRA, 1996.
152. 'Children from the Sky', Analog, September 1996; illus. Sydney Jordan.
153. Review, "Rogue Asteroids and Doomsday Comets" by Duncan Steel, Space Policy, October 1996.
154. 'To Mars!', Spacereport, January 1997.
155. 'Mayday in Orbit', Asgard, May 1997; illus. Sydney Jordan, Gordon Ross.
156. 'Waverider and ASTRA', Asgard, May 1997.
- [157. 'Pyramids and Mars', guest chapter for Robert Bauval, "The Mars Mystery", sold but unpublished; illus. Nick Portwin.]
158. 'Lance McLane summary', commissioned by Sydney Jordan for Lucca exhibition catalogue.
159. Obituary, Kenneth Gatland, Glasgow Herald, 6th January 1998.
160. 'Epsilon Boötis Revisited', Analog, March 1998; illus. Nick Portwin.
161. 'How to Be More Gentle with a Hurling Trillion Tonnes', Glasgow Herald, March 13th, 1998).
162. 'Space Adaptation Syndrome', (2 versions), leaflet for Michelle Project, USA.
163. 'Sounding Rockets', leaflet for Michelle Project, USA.
164. 'Exploring the Mesosphere', leaflet for Michelle Project, USA.
165. 'And I Remember Spain', supplement to GCE A-level course "Poems of the Thirties", International Correspondence Schools, in press.
166. 'Watching on the Right Channel', Glasgow Herald, August 12th, 1999; reprinted (as 'Eclipse in the Channel'), Spacereport, September 1999.
167. Obituary, Chris Boyce, Spacereport, September 1999.
168. 'Leonids 1966, 1998, 1999', Spacereport, September 1999.

169. Obituary, Prof. Terence Nonweiler, Glasgow Herald, December 1999; (expanded), Spacereport, January 2000.
170. 'Tribute to Prof. Terence Nonweiler' / 'ASTRA and Waverider', "Proceedings of the Second British Rocketry Oral History Programme Conference", in press.
171. 'Memorandum Submitted by the Association in Scotland to Research into Astronautics', Appendix 14, Department of Trade & Industry Tenth Report, "UK Space Policy", House of Commons, 4 July 2000.
172. 'British Rocketry and Space Development', Spacereport, June 2001, illus. Ed Buckley; altered version Space Policy, September 2001.
173. 'Three Views of THE DISH: Duncan Lunan', Spacereport, June 2001.
174. (with Sydney Jordan) 'If Eagles Fell', Asgard, July 2001, reprinted Asgard, 2004, in press; illus. Sydney Jordan.
175. 'Shelfspace: "The Moon"', by Bonnie Cooper et al, Asgard, July 2001; reprinted (abridged), Space Policy, December 2001.
176. 'And Finally... Yes, We Did Go to the Moon', Asgard, July 2001; illus. David Hardy.
177. Obituary, Oscar Schwighofer, Glasgow Herald, August 2001.
178. 'Editorial 2: Condolences America', Spacereport, September 2001.
179. 'Celebrating British Achievement in Space', Spacereport, September 2001; illus. Ed Buckley.
- 180 & 181. 'Shelfspace: reviews, Nicholas Hill, "A Vertical Empire" and Duncan Steel, "Target Earth"', Spacereport, September 2001; (abridged) Space Policy, December 2001.
182. Obituary, Oscar Schwighofer, Spacereport, September 2001; (abridged) Glasgow Herald, September 2001.
183. 'Promoting UK Involvement in the ISS: a Space Station Lifeboat?', Space Policy, December 2001; illus. Gordon Ross.
184. Obituary, Oscar Schwighofer, Space Policy, December 2001.
185. '2001 Remembered', Spacereport, December 2001; illus. Andrew Paterson.
186. 'ASTRA and SF', Spacereport, December 2001.
187. 'ASTRA in 2001, Companies Office report', Spacereport, December 2001.

188. 'Introduction to The Politics of Survival', Asgard, March 2002.
189. 'The Politics of Survival', revised version, Asgard, March 2002.
- 190 & 191. 'Keep Watching the Skies!', revised versions, Asgard, March 2002, and Cambridge Conference Net; illus. Sydney Jordan, Gordon Ross.
192. 'Obituary, John Middleton Murray', (Richard Cowper), Glasgow Herald, May 10, 2002.
193. 'Campaign Song for Dark Skies', International Spacereport, June 1994; reprinted Scottish Astronomers Group Magazine, July 2002.
194. 'A Politics of Survival Option: an End to Warfare', Asgard, August 2002; illus. Gary Bonn and Sydney Jordan.
195. (with Andy Nimmo and James McLean) 'An End to Terrorism – Is It Possible?', Asgard, August 2002.
196. 'Terraforming the Earth: the Sahara Spearhead', Asgard, August 2002 (later illustration by Andrew Paterson).
197. Review, 'Shelfspace: "Tracking Apollo" and THE DISH', Asgard, August 2002.
198. 'Lord Young of Dartington and the Argo Venture', Space Policy, summer 2002, Asgard, November 2002.
199. Review, 'THE DISH'; Hamish Lindsay, "Tracking Apollo to the Moon", David Whitehouse, "The Moon: a Biography", Space Policy, August 2002.
200. (with Jamie McLean), 'Everything You Wanted to Know About ASTRA Discussion Projects (but were afraid to ask)', New International Spacereport, Number One, September 2002.
201. 'Let's Take a Look at: The Association in Scotland to Research into Astronautics Limited', Scottish Astronomers Group Magazine, October 2002.
202. 'Visitor at Uist', Journal of the Royal Artillery, Autumn 2002; reprinted Spacereport, March 2003; illus. Duncan Lunan.
203. (with Andy Nimmo) 'A Politics of Survival Option: Meritocracy for Space Settlements', Asgard, November 2002.
204. 'Amateur Astronomy', Third Force News, December 13th, 2002.
205. (edited) 'Saving Airdrie Observatory', New International Spacereport, Number Two, December 2002.

206. 'Preamble to the Ramble' & 'Epilogue', New International Spacereport, Number Three, January 2003.
207. 'Everything You Wanted to Know About ASTRA Exhibition Projects (but were afraid to ask)', New International Spacereport, Number Five, January 2003.
208. 'Leonid Meteors', Scottish Astronomers Group Magazine, January 2003.
209. Obituary, John H. Fadum, Spacereport, March 2003.
210. 'Epilogue: "Shuttle Down"', Spacereport, March 2003.
211. 'Vale, *Columbia*', Spacereport, March 2003.
212. 'Space News – *Columbia*, Pioneer 10, Galileo', Jeff Hawke's Cosmos, March 2003.
213. 'Project Starseed' (updated), Settlers' Sentinel, April 2003; Asgard, November 2003; illus. Ed Buckley, Tom Campbell, Sydney Jordan and Theyan Rich.
214. 'Of Practical Geometry – and Other Practicalities', Scottish Astronomers Group Magazine, July 2003; longer version Spacereport, September 2003, in press.
215. 'Annular Eclipse Report', Scottish Astronomers Group Magazine, July 2003; longer version, Spacereport Editorial, August 2003.
216. Tenants' Steering Group Report, Argyle Local Housing Organisation News, August 2003.
217. 'Space News – Mars Probes', Jeff Hawke's Cosmos, August 2003; illus. Sydney Jordan.
218. '40 Years of ASTRA Publications', Spacereport, August 2003.
219. '40 Years of ASTRA Publications Index', Spacereport, August 2003.
220. 'ASTRA News', Asgard, November 2003.
221. 'Space News: Shenzhou, Closest Asteroid Yet Flies Past Earth, OWL - the Overwhelmingly Large Telescope', Jeff Hawke's Cosmos, February 2004.
222. 'Hawke's Notes' – 'Sacrifice' and 'Chacondar', Jeff Hawke's Cosmos, February 2004; illus. Sydney Jordan.
223. Obituary, Danny Kane, Glasgow Herald, May 2004.
224. 'Science News: Concorde, the UK and the Planets', Jeff Hawke's Cosmos, June 2004.

225. 'Hawke's Notes' – 'Sacrifice', part 2, and 'Anti-Gravity Man', Jeff Hawke's Cosmos, June 2004; illus. Sydney Jordan and Ed Buckley.
226. 'Hawke's Notes' – 'Sanctuary' and 'Ghost Errant', Jeff Hawke's Cosmos, December 2004.
227. 'Space Notes – Cassini and Huygens', Jeff Hawke's Cosmos, December 2004; illus. Gavin Roberts.
228. 'Hawke's Notes': 'The Martian Invasion', 'The Search for Asteron', 'The Threat from the Past', 'The Opposite Power', in William Rudling, ed., "The Martian Quartet", Jeff Hawke Club, 2005.
229. 'Space Notes – Mars, Deep Impact, Titan at Last', Jeff Hawke's Cosmos, May 2005.
- 230-231. 'Hawke's Notes': 'The Dream Pedlars', 'The Great Atlantic Crossing', Jeff Hawke's Cosmos, May 2005.
232. 'Hawke's Notes': 'Pass the Parcel', Jeff Hawke's Cosmos, December 2005.
- 233-235. 'Hawke's Notes': 'The Poltergeist', 'A Foreign Body', 'Poles Apart', Jeff Hawke's Cosmos, May 2006.
236. 'Astronomy in Turkey, Space Notes – Current Space Missions', Jeff Hawke's Cosmos, May 2006.
- 237-240. 'Hawke's Notes': 'Space Rider', 'Rip Van Haddow', 'Prodigal Son?', 'The Intelligent Ones', Jeff Hawke's Cosmos, Supplement, August 2006.
241. 'North Lanarkshire Astronomy Project', Scottish Astronomers Group Magazine, November 2006.
242. 'Children from the Sky', updated, R.I.L.K.O. Journal 69, December 2006.
- 243-4. 'Hawke's Notes': 'Sitting Tenants', 'The Gamesman', Jeff Hawke's Cosmos, January 2007.
- 245-6. 'Public Observatories, Space Notes – SMART-1, Cassini, Pluto, Planemos', Jeff Hawke's Cosmos, January 2007.
- 247-9. 'Hawke's Notes': 'Incognito', 'A Word of Advice', 'A Test Case', Jeff Hawke's Cosmos, in press.
250. 'Space Notes – Current Space Missions', Jeff Hawke's Cosmos, in press.

251. 'Space Debris', ASTRA Night Sky, April 2007, reprinted Jeff Hawke's Cosmos, in press.

252-261. 'Hawke's Notes: 'Time Out of Mind', 'Pastmaster', 'Moonstruck', 'The Day the Moon Nearly Exploded', 'The Strange Ship', 'Selena', 'Shorty's Secret', 'Heir apparent!', 'The Dear, Dead Days', 'The Nursery', 'The Lunar 10'', in press (see books).

259. 'ASTRA History – the First 50 Years', Spacereport, in press.

260. Obituary, Danny Kane, Spacereport, 2005, in press.

261. (with Jamie McLean), 'Waverider', The New International Spacereport, in press.

262. 'Vostok, Voshkod and Zond', Asgard, in press.

Space News reports, Astronomy Quarterly, 1977-79, followed by 'The Sky Above You', monthly three-part astronomy and spaceflight column appearing May 1983-1993 in various newspapers and magazines at various times including The Sunday Sun (Newcastle), West Lancashire Evening Gazette, Eastern Counties Magazine, Space Voyager, Dream Magazine, New Moon, Free Space News, Settlers Sentinel, Spacefaring Gazette, Rocket Review, Spacereport, Asgard, now restarted in Jeff Hawke's Cosmos, quarterly.

Obituaries of late ASTRA members and friends of the society, Spacereport and Asgard, since 1980, ongoing.

'The Sky above You' by Duncan Lunan, Segment 2 Articles.

1. Amateur Involvement in Astronomy.
2. Starting Astronomy.
3. Space Travel and Astronomy – How to Get Involved.
4. Amateur Astronomers' Experiences.
5. Amateur Reports.
- 6-8. Choosing a Telescope (1-3).
- 9-14. Using a Small Telescope (1-5).
15. Lunar Eclipses.
16. Amateur Interest in Spaceflight.
17. The Winter Stars.
- 18-19. Compass Points in the Sky (1-2).
- 20-21. Atmospheric refraction (1-2).
- 22-26. Co-ordinate Systems (1-5).
- 27-62. Observing the Stars (1-36).
28. Observing Halley's Comet.
29. Comets.
- 30-33. Meteors and Meteorites (1-4).
34. The Perseid Meteors.
35. Observing the Autumn Meteors.
- 36-37. The Summer Solstice (1-2).
- 38-41. Astronomy in California (1-4).
42. Astronomy in New York.
43. The Southern Sky.

Segment 3 News Articles

1. May 1993: News from Space.
2. June 1983: Cometary Flybys.
3. July 1983: Space Shuttle Progress.
4. Aug. 1983: The Planet in Taurus.
5. Sept. 1983: More News of Other Solar Systems.
6. Oct. 1983: Spacelab.
7. Nov. 1983: Space Probe News.
8. Dec. 1983: The Search for the Tenth Planet.
9. Jan. 1984: Evolution of Galaxies.
10. Feb. 1984: Astronomy and Space News.
11. Mar. 1984: Satellite Rescues.
12. Apr. 1984: Space Stations.
13. May 1984: Solar Studies.
14. June 1984: The Outer Planets.
15. July 1984: The *Discovery* Mission.
16. Aug. 1984: Are the Russians Going to Mars?
17. Sept. 1984: Nemesis and Bombardment.
18. Oct. 1984: *Discovery* Touchdown.
19. Nov. 1984: *Challenger* Liftoff.
20. Dec. 1984: the Galileo Mission.
21. Jan. 1985: Solar Mesosphere Explorer.

- 22/23. Feb./Mar 1985: The Red Planet (1-2).
- 24/25. Apr/May 1985: The Case for Mars (1-2).
26. June 1985: Halley's Comet in Closeup.
- 27/28. July/Aug.1985: Space Manufacturing and Development (1-2).
29. Sept. 1985: The Argo Venture.
30. Oct. 1985: Project Starseed.
31. Nov. 1985: The Wonderful Mirror.
32. Dec. 1985: Halley's Comet in Closeup.
33. Jan. 1986: 1986 in Space.
34. Jan. 1986: Voyager 2 and Uranus.
35. Feb. 1986: Challenger and the Future.
36. Mar. 1986: Voyager Photographs.
37. Apr. 1986: The First Look at Halley.
38. May 1986: The Waverider Update.
- 39/40. June/July 1986: Space Development Conference (1-2).
41. Aug. 1986: The *Challenger* Aftermath.
42. Sept. 1986: Soviet Space Stations.
43. Oct. 1986: Soviet Space Plans.
44. Nov. 1986: Pioneering the Space Frontier.
45. Dec. 1986: A Return to the Moon, Please.
46. Jan. 1987: The Neptune Options.
48. Feb. 1987: The Supernovae.
49. Mar. 1987: The Magellanic Supernova.
50. Apr. 1987: Magellanic Supernova – the Plot Thickens!
51. May 1987: The Soviet Booster.
- 52/53. June/July 1987: In the Interstellar Clouds (1-2).
- (54. Sept.1987: British National Space Centre. Incorporated into [Spacereport](#))
55. Oct. 1987: The BNSC Crisis, contd..
56. Nov. 1987: The IAF Congress.
57. Jan. 1988: David Gregory.
- 58/59/60/61. Feb/Mar/Apr/May 1988: SETI at the IAF (1-4).
62. June 1988: Space Debris.
63. June 1988: The BNSC Problem Updated.
64. July 1988: Snowballs in the Sky.
65. Aug. 1988: The Soviet Space Shuttle.
66. Sept. 1988: The Waverider Update.
67. Sept. 1988: The Oldest Stones.
68. Oct. 1988: Moment of *Discovery*.
69. Nov. 1988: The Planet in Coma.
70. Dec. 1988: Nuclear Waste in Space.
71. Jan. 1989: News of the Supernova.
72. Feb. 1989: The Very Long Baseline.
73. Mar. 1989: Fire in the Sky (Io volcanoes).
79. May 1989: Magellan at Last.
80. June 1989: Back to the Comets.
82. July 1989: Mars in the 21st Century.
83. Aug. 1989: Here Comes Neptune.
84. Sept. 1989: Special report: The Neptune Encounter.
85. Oct. 1989: More on Neptune.

86. Nov. 1989: More Space News.
87. Dec. 1989: Shame About Solar Max.
88. Jan. 1990: Special Report: Earth Mission 2000.
89. Feb. 1990: Incoming Asteroid.
90. Mar. 1990: Space and Art.
91. Apr. 1990: Telescopes in Space.
92. May 1990: The Year of the Space Rescues.
93. June 1990: Of Telescopes and Mirrors.
94. Oct. 1990: Ulysses launch.
95. Dec 1990: Space News.
96. Jan 1991: The Weather on the Planets.
97. Feb 1991: Space News.
98. Mar 1991: Surprises on Venus (Magellan).
99. Apr 1991: Science Revisited (last IBM Heathrow Conference, held in London).
100. May 1991: The Temple of the Sky; Space News Update.
101. Jun 1991: Magellan results. Longer version 'Planets and Probes'.
102. July 1991: review, "Cosmic Perspectives".
103. Aug. 1991: The Planet in Sagittarius.
104. Sep. 1991: review, "Too Hot to Handle".
105. Oct. 1991: Crossroads in Space.
106. Nov. 1991: Project Starseed.
107. Dec. 1991: On the Ice-fields of Mercury.
108. Jan. 1992: Space News Update.
109. Feb. 1992: Humour in Science.
110. Mar. 1992: Rosetta, Are You Better?
111. Apr 1992: Review, "America at the Threshold".
112. May 1992: Science on the Defensive.
113. June 1992: Hands Off our Moon!
114. Mar. 2003: Space News – *Columbia*, Pioneer 10, Galileo.
115. Aug. 2003: Space News – Mars probes.
116. Feb. 2004: Space News – Shenzhou, Closest Asteroid Yet Flies Past Earth, OWL - the Overwhelmingly Large Telescope.
117. June 2004: Science News: Concorde, the UK and the Planets.
118. Dec. 2004: Cassini and Huygens.
119. May 2005: Mars, Deep Impact, Titan at Last.
120. December 2005: Night Sky only.
121. May 2006: Astronomy in Turkey, Current Space Missions (Stardust, New Horizons, Cassini, Mars Express, Venus Express, Space Shuttle).
122. Jan. 2007: Public Observatories; Space Notes – SMART-1, Cassini, Pluto, Planemos.
123. Mar. 2007. Space Notes: Messenger, Venus Express, Mars Express, MRO, rovers, MGS, Rosetta Mars flyby, New Horizons Jupiter flyby, Cassini, Dawn (Vesta and Ceres), Barbara Morgan, Chinese ASAT test.
124. Apr. 2007, Space Debris, ASTRA Night Sky, reprinted Jeff Hawke's Cosmos, in press.
125. Space Notes – Current Space Missions, in press.
- 126.

Short Stories, Novelettes & Novellas.

1. 'Renaissance', Glasgow University Magazine, 1964.
2. 'The Moon of Thin Reality', Galaxy, July 1970; illus. Jack Gaughan.
3. 'Here Comes the Sun', Galaxy, March 1971.
4. 'Liaison Assignment', Galaxy, April 1971; illus. Jack Gaughan.
5. 'Falling through the World', Galaxy, May-June 1971.
6. 'The Galilean Problem', Galaxy, September 1971.
7. 'The Comet, the Cairn and the Capsule', If, July-August 1972; translated in "Science Fiction Story Reader 8", Germany, 1978 (see Books); reprinted in "The Science Fictional Solar System", 1979 and "Comets", 1986 (see Books); trans. Fenix Publications, Poland; Jugoslavian translation pending.
8. 'Proud Guns to the Sea', Analog, January 1973; illus. Kelly Freas.
9. 'How to Blow Up an Asteroid', If, November-December 1973.
10. 'Derelict', Amazing, April 1974; translated Nova, Italy, 1987; trans. Fenix Publications, Poland.
11. 'The Day and the Hour', Celtic Warrior, 1976, illus. Gavin Roberts; revised version "There Will Be War, Vol.5: Warrior", Tor Books, 1986 (see Books); trans. Fenix Publications, Poland.

Stories for 'Lance McLane' strip, Daily Record, drawn by Sydney Jordan:

12. 'The Phoenix at Easter', 1982-83.
13. 'The Nest of the Phoenix', 1983.
14. 'I Talk to the Trees', 1983-84.
15. (with Lesley Hatch) 'Asset-strippers', 1984.
16. 'The Shark in the Clear Air', 1984.
17. 'Pharaoh's Army Got Drowned', 1984-85.
18. (with Gordon Dick) 'Sails in the Red Sunset', 1985.

19. 'Out of the Ecliptic', 1987-88.

20/21. (with Jim Campbell) 'Dire Straits'; (with Gordon Dick) 'Ice-Needle'. Both accepted but not published because strip ceased publication!

Short Stories contd.:

22. 'Verdict of History', Dream Magazine, July 1987; reprinted West Coast Magazine, No.8 (June 1991); trans. Fenix Publications, Poland.

23. 'The Great Australian Vampyre', New Moon, September 1987.

24/25. 'Tirra Lirra, by the River, Sang Sir Lancelot'; 'Landscape Modification in the Vicinity of Highgate Cemetery'; both in "The Drabble Project", vol. 1, 1988 (see Books.)

26. 'The Square Fella', (abridged version) The Glasgow Herald, April 1st 1989; full version in "Starfield", 1989 (see Books); trans. Fenix Publications, Poland.

27. 'In the Arctic, Out of Time', sold in Germany but not used because magazine ceased publication! Isaac Asimov's Science Fiction Magazine, July 1989, illus. Bob Walters; trans. Fenix Publications, Poland.

28. 'Conventional Weapons', commissioned and accepted by George Hay for anthology, 1990, not published because publisher cancelled project! Russian trans. in press.

29. 'With Time Comes Concord', Analog Science Fiction/Science Fact, September 1993; illus. Sydney Jordan.

30. 'Last Days in the Nanotech War', optioned for "There Will Be War" series, ed. John F. Carr, not published because series ended!

Editorial and Critical

Marr College Magazine (school): Sub-editor, 1962, Editor, 1963.

Space Outlook, (European Space Association): Editor, nos. 1-4, 1977-79.

Spacereport, (ASTRA, quarterly): Editor, 1981-82, editorial committee, 1986 onwards; Editor, June 1991-1995, 2001, 2004.

Asgard, (ASTRA, occasional), on editorial committee, 1990 onwards; Editor, November 1991 to 1999, July 2001, June to November 2002.

New International Spacereport, No. 2, November 2002.

"Starfield: science fiction by Scottish writers", Orkney Press, 1989. Contributors include Edwin Morgan, Naomi Mitchison, Alasdair Gray, Chris Boyce, Angus McAllister, Archie Roy and Donald Malcolm, plus Glasgow Herald competition finalists (see below.) Cover by Sydney Jordan, introduction by Angus MacVicar. Trans. Fenix, Poland.

Science fiction critic of The Glasgow Herald, 1971-1985.

Profiles of Brian Aldiss and Chris Boyce for the Glasgow Herald, Chris Boyce profile reprinted in Invention Programme Book with Bibliography, 1983; appreciations of Anne McCaffrey for Albacon 85 Programme Book, Joe Haldeman for Albacon III Programme Book (1986), Harry Harrison for Xiicon Programme Book (1986), Chris Boyce for Albacon 87 Progress Report. Contributor to "Twentieth Century Science Fiction Writers", St. James Press, Chicago, 1985 (one essay, on Charles Chilton); 3rd edition, eds. Noelle Watson & Paul E. Schellinger, 1991 (three essays, on Charles Chilton, Naomi Mitchison, Joe Haldeman).

Organiser, the Glasgow Herald/Albacon SF short story competition, 1986-92. Winners published in The Glasgow Herald with introductory articles. First three winners and four of first three years' runners-up appear in "Starfield" (see above); another runner-up with introductory article in Albacon 87 Programme Book; one winner with introductory article in "New Writings in SF", Glasgow SF Writers Circle, 1988.

Organiser of book review panels for various science fiction conventions, likewise poetry readings (also for 1st Edinburgh Science Festival).

Occasional nonfiction book reviews for the Glasgow Herald and Space Policy; 'Shelfspace' nonfiction reviews for Space Outlook, 1977-79, Spacereport, Asgard (ongoing). Drama review, Jordanhill College, May 1983.

'Lance McLane summary', commissioned by Sydney Jordan for Lucca exhibition catalogue, 1998.

'Hawke's Notes' for Jeff Hawke's Cosmos, 2003-2004, ongoing; illus. Sydney Jordan:

'Hawke's Notes' – 'Sacrifice' and 'Chacondar', Jeff Hawke's Cosmos, Vol. 1 No. 3, February 2004; illus. Sydney Jordan.

'Hawke's Notes' – 'Sacrifice', part 2, and 'Anti-Gravity Man', Jeff Hawke's Cosmos, Vol. 2 No. 1, June 2004; illus. Sydney Jordan and Ed Buckley.

'Hawke's Notes' – 'Sanctuary' and 'Ghost Errant', Jeff Hawke's Cosmos, Vol. 2 No. 2, September 2004.

'Hawke's Notes': 'The Martian Invasion', 'The Search for Asteron', 'The Threat from the Past', 'The Opposite Power', "The Martian Tetralogy", Jeff Hawke Club, 2005.

'Hawke's Notes': 'The Dream Pedlars', 'The Great Atlantic Crossing', Jeff Hawke's Cosmos, Vol. 2 No. 3, May 2005.

'Hawke's Notes': 'Pass the Parcel', Jeff Hawke's Cosmos, Vol. 3 No. 1, December 2005

'Hawke's Notes': 'The Poltergeist', 'A Foreign Body', 'Poles Apart', Jeff Hawke's Cosmos, Vol. 3 No. 2, May 2006.

Music

Folk music articles and reviews for local papers, 1965-81, Glasgow University Magazine, 1965, and for The Glasgow Herald and The Broadsheet, 1984; most recent, review of David Proffitt Memorial Concert, Portsmouth, November 1989, for The Scottish Folk Diary, January 1990.

Several folk music parodies on science fiction/fantasy themes and more serious songs, four of them ('Space and Scotland', 'The Falklands Arthur Macbride' with John Braithwaite, 'Hercules' with Linda Lunan, 'Mythcon XV' with Leigh Ann Hussey), in Gytha North, ed., "The Old Grey Wassail Test", Beccon Publications, 1987.

'Campaign Song for Dark Skies', International Spacereport, June 1994; reprinted Scottish Astronomers Group Magazine, July 2002.