

Publications list for N.C. Hambly

Refereed publications

95 items, most recent first. Relative weight in brackets: 1 = own work, 2 = major contribution, 3 = equal contribution, 4 = small but significant contribution, 5 = very minor contribution (those that I consider to be my most important contributions to the field are marked with an asterix).

1. * (2) N.R. Rowell, M. Kilic, N.C. Hambly (3 authors)
A new ultracool white dwarf discovered in the SuperCOSMOS Sky Survey
Monthly Notices of the Royal Astronomical Society, 385, L23 (2008)
2. * (1) N.C. Hambly et al. (17 authors)
The WFCAM Science Archive
Monthly Notices of the Royal Astronomical Society, 384, 637 (2008)
3. (4) N. Lodieu, N.C. Hambly, R.F. Jameson, S.T. Hodgkin (4 authors)
Near-infrared cross-dispersed spectroscopy of brown dwarf candidates in the UpperSco association
Monthly Notices of the Royal Astronomical Society, 383, 1385 (2008)
4. (4) J.P. Subasavage, T.J. Henry, P. Bergeron, P. Dufour, N.C. Hambly (5 authors)
The Solar Neighborhood. XX. Discovery and Characterization of 21 New Nearby White Dwarf Systems
Astronomy Journal, in press (2008; astro-ph/0805.2525)
5. (4) E. Hogan, R.F. Jameson, S.L. Casewell, S.L. Osbourne, N.C. Hambly (5 authors)
L dwarfs in the Hyades
Monthly Notices of the Royal Astronomical Society, in press (2008; astro-ph/0805.1189)
6. * (2) N.R. Deacon, G. Nelemans, N.C. Hambly (3 authors)
Southern Infrared Proper Motion Survey III: Constraining the mass function of low mass stars
Astronomy & Astrophysics, in press (2008; astro-ph/0804.2455)
7. (5) P.W. Lucas et al. incl. N.C. Hambly (30 authors)
The UKIDSS Galactic Plane Survey
Monthly Notices of the Royal Astronomical Society, in press (2008; astro-ph/0712.0100)
8. (5) S.J. Warren et al. incl. N.C. Hambly (24 authors)
A Very cool brown dwarf in UKIDSS DR1
Monthly Notices of the Royal Astronomical Society, 381, 1400 (2007)
9. * (2) N. Lodieu, N.C. Hambly, R.F. Jameson, S.T. Hodgkin, G. Carraro, T.R. Kendall (6 authors):
New brown dwarfs in Upper Sco using UKIDSS Galactic Cluster Survey science verification data
Monthly Notices of the Royal Astronomical Society, 374, 372 (2007)

10. * (2) Deacon, N. R., Hambly, N. C. (2 authors)
Southern Infrared Proper Motion Survey II: A sample of low mass stars with $\mu > 0.1$ arcsec/yr
Astronomy & Astrophysics, 468, 163 (2007)
11. * (3) Lawrence, A. et al. incl. N.C. Hambly
The UKIRT Infrared Deep Sky Survey (UKIDSS)
Monthly Notices of the Royal Astronomical Society, 379, 1599 (2007)
12. * (3) Warren, S. J., Hambly, N. C. et al. (39 authors):
The United Kingdom Infrared Telescope Infrared Deep Sky Survey First Data Release
Monthly Notices of the Royal Astronomical Society 375, 213, (2007)
13. * (2) N. Lodieu, P.D. Dobbie, N.R. Deacon, S.T. Hodgkin, N.C. Hambly, R.F. Jameson, (6 authors):
A wide deep infrared look at the Pleiades with UKIDSS: new constraints on the substellar binary fraction and the low mass IMF
Monthly Notices of the Royal Astronomical Society, 380, 712 (2007)
14. (3) Finch, C. T., Henry, T. J., Subasavage, J. P., Jao, W.-C., Hambly, N. C. (5 authors):
The Solar Neighborhood. XVIII. Discovery of new proper motion stars with 0.40 arcsec/yr $> \mu > 0.18$ arcsec/yr between declinations -90 degrees and -47 degrees
Astronomy Journal, 133, 2898 (2007)
15. (4) Kendall, T. R. et al. incl. N.C. Hambly (33 authors):
Two T dwarfs from the UKIDSS early data release
Astronomy & Astrophysics 466, 1059, (2007)
16. (4) Subasavage, J. P., Henry, T. J., Bergeron, P., Dufour, P., Hambly, N. C., Beaulieu, T. D. (6 authors):
The Solar Neighborhood. XIX. Discovery and Characterization of 33 New Nearby White Dwarf Systems
Astronomy Journal, 134, 252 (2007)
17. (4) Ducourant, C., Teixeira, R., Hambly, N. C., Oppenheimer, B. R., Hawkins, M. R. S., Rapaport, M., Modolo, J., Lecampion, J. F. (8 authors):
Trigonometric parallaxes of high velocity halo white dwarf candidates
Astronomy & Astrophysics, 470, 387 (2007)
18. (4) Lodieu, N. et al. incl. N.C. Hambly (37 authors):
Eight new T4.5–T7.5 dwarfs discovered in the UKIDSS Large Area Survey Data Release 1
Monthly Notices of the Royal Astronomical Society, 379, 1423 (2007)
19. (4) S.L. Casewell, P.D. Dobbie, S.T. Hodgkin, E. Moraux, R.F. Jameson, N.C. Hambly, J. Irwin, N. Lodieu (8 authors)
Proper motion L and T dwarf candidate members of the Pleiades
Monthly Notices of the Royal Astronomical Society, 378, 1131 (2007)
20. (5) Casali, M. et al. incl. N.C. Hambly (30 authors):
The UKIRT wide-field camera
Astronomy & Astrophysics, 467, 777 (2007)
21. (3) N. Lodieu, N.C. Hambly, R.F. Jameson (3 authors):
New members in the Upper Scorpius association from the UKIRT Infrared Deep Sky Survey

- Early Data Release*
Monthly Notices of the Royal Astronomical Society, 373, 95 (2006)
22. * (2) S. Dye et al. inc. N.C. Hambly (45 authors):
The UKIRT Infrared Deep Sky Survey Early Data Release
Monthly Notices of the Royal Astronomical Society, 372, 1227 (2006)
 23. * (2) N.R. Deacon, N.C. Hambly (2 authors):
The possibility of detection of ultracool dwarfs with the UKIRT Infrared Deep Sky Survey
Monthly Notices of the Royal Astronomical Society, 371, 1722 (2006)
 24. (4) D. Raghavan, T.J. Henry, B.D. Mason, J.P. Subasavage, W.-C. Jao, T.D. Beaulieu, N.C. Hambly (7 authors):
Two Suns in The Sky: Stellar Multiplicity in Exoplanet Systems
Astrophysical Journal, 646, 523 (2006)
 25. (5) D. Kilkeny, R.S. Stobie, D. O'Donoghue, C. Koen, N.C. Hambly, H.T. MacGillivray, A.E. Lynas-Gray (7 authors):
Three new pulsating sdB stars from the Edinburgh-Cape survey
Monthly Notices of the Royal Astronomical Society, 367, 1603 (2006)
 26. (5) D. Kilkeny, R.S. Stobie, D. O'Donoghue, M.D. Reed, N.C. Hambly, H.T. MacGillivray (6 authors):
A New Large-Amplitude Slowly Pulsating sdB Star
Baltic Astronomy, 15, 317 (2006)
 27. * (2) N.C. Hambly, N.R. Deacon (2 authors):
Proper motion surveys in the infrared
Astronomische Nachrichten, 326(10), 1011 (2005)
 28. (5) B.B. Lynn, F.P. Keenan, P.L. Dufton, W.R.J. Rolleston, J.V. Smoker, R.S.I. Ryans, D. Kilkeny, D. O'Donoghue, N.C. Hambly, H.T. MacGillivray (10 authors):
High-resolution spectroscopic observations of post-asymptotic giant branch candidates from the Edinburgh-Cape Survey
Monthly Notices of the Royal Astronomical Society, 363, 911 (2005)
 29. (3) J.P. Subasavage, T.J. Henry, N.C. Hambly, M.A. Brown, W.-C. Jao, Finch (6 authors):
The Solar Neighbourhood XV: Discovery of new high proper motion stars with $1.0 > \mu > 0.4$ between declinations -47° and 00° .
Astronomical Journal, 130, 1658 (2005)
 30. (2) Q.A. Parker et al. inc. N.C. Hambly (22 authors):
The AAO/UKST SuperCOSMOS Halpha survey
Monthly Notices of the Royal Astronomical Society, 362, 689 (2005)
 31. * (2) N.R. Deacon, N.C. Hambly, J.A. Cooke (3 authors):
Southern infrared proper motion survey. I. Discovery of new high proper motion stars from first full hemisphere scan
Astronomy & Astrophysics, 435, 363 (2005)
 32. (3) J.P. Subasavage, T.J. Henry, N.C. Hambly, M.A. Brown, W.-C. Jao (5 authors):
The Solar Neighbourhood XII: Discovery of new high proper motion stars with $1.0 > \mu > 0.4$ between declinations -90° and -47° .
Astronomical Journal, 129, 413 (2005)

33. * (2) N.R. Deacon, N.C. Hambly, T.J. Henry, J.P. Subsavage, M.A. Brown, W.-C. Jao (6 authors):
The Solar Neighbourhood XI: The trigonometric parallax of SCR 1845–6357
Astronomical Journal, 129, 409 (2005)
34. (4) P.D. Dobbie, D.J. Pinfield, R. Napiwotzki, N.C. Hambly, M.R. Burleigh, M.A. Barstow, R.F. Jameson, I. Hubeny (8 authors):
Praesepe and the seven white dwarfs
Monthly Notices of the Royal Astronomical Society, 355, 39L (2004)
35. (3) T.J. Henry, J.P. Subsavage, M.A. Brown, T.D. Beaulieu, W.-C. Jao, N.C. Hambly (6 authors):
The Solar Neighbourhood X: New nearby stars in the southern sky and accurate photometric distance estimates for red dwarfs
Astronomical Journal, 128, 2460 (2004)
36. * (1) N.C. Hambly, T.J. Henry, J.P. Subsavage, M.A. Brown, W.-C. Jao (5 authors):
The Solar Neighbourhood VIII: Discovery of new high proper motion nearby stars using the SuperCOSMOS Sky Survey
Astronomical Journal, 128, 437 (2004)
37. (5) B.B. Lynn et al. inc. N.C. Hambly (10 authors):
High-resolution spectroscopic observations of B-type stars from the Edinburgh–Cape Survey — III. Completion of a magnitude range limited survey
Monthly Notices of the Royal Astronomical Society, 353, 633 (2004)
38. (4) R.S. Pokorny, H.R.A. Jones, N.C. Hambly, D.J. Pinfield (4 authors):
The Liverpool–Edinburgh high proper motion catalogue
Astronomy & Astrophysics, 421, 763, (2004)
39. (5) K.E. Munn, P.L. Dufton, S.J. Smartt, N.C. Hambly (4 authors):
A chemical analysis of five hot stars towards the Galactic centre
Astronomy & Astrophysics, 419, 713 (2004)
40. * (2) A.J. Storkey, N.C. Hambly, C.K.I. Williams, R.G. Mann (4 authors):
Cleaning sky survey data bases using Hough transform and renewal string approaches
Monthly Notices of the Royal Astronomical Society, 347, 36 (2004)
41. (2) N.R. Deacon, N.C. Hambly (2 authors):
Proper motion surveys of the young open clusters Alpha Persei and the Pleiades
Astronomy & Astrophysics, 416, 125 (2004)
42. (5) J.V. Smoker et al. inc. N.C. Hambly (13 authors):
CaII K interstellar observations towards early-type disc and halo stars
Monthly Notices of the Royal Astronomical Society, 346, 119 (2003)
43. (5) D. O’Donoghue et al. inc. N.C. Hambly (8 authors):
The DA+dMe eclipsing binary EC13471–1258: its cup runneth over ... just
Monthly Notices of the Royal Astronomical Society, 345, 506 (2003)
44. * (2) A.P. Digby, N.C. Hambly, J.A. Cooke, I.N. Reid, R.D. Cannon (5 authors):
The subdwarf luminosity function
Monthly Notices of the Royal Astronomical Society, 344, 583 (2003)

45. (5) P.A. Borisova, K.M. Tsvetkov, P.K. Tsvetkova, N.C. Hambly, G.D. Kalaglarsky, M.G. Richter, P. Boehm, J. Kelemen, A. Fresneau, W.R. Argyle (10 authors):
Use of photographic plate archives for studying the long-term behaviour of the Pleiades flare stars
Astronomical & Astrophysical Transactions, 22, 487 (2003)
46. (3) R.S. Pokorny, H.R.A. Jones, N.C. Hambly (3 authors):
The Liverpool–Edinburgh high proper motion survey
Astronomy & Astrophysics, 397, 575 (2003)
47. (3) P.D. Dobbie, F. Kenyon, R.F. Jameson, S.T. Hodgkin, N.C. Hambly, M.R.S. Hawkins (6 authors):
A deep large–area search for very low–mass members of the Hyades open cluster
Monthly Notices of the Royal Astronomical Society, 329, 543 (2002)
48. (4) M.L. Brown, A.N. Taylor, N.C. Hambly, S. Dye (4 authors):
Measurement of intrinsic alignments in galaxy ellipticities
Monthly Notices of the Royal Astronomical Society, 333, 501 (2002)
49. (5) B.B. Lynn et al. inc. N.C. Hambly (7 authors):
A search for star formation around the Galactic halo B-type star PHL 346 with the 2dF spectrograph
Monthly Notices of the Royal Astronomical Society, 336, 1287 (2002)
50. (3) B.R. Oppenheimer, D. Saumon, S.T. Hodgkin, R.F. Jameson, N.C. Hambly, G. Chabrier, A.V. Filippenko, A.L. Coil, M.E. Brown (9 authors):
Observations of ultracool white dwarfs
Astrophysical Journal, 550, 448 (2001)
51. * (1) B.R. Oppenheimer, N.C. Hambly, A.P. Digby, S.T. Hodgkin, D. Saumon (5 authors):
Direct detection of Galactic Halo Dark Matter
Science, 292, 698 (2001)
52. (4) D. Barrado–y–Navascués, J.R. Stauffer, C. Briceno, B. Patten, N.C. Hambly, J.C. Adams (6 authors):
Very low mass stars and brown dwarfs of the young open cluster IC 2391
Astrophysical Journal Supplement Series, 134, 103 (2001)
53. (3) P.L. Dufton, S.J. Smartt, N.C. Hambly (3 authors):
A UKST survey of blue objects towards the galactic centre – seven additional fields
Astronomy & Astrophysics, 373, 608 (2001)
54. (5) I.H. Stairs et al. inc. N.C. Hambly (16 authors):
PSR J1740–3052 – a pulsar with a massive companion
Monthly Notices of the Royal Astronomical Society, 325, 979 (2001)
55. (4) R.D. Jeffries, M.R. Thurston N.C. Hambly (3 authors):
Photometry and membership for the low mass stars in the young open cluster NGC 2516
Astronomy & Astrophysics, 375, 863 (2001)
56. * (1) N.C. Hambly, H.T. MacGillivray, M.A. Read, S.B. Tritton, E.B. Thomson, B.D. Kelly, D.H. Morgan, R.E. Smith, S.P. Driver, J. Williamson, Q.A. Parker, M.R.S. Hawkins, P.M. Williams, A. Lawrence (14 authors):
The SuperCOSMOS Sky Survey Paper I: Introduction and Description
Monthly Notices of the Royal Astronomical Society, 326, 1279 (2001)

57. * (1) N.C. Hambly, M.J. Irwin, H.T. MacGillivray (3 authors):
The SuperCOSMOS Sky Survey Paper II: Image detection, parameterization, classification and photometry
 Monthly Notices of the Royal Astronomical Society, 326, 1295 (2001)
58. * (1) N.C. Hambly, A.C. Davenhall, M.J. Irwin, H.T. MacGillivray (4 authors):
The SuperCOSMOS Sky Survey Paper III: Astrometry
 Monthly Notices of the Royal Astronomical Society, 326, 1315 (2001)
59. (2) N.R. Deacon, N.C. Hambly (2 authors):
The trigonometric parallax of DENIS-P J104814.7-395606.1
 Astronomy & Astrophysics, 380, 148 (2001)
60. (4) D.J. Pinfield, M.R. Cossburn, S.T. Hodgkin, R.F. Jameson, N.C. Hambly, N. Devereux (6 authors):
A six-square-degree survey for Pleiades low-mass stars and brown dwarfs
 Monthly Notices of the Royal Astronomical Society, 313, 347 (2000)
61. * (2) S.T. Hodgkin, B.R. Oppenheimer, N.C. Hambly, R.F. Jameson, S.J. Smartt, I.A. Steele (6 authors):
Infrared spectrum of an extremely cool white-dwarf star
 Nature, 403, 57 (2000)
62. (4) P.G. Jonker, R.P. Fender, N.C. Hambly, M. van der Klis (4 authors):
The infrared counterpart of the Z source GX 5-1
 Monthly Notices of the Royal Astronomical Society, 315 L57 (2000)
63. * (1) N.C. Hambly, S.T. Hodgkin, M.R. Cossburn, R.F. Jameson (4 authors):
Brown Dwarfs in the Pleiades and the initial mass function across the stellar/substellar boundary
 Monthly Notices of the Royal Astronomical Society, 303, 835 (1999)
64. (2) W.R.J. Rolleston, N.C. Hambly, F.P. Keenan, P.L. Dufton, R.A. Saffer (5 authors):
Early-type stars in the Galactic halo from the Palomar-Green Survey II: A sample of distant, apparently young Population I stars
 Astronomy & Astrophysics, 347, 69 (1999)
65. (2) R.A. Knox, M.R.S. Hawkins, N.C. Hambly (3 authors):
A survey for cool white dwarfs and the age of the Galactic disk
 Monthly Notices of the Royal Astronomical Society, 306, 736 (1999)
66. (2) P.L. Dufton, S.J. Smartt, N.C. Hambly (3 authors):
A UKST survey of blue objects towards the galactic centre - a search for early-type stars
 Astronomy & Astrophysics Supplement Series, 139, 231 (1999)
67. (4) S.T. Hodgkin, D.J. Pinfield, R.F. Jameson, I.A. Steele, M.R. Cossburn, N.C. Hambly (6 authors):
Infrared photometry of low-mass stars in Praesepe
 Monthly Notices of the Royal Astronomical Society, 310, 87 (1999)
68. * (1) N.C. Hambly, S.J. Smartt, S.T. Hodgkin, R.F. Jameson, S.N. Kemp, W.R.J. Rolleston (6 authors):
On the parallax of WD 0346+246: a halo white dwarf candidate
 Monthly Notices of the Royal Astronomical Society, 309, L33 (1999)

69. (4) J.R. Stauffer, R. Schild, D. Barrado y Navascués, D. Backman, A. Angelova, D. Kirkpatrick, N.C. Hambly, L. Vanzi (8 authors):
Results of a deep imaging survey of one square degrees of the Pleiades for low luminosity cluster members
Astrophysical Journal, 504, 805 (1998)
70. (2) R.A. Knox, N.C. Hambly, M.R.S. Hawkins, H.T. MacGillivray (4 authors):
Digital stacking of photographic plates with SuperCOSMOS
Monthly Notices of the Royal Astronomical Society, 297, 839 (1998)
71. * (1) N.C. Hambly, L. Miller, H.T. MacGillivray, J.T. Herd, W.A. Cormack (5 authors):
Precision astrometry with SuperCOSMOS
Monthly Notices of the Royal Astronomical Society, 298, 897 (1998)
72. (5) T.R. Kendall, P.L. Dufton, F.P. Keenan, T.C. Beers, N.C. Hambly (5 authors):
Abundance analyses of a sample of five faint blue stars in the Galactic halo
Astronomy & Astrophysics, 317, 82 (1997)
73. (4) F.C. McKenna, F.P. Keenan, N.C. Hambly, C. Allende Prieto, W.R.J. Rolleston, L.H. Aller, W.A. Feibelman (7 authors):
The optical spectral line list of RR Telescopii
Astrophysical Journal Supplement Series, 109, 225 (1997)
74. (2) N.C. Hambly, W.R.J. Rolleston, F.P. Keenan, P.L. Dufton, R.A. Saffer (5 authors):
Early-type stars in the Galactic halo from the Palomar-Green Survey. I. A sample of evolved, low-mass stars.
Astrophysical Journal Supplement Series, 111, 419 (1997)
75. (3) W.R.J. Rolleston, N.C. Hambly, P.L. Dufton, F.P. Keenan, J.E. Little, D. Kilkenny, D. O'Donoghue, C. Koen, R.S. Stobie (9 authors):
High-resolution spectroscopic observations of B-type stars from the Edinburgh-Cape Survey
Monthly Notices of the Royal Astronomical Society, 290, 422 (1997)
76. * (1) N.C. Hambly, S.J. Smartt, S.T. Hodgkin (3 authors):
WD 0346+246: A very low luminosity, cool degenerate in Taurus
Astrophysical Journal Letters, 489, L157 (1997)
77. (3) R.A. Saffer, F.P. Keenan, N.C. Hambly, P.L. Dufton, J. Liebert (5 authors):
A large-scale spectroscopic survey of early-type stars at high Galactic latitudes
Astrophysical Journal, 491, 172 (1997)
78. (2) N.C. Hambly, F.P. Keenan, P.L. Dufton, S.L. Lumsden (4 authors):
On the nature of the high latitude B-type star CPD-61°455
Monthly Notices of the Royal Astronomical Society, 278, 811 (1996)
79. (2) R.S.I. Ryans, N.C. Hambly, P.L. Dufton, F.P. Keenan (4 authors):
A differential abundance analysis of the faint blue star PHL 346
Monthly Notices of the Royal Astronomical Society, 278, 132 (1996)
80. (2) N.C. Hambly, K.D. Wood, F.P. Keenan, D. Kilkenny, P.L. Dufton, L. Miller, G. Gilmore, M.J. Irwin, E.J. Totten (9 authors):
A search for star formation around the Galactic halo B-type star PHL 346
Astronomy & Astrophysics, 306, 119 (1996)

81. * (2) N.C. Hambly, F.P. Keenan, R.A. Saffer, R. Peterson, P.L. Dufton, P.J.F. Brown (6 authors):
High resolution spectroscopy of the faint candidate B-type star PG 0832+676: A sharp-lined, evolved low-mass star
Astrophysical Journal, 466, 1018 (1996)
82. (3) S.N. Kemp, B. Bates, N.C. Hambly (3 authors):
Further optical and UV spectroscopy of stars in the direction of the Riegel & Crutcher cold cloud
Monthly Notices of the Royal Astronomical Society, 283, 1089 (1996)
83. (1) N.C. Hambly, I.A. Steele, M.R.S. Hawkins, R.F. Jameson (4 authors):
Very low mass stars in the Galactic cluster Praesepe
Astronomy & Astrophysics Supplement Series, 109, 29 (1995)
84. (1) N.C. Hambly, I.A. Steele, M.R.S. Hawkins, R.F. Jameson (4 authors):
The very low mass main sequence in the Galactic cluster Praesepe
Monthly Notices of the Royal Astronomical Society, 273, 505 (1995)
85. (2) I.A. Steele, R.F. Jameson, S.T. Hodgkin, N.C. Hambly (4 authors):
Infrared spectroscopy of low mass stars and brown dwarfs in the Pleiades
Monthly Notices of the Royal Astronomical Society, 275, 841 (1995)
86. (3) N.C. Hambly, A. Fitzsimmons, F.P. Keenan, P.L. Dufton, P.J.F. Brown, M.J. Irwin, W.R.J. Rolleston (7 authors):
A photometric and spectroscopic survey for young stars in the halo of M 31
Astrophysical Journal, 448, 628 (1995)
87. (4) J.E. Little, P.L. Dufton, F.P. Keenan, N.C. Hambly, E.S. Conlon, P.J.F. Brown, L. Miller (7 authors):
A 325 square degree survey of B-type stars at high galactic latitudes.
Astrophysics Journal, 447, 783 (1995)
88. (2) N.C. Hambly, F.P. Keenan, D. Kilkenny, F. van Wyk, F. Marang, G. Roberts, P.L. Dufton (7 authors):
A search for β Cephei variability in a sample of intermediate- to high- Galactic-latitude B-type stars.
Monthly Notices of the Royal Astronomical Society, 267, 1103 (1994)
89. (2) N.C. Hambly, F.P. Keenan, P.L. Dufton, P.J.F. Brown, M.J. Irwin, A. Fitzsimmons (6 authors):
Observations of a possible companion to the high-latitude B-type star PG 0832+676
Monthly Notices of the Royal Astronomical Society, 271, 729 (1994)
90. (2) N.C. Hambly, P.L. Dufton, F.P. Keenan, W.R.J. Rolleston, I.D. Howarth, M.J. Irwin (6 authors):
High-resolution spectroscopy of two young stars between the Magellanic Clouds.
Astronomy & Astrophysics, 285, 716 (1994)
91. (2) N.C. Hambly, E.S. Conlon, P.L. Dufton, F.P. Keenan, J.E. Little, L. Miller (6 authors):
Model atmosphere and kinematical analyses of early-type, high galactic latitude stellar candidates from the UKST UBVRI survey.
Astrophysical Journal, 417, 706 (1993)

92. (1) N.C. Hambly, M.R.S. Hawkins, R.F. Jameson (3 authors):
Very low mass proper motion members in the Pleiades.
Astronomy & Astrophysics Supplement Series, 100, 607, (1993)
93. (4) I.S. Steele, R.F. Jameson, N.C. Hambly (3 authors):
RIJHK photometry of low mass stars and brown dwarfs in the Pleiades.
Monthly Notices Royal Astronomical Society, 263, 647 (1993)
94. * (1) N.C. Hambly, M.R.S. Hawkins, R.F. Jameson (3 authors):
A deep proper motion survey of the Pleiades for low-mass stars and brown dwarfs
Monthly Notices of the Royal Astronomical Society, 253, 1 (1991)
95. (1) N.C. Hambly, R.F. Jameson (2 authors):
The luminosity and mass functions of the Pleiades: low-mass stars and brown dwarfs
Monthly Notices of the Royal Astronomical Society, 249, 137 (1991)

Non-refereed publications

49 items, most recent first. Relative weight in brackets: 1 = own work, 2 = major contribution, 3 = equal contribution, 4 = small but significant contribution, 5 = very minor contribution (those that I consider to be my most important contributions to the field are marked with an asterix).

1. (2) E. Sutorius, J. Bryant, R. Collins, N. Cross, N. Hambly, M. Read (6 authors)
A pseudo-parallel Python environment for database curation
Proceedings of the meeting on Astronomical Data Analysis Software & Systems ADASS XVII, ASP Conf. S
2. (2) N. Cross, N. Hambly, R. Collins, M. Read, E. Sutorius, (5 authors)
Recalibration of Data in the VDFS Science Archives
Proceedings of the meeting on Astronomical Data Analysis Software & Systems ADASS XVII, ASP Conf. S
3. (3) R.S. Collins, J. Bryant, N. Cross, N. Hambly, M. Holliman, M. Read, E. Sutorius,
P. Williams (8 authors)
Astronomy, Linux and the Problem of Large File Support
Astronomical Data Analysis Software and Systems XVI ASP Conference Series, Vol. 376, proceedings of th
4. * (2) Warren, S. J., Cross, N. J. G., Dye, S., Hambly, N. C. et al. (29 authors):
The UKIRT Infrared Deep Sky Survey Second Data Release
astro-ph/0703037
5. * (2) Cross, N.J.G., Hambly, N.C., Collins, R.S., Bryant, J., Mann, R.G., Read, M.A.,
Sutorius, E.T.W., Williams, P.M. (8 authors):
Synoptic data in the WFCAM and VISTA Science Archives
In: Proceedings of the 16th ADASS meeting, Eds. D. Shaw, F. Hill & D. Bell, ASP. Conf. Ser., 376, 54 (20
6. (4) Subasavage, J. P., Henry, T. J., Bergeron, P., Dufour, P., Hambly, N. C., Beaulieu,
T. D. (6 authors):
Identifying and Characterizing New Nearby White Dwarfs
In: 15th European Workshop on White Dwarfs ASP Conference Series, Vol. 372, proceedings of the confere
7. * (1) J.P. Emerson, M.J. Irwin, N.C. Hambly (3 authors):
VISTA data flow system: status
In: Proceedings of the SPIE, volume 6270, 25 (2006)

8. * (1) R.S. Collins, N.J.C. Cross, N.C. Hambly, R.G. Mann, M.A. Read, E. Sutorius, P.M. Williams, I.A. Bond (8 authors):
The WFCAM Science Archive
In: Proceedings of the 15th ADASS meeting, ASP. Conf. Ser., 351, 743 (2006)
9. * (2) Warren, S. et al. incl. N.C. Hambly (16 authors):
Early Science Results from the UKIDSS ESO Public Survey
ESO Messenger 126, 7 (2006)
10. * (2) Holliman, M., Bryant, J., Collins, R., Cross, N., Hambly, N., Lawrence, A., Mann, B., Read, M., Sutorius, E., Taylor, J., Williams, P. (11 authors)
Astronomical Data Management Activities In Edinburgh
IAUSS **6** (2006)
11. (4) Ahumada, A. V. et al. incl. N.C. Hambly (61 authors):
Vista Variables in the Via Lactea (VVV)
IAUJD **13** (2006)
12. (1) N.C. Hambly, A.P. Digby, B.R. Oppenheimer:
Cool white dwarfs from the SuperCOSMOS and Sloan Digital Sky Surveys
In: Proceedings of the 14th European Workshop on White Dwarfs, eds. D. Koester & S. Moehler, ASP Conf. Ser. 325, 105 (2005)
13. * (1) N.C. Hambly, R.G. Mann, I.A. Bond, E. Sutorius, M.A. Read, P.M. Williams, A. Lawrence, J.P. Emerson:
VISTA Data Flow System survey access and curation: The WFCAM Science Archive
In: Optimizing Scientific Return for Astronomy through Information Technologies, Proceedings of the SPIE 5492, 105 (2004)
14. (1) N.C. Hambly et al. (8 authors):
The SuperCOSMOS Science Archive
In: Proceedings of the 13th ADASS meeting, ASP. Conf. Ser., 13, 137 (2004)
15. (2) J.P. Emerson et al. inc. N.C. Hambly (15 authors):
VISTA data flow system: overview
In: Optimizing Scientific Return for Astronomy through Information Technologies, Proceedings of the SPIE 5492, 105 (2004)
16. (2) C.K.I. Williams, A.J. Storkey, N.C. Hambly, R.G. Mann:
Cleaning Astronomical Databases using Hough Transforms and Renewal Strings
In: Advances in Scattering and Biomedical Engineering, Proceedings of the 6th International Workshop on Scattering Theory and Biomedical Engineering, Eds. D.I. Fotiadis & C.V. Massalas, World Scientific Publishers, in press (2004)
17. (1) N.C. Hambly, B.R. Oppenheimer:
Searches for Galactic Halo Remnants
In: The Future of Small Telescopes Volume III, ed. T. Oswalt, 295 (2003)
18. (1) N.C. Hambly:
Brown Dwarfs in the UKIRT Infrared Deep Sky Survey (UKIDSS)
In: Proceedings of IAU Symposium 211: Brown Dwarfs, ed. E. Martìn, 477 (2003)
19. (5) R.D. Jeffries, M.R. Thurston, N.C. Hambly:
The mass function and mass segregation in NGC 2516
In: The future of cool star astrophysics: proceedings of the 12th Cambridge workshop on cool stars, stellar evolution and exoplanets, eds. M. Baran, M. Baran & M. Baran, ASP Conf. Ser. 325, 105 (2005)

20. (2) A.P. Digby, J.A. Cooke, N.C. Hambly, I.N. Reid, R.D. Cannon:
Galactic Structure and Evolution from Stellar Dynamics
In: GAIA: A European Space Project, EAS Publication Series, 2, 379 (2002)
21. (2) A. Lawrence et al. inc. N.C. Hambly (7 authors):
The WFCAM/UKIDSS data archive: problems and opportunities
In: Survey and Other Telescope Technologies and Discoveries, Proceedings of the SPIE, 4836, 418 (2002)
22. (5) A.P. Borisova, M.K. Tsvetkov, K.P. Tsvetkova N.C. Hambly, G.G. Kalaglarsky:
Search for long-term periodicity in the Pleiades active dwarf stars from photographic sky surveys
Publ. Astron. Obs. Belgrade, No. 73, 81 (2002)
23. (1) M.A. Read, N.C. Hambly:
The SuperCOSMOS Sky Surveys
In: Proceedings of the 10th ASASS meeting, Eds. Harnden, Primini & Payne, ASP. Conf. Ser., 238, 182 (2002)
24. (4) D. Barrado-y-Navascués, J.R. Stauffer, C. Briceno, B. Patten, N.C. Hambly:
Photometry and spectroscopy of very low mass stars and brown dwarfs in IC 2391
In: Proceedings of the 11th Cambridge workshop on cool stars, stellar systems and the sun, Eds. Garcia-Lario & Torres, ASP. Conf. Ser., 261, 105 (2001)
25. * (1) N.C. Hambly:
The local space density of cool white dwarfs
In: Proceedings of the 12th European workshop on White Dwarfs, Eds. Provencal, Shipman, MacDonald & Torres, ASP. Conf. Ser., 271, 105 (2001)
26. (5) D.J. Pinfield, M.R. Burleigh, P.D. Dobbie, R.F. Jameson, K. Holland, N.C. Hambly:
White dwarfs in the Praesepe open cluster
In: Proceedings of the 12th European workshop on White Dwarfs, Eds. Provencal, Shipman, MacDonald & Torres, ASP. Conf. Ser., 271, 115 (2001)
27. (1) N.C. Hambly, M.L. Brown, R.E. Smith, M.A. Read, A.N. Taylor:
New science results from the SuperCOSMOS Sky Survey
In: Proceedings of the conference on The New Era of Wide-Field Astronomy, Eds. Clowes, Adamson & Brinkmann, ASP. Conf. Ser., 271, 125 (2001)
28. (2) R.D. Cannon, N.C. Hambly, N. Zacharias:
Accurate large-scale astrometry for faint stars
In: Proceedings of the conference on The New Era of Wide-Field Astronomy, Eds. Clowes, Adamson & Brinkmann, ASP. Conf. Ser., 271, 135 (2001)
29. * (1) N.C. Hambly:
Proper motions of very low mass stars and brown dwarfs in open clusters
In: Proceedings of the 1998 Euro-conference on very low mass stars and brown dwarfs, Eds. Rebolo & Zapatero-Osorio, ASP. Conf. Ser., 162, 105 (1998)
30. (4) R.D. Jeffries, E.J. Totten J.R. Stauffer, D. Barrado-y-Navascués, N.C.Hambly:
The lithium depletion boundary and age of NGC 2547
In: Proceedings of the conference on Stellar Clusters and Associations, Eds. Pallavicini, Micela & Sciortino, ASP. Conf. Ser., 162, 115 (1998)
31. (5) E.J. Totten R.D. Jeffries, N.C. Hambly:
A photometric catalogue for the young open cluster NGC 6633
In: Proceedings of the conference on Stellar Clusters and Associations, Eds. Pallavicini, Micela & Sciortino, ASP. Conf. Ser., 162, 125 (1998)
32. (1) N.C. Hambly, M.A. Read:
The SuperCOSMOS South Galactic Cap multi-colour/multi-epoch digitised survey – on-line!
AAO Newsletter No. 88, 16 (2000)

33. * (1) N.C. Hambly, R.A. Knox, M.R.S. Hawkins:
Very low luminosity cool degenerates as baryonic dark matter
In: Proceedings of the 1998 International Dark Matter Conference, Eds. Spooner & Kudryavtsev, World Science, 1998, 117
34. (1) N.C. Hambly:
Image compression for SuperCOSMOS Sky Survey data
AAO Newsletter No. 88, 12 (1999)
35. * (1) N.C. Hambly:
Deep searches in open clusters (invited review)
In: Brown Dwarfs and Extrasolar planets, Eds. Rebolo, Martín & Zapatero–Osorio, ASP Conf. Ser., 134, 1999, 1
36. (4) S.T. Hodgkin, R.F. Jameson, D. Pinfield, I.A. Steele, N.C. Hambly:
Praesepe: IR measurements at the bottom of the main sequence
In: Brown Dwarfs and Extrasolar planets, Eds. Rebolo, Martín & Zapatero–Osorio, ASP Conf. Ser., 134, 1999, 9
37. (2) I.A. Steele, N.C. Hambly, M.R. Zapatero–Osorio, R.F. Jameson:
Infrared spectroscopy of low mass stars and brown dwarfs
In: Brown Dwarfs and Extrasolar planets, Eds. Rebolo, Martín & Zapatero–Osorio, ASP Conf. Ser., 134, 1999, 4
38. (2) W.R.J. Rolleston, P.L. Dufton, F.P. Keenan, J.E. Little, N.C. Hambly, D. Kilkenny, C. Koen, R.S. Stobie, D. O’Donoghue:
High-resolution spectroscopic observations of B-type stars from the Edinburgh–Cape Survey
In: Proceedings of the Third Conference on Faint Blue Stars, Eds. Philip, Liebert, Saffer & Hayes, 367 (1999)
39. (2) W.R.J. Rolleston, F.P. Keenan, P.L. Dufton, N.C. Hambly, R.A. Saffer:
Evolved stars in the halo of our Galaxy from the Palomar–Green Survey
In: Proceedings of the Third Conference on Faint Blue Stars, Eds. Philip, Liebert, Saffer & Hayes, 363 (1999)
40. (2) R.A. Saffer, F.P. Keenan, N.C. Hambly, P.L. Dufton, Liebert J.W.:
A large scale spectroscopic survey of early-type stars at high Galactic latitudes
In: Proceedings of the Third Conference on Faint Blue Stars, Eds. Philip, Liebert, Saffer & Hayes, 97 (1999)
41. (4) F.C. McKenna, F.P. Keenan, N.C. Hambly, C. Allende, L.H. Aller, W.A. Feibelman:
New line identifications in the optical spectrum of the slow nova RR Telescopii
Irish Astronomy Journal, 23, 157 (1996)
42. (2) E. Totten, K.D. Wood, F.P. Keenan, P.L. Dufton, D. Kilkenny, L. Miller, N.C. Hambly, G. Gilmore, M.J. Irwin:
A search for star formation around the Galactic halo B-type star PHL 346
In: Formation of the Galactic Halo ... Inside and Out, ASP Conf. Ser., 92, 196 (1996)
43. (1) N.C. Hambly, I.A. Steele, M.R.S. Hawkins, R.F. Jameson:
The VLM main sequence in Praesepe
In: Proceedings of the ESO workshop ‘The bottom of the main sequence and beyond’, C.G. Tinney (ed), 1998, 1
44. (3) J.E. Little, P.L. Dufton, F.P. Keenan, N.C. Hambly, P.J.F. Brown, E.S. Conlon, L. Miller:
A 300 square degree survey of young stars at high galactic latitudes.
In: Hot stars in the Galactic halo, eds S.J. Adelman., A.R. Uppgren & C.J. Adelman, Cambridge University Press, 1998, 1
45. (1) N.C. Hambly, R.F. Jameson:
A search for Brown Dwarfs in IC 2602
In: Eighth Cambridge Workshop on cool stars, stellar systems and the Sun, ASP Conf. Ser., 64, 563 (1999)

46. (1) N.C. Hambly, E.S. Conlon, P.L. Dufton, F.P. Keenan, R.J.H. McCausland:
An Abundance and kinematic analysis from high dispersion spectroscopy of early-type, high Galactic latitude stellar candidates
In: IAU Commission 9 Working Group on Sky Surveys, Newsletter vol. 3, 18
47. (1) N.C. Hambly:
A deep proper motion survey of the Pleiades for low-mass stars and brown dwarfs
In: Digitised Optical Sky Surveys, H.T. MacGillivray & E.B. Thomson (eds), 265 (1992)
48. (1) R.F. Jameson, N.C. Hambly:
Brown dwarfs in galactic clusters
Gemini, 31, 3 (1991)
49. (3) R.F. Jameson, N.C. Hambly:
An infrared period–luminosity relationship for M-giant stars
ASP Conf. Ser., 11, 450 (1990)