Sandy K. Leggett

CONTACT INFORMATION

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CITIZENSHIP

American and British

EDUCATION

Oxford University St Catherine's College Oxford UK
D. Phil. Astrophysics 1984 BA Physics Honours 1980

EMPLOYMENT

Gemini Observatory Hilo Hawaii *Astronomer with Tenure* **April 2008 - present**
Chair of Gemini International Time Allocation Committee; at times acting head of science operations; core queue coordinator; mentor; secondary instrument scientist for near-infrared imager/spectrometers NIRI and NIFS; support scientist.

Gemini Observatory Hilo Hawaii *Tenure-Track Associate Astronomer* **July 2006 - March 2008**
Secondary instrument scientist for near-infrared imager/spectrometers NIRI and NIFS; support scientist; core queue coordinator; Chair of Gemini International Time Allocation Committee; at times acting head of science operations.

Joint Astronomy Centre Hilo Hawaii *Senior Astronomer* **July 2004 - July 2006**
Instrument scientist for near-infrared imager/spectrometers UFTI and UIST; line manager of UKIRT Telescope System Specialists; support scientist; editor of UKIRT Annual Report; responsible for UKIRT photometric calibrations. At times acting UKIRT head of operations, service observing program manager, telescope scheduler and technical secretary for time allocation committee.

Joint Astronomy Centre Hilo Hawaii *Staff Astronomer* **August 1996 - June 2004**
Instrument scientist for near-infrared instruments UFTI, UIST and IRCAM; line manager of UKIRT Telescope System Specialists; support scientist; editor of UKIRT Annual Report; responsible for UKIRT photometric calibrations. At times acting UKIRT head of operations, and service observing program manager.

NASA Infrared Telescope Facility Hilo Hawaii *Support Astronomer* **1994 - August 1996**
Instrument scientist for imager NSFCAM, support scientist.

University of Hawaii Physics & Astronomy Dept. Hilo *Visiting Assistant Professor* **1993 - 1994**
Introductory Astronomy lectures and lab classes.

US Naval Observatory Flagstaff Station Arizona *Research Associate* **1988 - 1992**
Astrometry program assistant, postdoctoral researcher.

Edinburgh University Astronomy Dept. *STARLINK Applications Programmer* **1987 - 1988**
Database programmer with application to the Infrared Astronomical Satellite.

Edinburgh University Astronomy Dept. *SERC Postdoctoral Research Fellow* **1984 - 1986**

Imperial College London Physics Dept. *Research Assistant* **1983 - 1984**

COMMITTEES

Organizing Committee of Commission 45 of the IAU (Stellar Classification)	**2012 - present**
SPITZER Cycle 9 Exploration Science and Large Program Time Allocation Committee	**2012**
SOFIA Cycle 1 Time Allocation Committee	**2012**
Gemini Director Search Committee	**2011**
Beatrice M. Tinsley AAS Prize Committee	**2011 - present**
Gemini International Time Allocation Committee Chair	**2007 - present**
UH Hilo Faculty Search Committee	**2008, 2010, 2011**
NASA Star and Exoplanet Database User Panel	**2007 - 2008**

	SOFIA Science Advisory Committee	**2007**
	Spitzer Space Telescope Cycle 3 time allocation panel	**2006**
	Hubble Space Telescope Cycle 14 time allocation panel	**2005**
	Large Synoptic Survey Telescope site selection panel	**2004 - 2005**
	NASA Keck Telescope time allocation panel	**2000 - 2002**
	NASA Infrared Telescope Facility time allocation panel	**1998 - 1999**
	Hubble Space Telescope Cycle 7 NICMOS time allocation panel	**1997**
	UK Infrared Telescope Users Committee	**1987 - 1988**
	STARLINK Database Special Interest Group	**1987 - 1988**
Thesis Committees	T. Dupuy, University of Hawaii	**2007 - 2010**
	M. Cushing, University of Hawaii	**2000 - 2003**
Conference Science/Local Organizing Committees	Cool Stars 15, St Andrews Scotland	**2007 - 2008**
	Topical Session AAS 210th Meeting, Honolulu Hawaii	**2006 - 2007**
	Brown Dwarf Parallel Session PPV, Waikoloa Hawaii	**2004 - 2005**
	IAU Symp. 211 "Brown Dwarfs", Waikoloa Hawaii	**2002**
Professional Societies	International Astronomical Union	**2003 - present**
	American Astronomical Society	**1989 - present**
Awards	Commendation for the Annie Jump Cannon Award	**1993**

Research Interests

Low mass stars and brown dwarfs, cool degenerate white dwarfs, infrared photometric calibrations.

Most Cited Publications (260 citations or more as of September 2012)

The USNO-B Catalog Monet, Levine, Canzian, Ables, Bird, Dahn et al., 2003, AJ 125, 984.

Infrared colors of low-mass stars Leggett, 1992, ApJS 82, 351.

A survey of z>5.8 quasars in the Sloan Digital Sky Survey I Fan, Narayanan, Lupton, Strauss, Knapp, Becker et al., 2001, AJ 122, 2833.

L' and M' photometry of ultracool dwarfs Golimowski, Leggett, Marley, Fan, Geballe, Knapp et al., 2004, AJ 127, 3516.

Near-infrared photometry and spectroscopy of L and T dwarfs: the effects of temperature, clouds and gravity Knapp, Leggett, Fan, Marley, Geballe, Golimowski et al., 2004, AJ 127, 3553.

Towards spectral classification of L and T dwarfs: infrared and optical spectroscopy and analysis Geballe, Knapp, Leggett, Fan, Golimowski, Anderson et al., 2002, ApJ 564, 466.

Publications in Refereed Journals

The Frequency of Debris Disks at White Dwarfs Barber, Patterson, Kilic, Leggett, Dufour, Bloom, Starr, 2012, ApJ in press

Two Extraordinary Substellar Binaries at the T/Y Transition and the Y-Band Fluxes of the Coolest Brown Dwarfs Liu, Dupuy, Bowler, Leggett, Best, 2012, ApJ in press

Locating the Trailing Edge of the Circumbinary Ring in the KH 15D System Capelo, Herbst, Leggett, Hamilton, Johnson, 2012, ApJ, 757, L18

Neglected Clouds in T and Y Dwarf Atmospheres Morley, Fortney, Marley, Visscher, Saumon, Leggett, 2012, ApJ 765, 172

Discovery of the benchmark metal-poor T8 dwarf BD +01° 2920B Pinfield, Burningham, Lodieu, Leggett, Tinney, van Spaandonk, et al., 2012, MNRAS, 422, 1922

The Properties of the 500 K Dwarf UGPS J072227.51-054031.2 and a Study of the Far-red Flux of Cold Brown Dwarfs Leggett, Saumon, Marley, Lodders, Canty, Lucas, et al., 2012, ApJ 748, 74

The discovery of a debris disc around the DAV white dwarf PG 1541+651 Kilic, Patterson, Barber, Leggett, Dufour, 2012, MNRAS 419, L59.

The properties of the T8.5p dwarf Ross 458C Burningham, Leggett, Homeier, Saumon, Lucas, Pinfield, et al., 2011, MNRAS 414, 3590.

Cool White Dwarfs Found in the UKIRT Infrared Deep Sky Survey Leggett, Lodieu, Tremblay, Bergeron, Nitta, 2011, ApJ 735, 62.

The discovery of the T8.5 dwarf UGPS J0521+3640 Burningham, Lucas, Leggett, Smart, Baker, Pinfield, et al., 2011, MNRAS 414, L90.

Blue not brown: UKIRT Infrared Deep Sky Survey T dwarfs with suppressed K-band flux Murray, Burningham, Jones, Pinfield, Lucas, Leggett, et al., 2011, MNRAS 414, 575.

Parallaxes and physical properties of 11 mid-to-late T dwarfs Marocco, Smart, Jones, Burningham, Lattanzi, Leggett, et al., 2010, A&A 524, 38.

The discovery of a very cool, very nearby brown dwarf in the Galactic plane Lucas, Tinney, Burningham, Leggett, Pinfield, Smart, et al., 2010, MNRAS 408, L56.

Discovery of a Highly Unequal-mass Binary T Dwarf with Keck Laser Guide Star Adaptive Optics: A Coevality Test of Substellar Theoretical Models and Effective Temperatures Liu, Dupuy, Leggett, 2010, ApJ 722, 311.

A Detailed Model Atmosphere Analysis of Cool White Dwarfs in the Sloan Digital Sky Survey Kilic, Leggett, Tremblay, von Hippel, Bergeron, Harris, et al., 2010, ApJS 190, 77.

Properties of the T8.5 Dwarf Wolf 940 B Leggett, Saumon, Burningham, Cushing, Marley, Pinfield, 2010, ApJ 720, 252.

47 new T dwarfs from the UKIDSS Large Area Survey Burningham, Pinfield, Lucas, Leggett, Deacon, Tamura, et al., 2010, MNRAS 406, 1885.

The Discovery of the Most Metal-rich White Dwarf: Composition of a Tidally Disrupted Extrasolar Dwarf Planet Dufour, Kilic, Fontaine, Bergeron, Lachapelle, Kleinman, Leggett, 2010, ApJ 719, 803.

The discovery of a very cool binary system Burningham, Leggett, Lucas, Pinfield, Smart, Day-Jones, et al., 2010, MNRAS 404, 1952.

Mid-Infrared Photometry of Cold Brown Dwarfs: Diversity in Age, Mass, and Metallicity Leggett, Burningham, Saumon, Marley, Warren, Smart, et al., 2010, ApJ 710, 1627.

The distance to the cool T9 brown dwarf ULAS J003402.77-005206.7 Smart, Jones, Lattanzi, Leggett, Warren, Adamson et al., 2010, A&A 511, 30.

The 0.8-14.5μm Spectra of Mid-L to Mid-T Dwarfs: Diagnostics of Effective Temperature, Grain Sedimentation, Gas Transport, and Surface Gravity Stephens, Leggett, Cushing, Marley, Saumon, Geballe et al., 2009, ApJ 702, 154.

A photometric analysis of ZZ Ceti stars: A parameter-free temperature indicator? Bergeron, Leggett & Harris, 2009, Journal of Physics Conf. Series 172, 2062.

The discovery of an M4+T8.5 binary system Burningham, Pinfield, Leggett, Tinney, Liu, Homeier et al., 2009, MNRAS 395, 1237.

The Physical Properties of Four 600 K T Dwarfs Leggett, Cushing, Saumon, Marley, Roellig, et al., 2009, ApJ 695, 1517,

Cool White Dwarfs Identified in the Second Data Release of the UKIRT Infrared Deep Sky Survey Lodieu, Leggett, Bergeron, Nitta, 2009, ApJ 692, 1506.

Exploring the substellar temperature regime down to 550K Burningham, Pinfield, Leggett, Tamura, Lucas, Homeier et al., 2008, MNRAS 391, 320.

Fifteen new T dwarfs discovered in the UKIDSS Large Area Survey Pinfield, Burningham, Tamura, Leggett, Lodieu, Lucas et al., 2008, MNRAS 390, 304.

A Nearby Old Halo White Dwarf Candidate from the Sloan Digital Sky Survey Hall, Kowalski, Harris, Awal, Leggett, Kilic et al., 2008, AJ 136, 76.

Near-Infrared Constraints on the Presence of Warm Dust at Metal-Rich, Helium Atmosphere White Dwarfs Kilic, Farihi, Nitta & Leggett, 2008, AJ 136, 111.

HN Peg B: A Test of Models of the L to T Dwarf Transition Leggett, Saumon, Albert, Cushing, Liu, Luhman et al., 2008, ApJ 682, 1256.

CLOUDS search for variability in brown dwarf atmospheres Goldman, Cushing, Marley, Artigau et al., 2008, A&A 487, 277.

A very cool brown dwarf in UKIDSS DR1 Warren, Mortlock, Leggett, Pinfield, Homeier, Dye et al., 2007, MNRAS 381, 1400.

Physical and Spectral Characteristics of the T8 and Later-Type Dwarfs Leggett, Marley, Freedman, Saumon, Liu, Geballe et al., 2007, ApJ 667, 537.

Eight new T4.5-T7.5 dwarfs discovered in the UKIDSS Large Area Survey Data Release 1 Lodieu, Pinfield, Leggett, Jameson, Mortlock, Warren et al., 2007, MNRAS 379, 1423.

Moderate-Resolution Spitzer Infrared Spectrograph Observations of M, L, and T Dwarfs Mainzer, Roellig, Saumon, Marley, Cushing, Sloan et al., 2007, ApJ 662, 1245.

The Late-T Dwarf Companion to the Exoplanet Host Star HD 3651: A New Benchmark for Gravity and Metallicity Effects in Ultracool Spectra Liu, Leggett & Chiu, 2007, ApJ 660, 1507.

Two T dwarfs from the UKIDSS early data release Kendall, Tamura, Tinney, Martin, Ishii, Pinfield et al., 2007, A&A 466, 1059.

The United Kingdom Infrared Telescope Infrared Deep Sky Survey First Data Release Warren, Hambly, Dye, Almaini, Cross, Edge et al., 2007, MNRAS 375, 213.

Physical Parameters of Two Very Cool T Dwarfs Saumon, Marley, Leggett, Geballe, Stephens, Golimowski et al., 2007, ApJ 656, 1136.

3.6-7.9μm Photometry of L & T Dwarfs and the Prevalence of Vertical Mixing in their Atmospheres Leggett, Saumon, Marley, Geballe, Golimowski, Stephens et al., 2007, ApJ 655, 1079.

Trigonometric Parallaxes of Central Stars of Planetary Nebulae Harris, Dahn, Canzian, Guetter, Leggett, Levine et al., 2007, AJ 133, 631.

JHK observations of faint standard stars in the Mauna Kea Observatories system Leggett, Currie, Varricatt, Hawarden, Adamson, Buckle et al., 2006, MNRAS 373, 781.

The UKIRT Infrared Deep Sky Survey Early Data Release Dye, Warren, Hambly, Cross, Hodgkin, Irwin et al., 2006, MNRAS 372, 1227.

Hubble Space Telescope NICMOS Observations of T Dwarfs: Brown Dwarf Multiplicity and New Probes of the L/T Transition Burgasser, Kirkpatrick, Cruz, Reid, Leggett, Liebert et al., 2006, ApJS 166, 585.

A Spitzer Infrared Spectrograph Spectral Sequence of M, L, and T Dwarfs Cushing, Roellig, Marley, Saumon, Leggett, Kirkpatrick et al., 2006, APJ 648, 614.

SDSS J1534+1615AB: A novel T dwarf binary found with laser guide star adaptive optics and the potential role of binarity in the L/T transition Liu, Leggett, Golimowski, Chiu, Fan, Geballe et al., 2006, ApJ 647, 1393.

Ammonia as a Tracer of Chemical Equilibrium in the T7.5 Dwarf Gliese 570D Saumon, Marley, Cushing, Leggett, Roellig, Lodders et al., 2006, ApJ 647, 552.

Debris Disks around White Dwarfs: The DAZ Connection Kilic, von Hippel, Leggett & Winget, 2006, ApJ 646, 474.

Seventy-one new L and T dwarfs from the Sloan Digital Sky Survey Chiu, Fan, Leggett, Golimowski, Zheng, Geballe et al., 2006, AJ 131, 2722.

The United Kingdom Infrared Deep Sky Survey ZYJHK photometric system... Hewett, Warren, Leggett & Hodgkin, 2006, MNRAS 367, 454.

A unified near infrared spectral classification scheme for T dwarfs Burgasser, Geballe, Leggett, Kirkpatrick & Golimowski, 2006, ApJ 637, 1067.

SDSS J0423-0414: A brown dwarf binary straddling the L/T transition Burgasser, Reid, Leggett, Kirkpatrick & Burrows, 2005, ApJ Letters 634, 177.

Kelu-1 is a binary L dwarf: first brown dwarf science from laser guide star adaptive optics Liu &

Leggett, 2005, ApJ 634, 616.

Excess infrared radiation from a massive DAZ white dwarf: GD362 - a debris disk? Kilic, von Hippel, Leggett & Winget, 2005, ApJ 632, L115.

On the interpretation of high velocity white dwarfs as members of the Galactic halo Bergeron, Ruiz, Hamuy, Leggett, Currie, Lajoie & Dufour, 2005, ApJ 625, 838.

On the Nature of the circumstellar medium of the remarkable type Ia/IIn supernova SN2002ic Kotak, Meikle, Adamson & Leggett, 2004 MNRAS 354, L13.

Spitzer Infrared Spectrograph observations of M. L, and T dwarfs Roellig, Van Cleve, Sloan, Wilson, Saumon, Leggett et al., 2004, ApJS 154, 418.

Near-infrared photometry and spectroscopy of L and T dwarfs: the effects of temperature, clouds and gravity Knapp, Leggett, Fan, Marley, Geballe, Golimowski et al., 2004, AJ 127, 3553.

L' and M' photometry of ultracool dwarfs Golimowski, Leggett, Marley, Fan, Geballe, Knapp et al., 2004, AJ 127, 3516.

Preliminary parallaxes of 40 L and T dwarfs from the USNO infrared astrometry program Vrba, Henden, Luginbuhl, Guetter, Munn, Canzian et al., 2004, AJ 127, 2948.

Analysis of a very massive DA white dwarf ... Dahn, Bergeron, Liebert, Harris, Canzian, Leggett & Boudreault, 2004, ApJ 605, 400.

JHK magnitudes for L and T dwarfs and infrared photometric systems Stephens & Leggett, 2004, PASP 116, 9.

L' and M' standard stars for the Mauna Kea Observatories Near-Infrared (MKO–NIR) system Leggett, Hawarden, Currie, Adamson, Carroll, Kerr et al., 2003, MNRAS 345, 144.

The expansion of Pluto's atmosphere Elliot, Ates, Babcock, Bosh, Buie, Clancy et al., 2003, Nature 424, 165.

The USNO-B Catalog Monet, Levine, Canzian, Ables, Bird, Dahn et al., 2003, AJ 125, 984.

Model atmosphere analysis of two very cool white dwarfs Bergeron & Leggett, 2002, ApJ 580, 1070.

Atmospheric analysis of the M/L- and M/T-dwarf binary systems LHS 102 and Gliese 229 Leggett, Hauschildt, Allard, Geballe & Baron, 2002, MNRAS 332, 78.

Towards spectral classification of L and T dwarfs: infrared and optical spectroscopy and analysis Geballe, Knapp, Leggett, Fan, Golimowski, Anderson et al., 2002, ApJ 564, 466.

Infrared photometry of late–M, L and T dwarfs Leggett, Golimowski, Fan, Geballe, Knapp, Brinkmann et al., 2002, ApJ 564, 452.

A survey of z>5.8 quasars in the Sloan Digital Sky Survey I Fan, Narayanan, Lupton, Strauss, Knapp, Becker et al., 2001, AJ 122, 2833.

Solar system objects observed in the Sloan Digital Sky Survey commissioning data Ivezic, Tabachnik, Rafikov, Lupton, Quinn, Hammergren et al., 2001, AJ 122, 2749.

JHK standard stars for large telescopes: the UKIRT fundamental and extended Lists Hawarden, Leggett, Letawsky, Ballantyne & Casali, 2001, MNRAS 325, 563.

Infrared observations and modelling of one of the coolest T dwarfs, Gl 570D Geballe, Saumon, Leggett, Knapp, Marley & Lodders, 2001, ApJ 556, 373.

Photometric and spectroscopic analysis of cool white dwarfs with trigonometric parallax measurements Bergeron, Leggett & Ruiz, 2001, ApJS 133, 413.

Infrared spectra and spectral energy distributions of late–M and L–dwarfs Leggett, Allard, Geballe, Hauschildt & Schweitzer, 2001, ApJ 548, 908.

The onset of CH_4 in L dwarfs Noll, Geballe, Leggett & Marley, 2000, ApJ 541, L75.

Molecular abundances in the atmosphere of the T dwarf Gl 229B Saumon, Geballe, Leggett, Marley, Freedman & Sagupta, 2000, ApJ 541, 374.

The missing link: Early methane ("T") dwarfs in the Sloan Digital Sky Survey Leggett, Geballe, Fan, Schneider, Gunn, Lupton et al., 2000, ApJ 536, L35.

Spectral energy distributions for disk and halo M–dwarf Leggett, Allard, Dahn, Hauschildt, Kerr & Rayner, 2000, ApJ 535, 965.

The discovery of a second field methane brown dwarf from SDSS commissioning data Tsvetanov, Golimowski, Zheng, Geballe, Leggett, Ford et al., 2000, ApJ 531, L61.

The Discovery of a Field Methane Dwarf from SDSS Commissioning Data Strauss, Fan, Gunn, Leggett, Geballe, Pier et al., 1999, ApJ 522, L61.

Revised Fluxes for Gl229B Leggett, Toomey, Geballe & Brown, 1999, ApJ 517, L139.

Discovery of a Highly Magnetic White Dwarf with Strong Carbon Features Schmidt, Liebert, Harris, Dahn & Leggett, 1999, ApJ 512, 916.

Optical/IR Follow-Up ... of Gamma-Ray Bursts Detected by RXTE Castro-Tirado, Gorosabel, Davies, Leggett, Greiner, Birkle et al., 1999, ApL& C 39, 241.

Infrared Colors at the Stellar/Substellar Boundary Leggett, Allard & Hauschildt, 1998, ApJ 509, 836.

The Cool White Dwarf Luminosity Function and the Age of the Galactic Disk Leggett, Ruiz & Bergeron, 1998, ApJ 497, 294.

Kelu-1: A Free-floating Brown Dwarf in the Solar Neighborhood Ruiz, Leggett & Allard, 1997, ApJ 491, L107.

The Chemical Evolution of Cool White Dwarfs and the Age of the Local Galactic Disk Bergeron, Ruiz & Leggett, 1997, ApJS 108, 339.

Infrared Spectra of Low-Mass Stars: Toward a Temperature Scale for Red Dwarfs Leggett, Allard, Berriman, Dahn & Hauschildt, 1996, ApJS 104, 117.

The Extremely Low Luminosity White Dwarf ESO 439-26 Ruiz, Bergeron, Leggett & Anguita, 1995, ApJ 455, L159.

Discovery and Environment of Five Ultraluminous IRAS Galaxies Clowes, Campusano, Leggett & Savage, 1995, MNRAS 275, 819.

Low-mass stars in the central region of the Hyades cluster Leggett, Harris & Dahn, 1994, AJ 108, 944.

Astrometry for the Galileo mission. 1: Asteroid encounters Monet, Stone, Monet, Dahn, Harris, Leggett et al., 1994, AJ 107, 2290.

The peculiar cool white dwarf LHS 1126 revisited Bergeron, Ruiz, Leggett, Saumon & Wesemael, 1994, ApJ 423, 456.

G62-46 - an unresolved double degenerate binary containing a magnetic DA component Bergeron, Ruiz & Leggett, 1993, ApJ 407, 733.

Discovery of two cool magnetic white dwarfs Bergeron, Ruiz & Leggett, 1992, ApJ 400, 315.

Infrared colors of low-mass stars Leggett, 1992, ApJS 82, 351.

Effective temperatures of M dwarfs Berriman, Reid & Leggett, 1992, ApJ 392, L31.

IRAS 10479 - 2808 - A quasar Clowes, Leggett & Savage, 1991, MNRAS 250, 597.

Optical identifications of IRAS point sources - The Fornax, Hydra I and Coma clusters Wang, Leggett, Clowes, MacGillivray & Savage, 1991, MNRAS 248, 112.

Low mass stars in the region of the Hyades cluster Leggett & Hawkins, 1989, MNRAS 238, 145.

The relationship between the radio and far-IR emission in IRAS galaxies... Unger, Wolstencroft, Pedlar, Savage,Clowes, Leggett & Parker, 1989, MNRAS 236, 425.

Infrared observations and the fundamental properties of white dwarf stars Leggett, 1989, A & A 208, 141.

The infrared luminosity function for low-mass stars Leggett & Hawkins, 1988, MNRAS 234, 1065.

Stellar integrated fluxes for 216 stars in the wavelength range 380 nm-900 nm Petford, Blackwell, Booth, Haddock, Leggett, Mountain et al., 1988, A& A 203, 341.

Narrow band 1 micron-4 micron infrared photometry of 176 stars Selby, Hepburn, Blackwell, Booth, Haddock, Arribas et al., 1988, A& AS 74, 127.

IRAS galaxies - No evidence for a cosmological anisotropy Clowes, Savage, Wang, Leggett, MacGillivray & Wolstencroft, 1987, MNRAS 229, P27.

The origin of the far-infrared flux from spiral galaxies Leggett, Brand & Mountain, 1987, MNRAS 228, P11.

An infrared-optical study of IRAS point sources in the Virgo region Leggett, Clowes, Kalafi, MacGillivray, Puxley, Savage & Wolstencroft, 1987, MNRAS 227, 563.

Narrowband 1-5 micron Photometry of A-Type Stars Leggett, Bartholomew, Mountain & Selby, 1986, MNRAS 223, 443.

The Identification of IRAS Point Sources I - ... the South Galactic Pole Wolstencroft, Savage, Clowes, MacGillivray, Leggett & Kalafi, 1986, MNRAS 223, 279.

Enhanced star formation - The importance of bars in spiral galaxies Hawarden, Mountain, Leggett & Puxley, 1986, MNRAS 221, P41.

The infrared flux method and its use for study of α Boo, μ HER and β Dra... Blackwell, Booth, Petford, Leggett, Mountain & Selby, 1986, MNRAS 221, 427.

Measurement of the oscillator strengths of very weak 1 eV Fe I lines Blackwell, Booth, Haddock, Petford & Leggett, 1986, MNRAS 220, 549.

The effective temperatures, diameters and luminosities of 22 bright stars by application of the infrared flux method Leggett, Mountain, Selby, Blackwell, Booth, Haddock & Petford, 1986, A & A 159, 217.

Erratum - Measurement of Stellar Integrated Flux in the Wavelength Range 370 to 950-nm Petford, Leggett, Blackwell, Booth, Mountain & Selby, 1985, A & A 153, 284.

The flux distribution of Vega for the wavelength region from 10 to 100 μm, and the calibration of IRAS at 12 and 25 μm Leggett, 1985, A & A 153, 273.

Measurement of the absolute flux from Vega at 4.92 microns Mountain, Selby, Leggett, Blackwell & Petford, 1985, A & A 151, 399.

Evaluation of the 1 micron - 5 micron windows at observatory altitudes in the Canary Islands Mountain, Leggett, Selby & Zadrozny, 1985, A & A 150, 281.

Measurement of stellar integrated flux in the wavelength range 370 nm - 950 nm Petford, Leggett, Blackwell, Booth, Mountain & Selby, 1985, A & A 146, 195.

Absolute calibration of the infrared flux from Vega at 1.24, 2.20, 3.76 and 4.6 microns by comparison with a standard furnace Blackwell, Leggett, Petford, Mountain & Selby, 1983, MNRAS, 205, 897.

Measurement of the absolute monochromatic flux from Vega at 2.20 and 3.80 microns ... Selby, Mountain, Blackwell, Petford & Leggett, 1983, MNRAS 203, 795.

Precision measurement of relative oscillator strengths for TI I. I ... Blackwell, Petford, Shallis & Leggett, 1982, MNRAS, 199, 21.