ENVIRONMENT AND COMMUNICATIONS REFERENCES COMMITTEE

Re Australian Antarctic Division Funding

Clarification of Antarctic project numbers

In my evidence I stated that the average number of Antarctic projects in the past was around 100 per year. I attached the data from which this was calculated. It is from the AAD web site.

Clarification of the development of and selection of Antarctic scientific projects outside of external schemes

For many years the AAD ran a combined project and grant scheme. Both AAD staff and externals could apply for support with university applicants being able to apply for grants. The grants were not substantial, usually covering cost of travel to Hobart, Antarctic medicals, and some analysis/ support staff. Often universities projects needed ARC or other larger funds to complete the work, hence often, a timing mismatch between Antarctic access and funds for research developed, or a total mismatch (access and no funding or funding a no access). Solving this mismatch was behind some of the thinking in the Clarke review.

What was honed within the AAD, however, was the process to develop and deliver strategic science. AAD science projects were not developed on the whim of a scientist. The sequence of AAP Strategic plans/ science plans/ science implementation plans was well developed (although this fell substantially in the last 2-3 years). Regardless, for well over the last decade, internal AAD science projects were developed through significant stakeholder discussions and stakeholder pull. Hence not supporting internal AAD science, usually means a gap in Governmental/ departmental needs.

One of the most productive times, I was involved with (~mid 2010's) focussed around the role of the Antarctic Research Assessment Committee. AAD Program and Section leaders, in response to stakeholder pull, would develop the AAP Science Implementation plans. Science project calls would go out to the wider science community with AAD program staff actively encouraging multiple university/ external institutions to apply to address elements of the implementation plans. Often AAD staff were embedded in university projects as brains trusts because of their deep Antarctic knowledge. Calls for "season determining plans", big, campaign style projects that would alter the way a summer season would run, were also called for many years in advance. Project applications would be assessed by the committee, made up of both AAD internal and external members, with the committee also tracking annual progress. This approach led to substantial progress in some areas of science, with the AAD being the central hub to a greater spoke of Antarctic science. Project assessment criteria has always included science plan goal, integrational and international elements.

It is my opinion, that this model: the AAD and the AAD Science Branch being the lead Antarctic science agency was a good model, as it focussed on policy, the international realm, and operational needs, while still allowing for fundamental and cutting-edge science to be met by universities in conjunction with the AAD. Universities by their nature and funding models have different criteria for success. One being delivery of novel, world-leading, and ground-breaking science. While such science may feed into the science-policy nexus, it may not deliver the information on whether, for example, sea-ice conditions allow for ships to reach Casey for resupply, or remediation of oils spills can stop, or simply what is the biodiversity is areas of the AAT. Systematic biodiversity studies and knowledge are fundamental to the Antarctic Treaty and essential to any modelling or sophisticated cutting-edge science that university teams like to deliver, but somewhat impossible to get funding for through systems like the ARC. The recent trend of the AAD Science Branch moving towards being like an adjunct university department (but with their hands tied), attached to a government department, competing for access to Antarctica, with large university teams with multimillions of grant dollars is not effective, and does not meet the needs of the nation.

The challenge is to set up a system that the AAD leads, in a hub and spoke model with universities and other agencies, that can work with the ARC for support for university science. It is a multi-portfolio, bucket of money problem, as well as a need for an effective governance model problem.

Dana M. Bergstrom
20 October 2023

Total approved Austrlaian Antarctic Program science projects 1986 onwards

Source of data	https://antapps.aad.gov.au/public/projects/
definitions	
Campaign science	Science that was/is part of a campaign or large multidisciplinary or internationally-linked style projects
Regulatory science	Delivers regulatory science - feeds into national or internation connvention/ arangement/ Treaty - e.g. biodiversity assessment/ specially protected areas/ wildlife monitoring/ clean up of leagacy waste/ CCAMLR
Traverse	Science requring traverse capability across the AAT to conduct the science
Note	Many long term projects continue/ continued under different numbers e.g. #46,2205,4086

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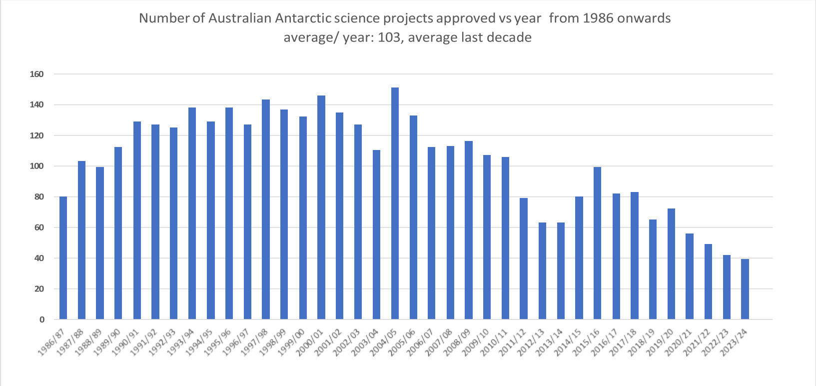

					Total number of approved projects per year ->	80	103	99	112	129	127	125	138	129	138	127	143	137	132	146	135	127	110	151	133	112	113	116	107	106	79	63	63	80	99	82	83	65	72	56	49	42	approved 39
Chief investigator	Project title	# Project Number	Number of years Conducted	C- Campaign science: R- Regulatory science;	Year	1986/87	1987/88	1988/89	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99	1999/00	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
WEBB, Dr. John	Basin Analysis of the Permo-Triassic Amery Group, Northern Prince Charles Mountains	1	2	C				1			1																																
ALLISON, Dr Ian	Outlet Glacier Dynamics	2	3	T			1		1	1																																		
ALLISON, Dr Ian	Glaciology of the Hinterland of the Lambert Glacier Basin	3	8	T		1	1	1	1	1		1	1	1																												
FRASER, Prof. Brian	Propagation of PC1-2 Pulsations Across the Polar Cap	4	6			1	1	1	1	1	1																																	
HALLAM, A/Prof. Neil	Survival of Benthic Organisms on Circumpolar Drifting Kelp	5	1	C						1																																	
JACKA (DECEASED), Dr Fred	Upper Atmosphere Dynamics - Mawson	6	5			1	1	1	1	1																																		
YOUNG, Mr Neal	Distribution, size and dissolution of Antarctic icebergs [observational]	7	28			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1												
YOUNG, Mr Neal	Characteristics, Dynamics and Mass Budget of the Ice Sheet in Wilkes Land	8	19				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																					
JACKA, Dr Tim (Jo)	Laboratory studies of the flow of ice	8	19				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																					
JACKA, Dr Tim (Jo)	Antarctic and Southern Ocean climate monitoring	9	18				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																					
LU, Dr. Chung	Studies of Beaks and Parasites of Antarctic Cephalopods	11	2	R						1	1																																
AYTON, Dr Jeffrey (Jeff)	ANARE health register [observational]	12	28			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1												
AYTON, Dr Jeffrey (Jeff)	Human interaction with the antarctic environment	13	25			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				1	1	1	1	1	1												
MORGAN, Mr Vincent (Vin)	Ice Core Analysis	14	4				1	1	1	1																																	
MORGAN, Mr Vincent (Vin)	Deep Ice Drilling on Law Dome	15	8	T		1	1	1	1	1	1	1	1																														
MORRIS, Dr Raymond (Ray)	Australia's Magnetospheric Research in Antarctica	16	6			1	1	1	1	1	1																																
WILKINSON, Dr. Philip (Phil)	A High Resolution Riometer System: the Rioimager	17	2					1	1																																	
QUILTY, Prof. Patrick (Pat)	Origin of Krill-based Ecosystem	18	3	R		1	1	1																																		
STEEDMAN, Dr. Raymond	Southern Ocean Surface-wave Climate Adjacent Macquarie Island	19	2				1	1																																		
WILKINSON, Dr Philip (Phil)	High latitude ionospheric sounding [observational]	20	26				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
ZEIDLER, Mr. Wolfgang	Survey of Benthic and Other Marine Invertebrates of Prydz Bay Region, Antarctica	21	2	C,R					1	1																																	
BURNS, Dr Gary	Observatory Operations: Riometers	22	4				1	1	1	1																																	
BURNS, Dr Gary	Observatory Operations: All-sky Cameras	23	4				1	1	1	1																																	
BURNS, Dr Gary	Vertical Electric Field	25	10			1	1	1	1	1	1	1	1	1	1																												
DENNIS, Mr Stewart	onwards]	27	8			1	1	1	1	1	1	1	1																														
DOWDEN, Prof. Richard	OPALNET	28	4				1	1	1	1																																	
DULDIG, Dr Marcus (Marc)	Variations of cosmic radiation [observational]	29	26			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
HUMBLE, Dr John	Low energy cosmic rays at Mawson [this project has been incorporated in #29 Variations of cosmic radiation from 2000-01 (DULDIG)]	30	14			1	1	1	1	1	1	1	1	1	1	1	1	1	1																								
BURGESS, Dr. James (Jim)	Environmental History of Small Lake Catchments in the Larsemann Hills, Antarctica	31	2				1	1																																		
CULLEN, Prof. John (Mike)	Examination of Distribution and Abundance of Avian Predators in Relation to Prey Densities and to Oceanographic Conditions	32	1	R				1																																			
HEGGIE, Dr. David (Dave)	A Geochemical Survey of Hydrothermal Activity on the Mid- Ocean Ridge Between Australia and Antarctica	33	1					1																																		
NICOL, Dr. Stephen (Steve)	Ecophysiology of Antarctic Krill 'Euphausia superba'	34	1	R					1																																		
NICOL, Dr. Stephen (Steve)	Characterisation of Krill Aggregations	35	1							1																																	
BOLTER, Dr. Manfred	Microbial Ecology of Antarctic Soils	36	1	R					1																																		
HEATWOLE, Prof. Harold (Hal)	Structure and Function of Terrestrial Biotic Communities	37	1	R					1																																		
O'HARA, Mr. Timothy	Biology and Classification of Macquarie Island Echinoderms	38	1	R					1																																		
COLE, Prof. Keith	Hydroxyl Airglow and Mesospheric Temperatures	39	4			1			1	1			1																														
WRIGHT, Dr Simon	The role of antarctic marine protists in trophodynamics and global change and the impact of UV-B on these organisms	40	27	R		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
NICOL, Dr. Stephen (Steve)	The Role of Antarctic Krill in the Fluoride Cycle in the Southern Ocean	41	1							1																																	
YOUNG, Mr. Neal	Techniques for Analysing and Integrating Disparate Data Sets from Remote Sensing of the Antarctic Region	42	3					1	1	1																																
BURNS, Dr Gary	O(1S) Effective Lifetimes	43	5			1	1	1	1	1																																	
MUSIL, Mr George	Investigation of Ice/Bedrock Interface Using a Synthetic Aperture Radar Technique	44	1				1																																				
WILLIAMS, Dr. Richard (Dick)	Fisheries investigations in the Heard Island AFZ	45	3	C,R					1		1		1																														
KERRY, Dr. Knowles	Development of an Automated Penguin Recording System and its Subsequent Use in the CCAMLR Ecosystem Monitoring Program	46	8	R		1		1	1	1	1	1	1	1																												
SEPPELT, Prof. Rod	Biology of a Terrestrial Continental Antarctic Ecosystem: Adaptive Strategies and Physiological Ecology of Terrestrial and Aquatic Plants	48	9			1	1	1	1	1	1	1	1	1																												
SEPPELT, Prof. Rod	Taxonomy and Phytogeography of Antarctic Mosses and Lichens	49	3	R					1	1	1																															
MARCHANT, Dr. Harvey	An Investigation of the Planktonic Protozoa of Antarctic Lakes	50	5	R					1	1	1	1	1																													
GREEN, Prof. David	Geological Development of the Proterozoic Basement of East Antarctica in the Prydz Bay-Prince Charles Mountains Region	51	3	C				1	1	1																																
MCKELVEY, Dr. Barrie	Cenozoic History of the East Antarctic Ice Sheet - Studies of the Pagodroma Tillite and Related Strata, Prince Charles Mountains	52	1	C					1																																		
MCKELVEY, Dr Barrie	Upper Palaeozoic Studies - Amery Group at Beaver Lake	53	2	C			1		1																																		
RIGBY, Mr. John	Permian Biostratigraphy, Prince Charles Mountains, AAT	54	1	C							1																																
SANDIFORD, Dr. Michael	Early Palaeozoic Tectonics of the East Antarctic Craton	55	2	C					1	1																																	
STEPHENSON, Dr. Nicholas (Nick)	Metamorphic and Structural Evolution of the Precambrian Basement in the Northern Prince Charles Mountains	56	3	C					1	1	1																															
WILSON, Prof. Christopher (Chris)	Structural, Metamorphic and Uplift History of the Prince Charles Mountains	57	2	C					1	1																																	
HEATWOLE, Prof. Harold (Hal)	Cryptobiosis in Terrestrial Antarctic Invertebrates	58	3	R					1	1	1																															
BIGG, Dr. Edward (Keith)	The Nature of Airborne Particles that Effect Cloud Properties in High Southern Latitudes	60	2				1	1																																		
BURTON, Mr Harry	Sulfur gas production by the alga 'Phaeocystis' in Antarctic waters	61	6			1	1	1	1	1	1																																
FORBES, Mr. Andrew	Acoustic Measurements of Global Ocean Warming (Phase II - Feasibility Experiment)	62	2					1	1																																	
PENROSE, A/Prof. John	Determination of the Acoustic Target Strength of Free- swimming Krill and Related Organisms	63	3	R			1	1		1																																	
MCGUFFIE, Dr. Kendal	Cloud Retrieval Using 1.6 um Imagery in Southern High Latitudes	64	1							1																																	
MCMEEKIN, Prof. Thomas (Tom)	The Australian Collection of Antarctic Micro-organisms (ACAM)	65	5	R			1	1	1	1	1																																
MORITZ, Dr. Craig	The Southern Elephant Seal, 'Mirounga leonina': Molecular Population Genetics and Relationship to Other Southern Ocean Pinnipeds	66	3	R					1	1	1																															
ROHDE, A/Prof. Klaus	Ecology and Zoogeography of Parasites of Antarctic Fish	67	3	R					1	1	1																															
SHAUGHNESSY, Dr. Peter	Diving, Haulout and Movement Patterns of Crabeater Seals in Antarctic Pack Ice	69	2					1			1																														
O'GRADY, Dr. Barry	Chemistry of Antarctic Saline Lakes	70	2					1	1																																	
WISHART, Ms. Elspeth	Oral History Documentation of Casey and Wilkes Stations	71	1							1																																	
WISHART, Ms. Elspeth	Study of Historic Buildings at Old Casey	72	2				1	1																																		
RUSSELL-HEAD, Mr. David	Small Scale Utilizing of Icebergs	73	1					1																																		
SCOTT, Dr. Jennifer (Jenny)	Effects of Feral Rabbits, Native Fauna and Humans on Vegetation and Soil Stability, Macquarie Island	76	3	R				1	1	1																																
SELKIRK, Dr. Patricia	Quaternary Vegetation History of Australian Subantarctic Islands	77	4	C		1		1	1	1																																
SELKIRK, Dr. Patricia	Floristics, reproduction, dispersal, and genetic variation of subantarctic and antarctic bryophytes	78	3	C,R		1		1	1																																		
GOLDSWORTHY, A/Prof. Simon	Recovery of the Fur Seal Population at Macquarie Island	79	9	R		1	1	1	1	1	1	1	1	1																												
SIMMONDS, Prof. Ian	The Parameterisation of Sea-ice in a General Circulation Climate Model	80	3							1	1	1																														
FROST, Ms. Leslie	A Tourism Management and Interpretation Plan for the Macquarie Island Nature Reserve	83	2	R				1	1																																		
QUILTY, Prof. Patrick (Pat)	Pliocene Vertebrate Palaeontology, Marine Plain, Vestfold Hills, Antarctica	86	5			1	1	1		1	1																															
BATTS, Dr. Barry	Organic Geochemical Studies on Peat Deposits from Macquarie Island	87	1					1																																		
BURTON, Mr. Harry	Ecology and Molecular Biology of Antarctic Microorganisms (EMBAM)	88	5	R					1	1	1		1	1																												
BURTON, Mr. Harry	Population monitoring and ecology of Weddell seals at the Vestfold Hills	89	12	R		1			1	1	1	1	1	1		1		1	1	1																						
BURTON, Mr Harry	The Life of the Southern Elephant Seal in the Southern Ocean	90	3	C			1		1	1																																	
TOWNROW, Ms. Karen	Post-excavation Analysis of Archaeological Projects on Macquarie Island	92	1	R					1																																		
VAN MEURS, Dr Barbara	Numerical Wind Field Modelling in the Lambert Glacier Region of East Antarctica	93	4				1	1	1	1																																	
BURTON, Mr. Harry	A Comparison of Diving Behaviour, Diet and Vocalisation of the Weddell Seal 'Leptonychotes weddellii' at Two Sites in East Antarctica (Vestfold Hills and East Ongul Islands)	95	1	R					1																																		
CAREY, Dr. Peter	The Influence of Hatch Intervals on Sibling Rivalry and Parental Reproductive Success in Adelie Penguins and South Polar Skuas	96	1	R					1																																		
MULLER, Prof. Hans (Konrad)	Analysis of immunity in Antarctic expedition personnel (INCORPORATED IN PROJ #13 FROM 2001-02)	97	16			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																							
GRAS, Dr John	Antarctic and Southern Ocean atmospheric aerosol study	98	13			1	1	1	1	1	1	1	1	1	1	1	1	1																									
ESSEX, Dr Elizabeth	Satellite Signal Scintillations	99	8			1	1	1	1	1	1	1	1																														
COOPER, Dr. Paul	Energetics of Lactation and Foraging in Antarctic and Subantarctic Fur Seals at Macquarie Island	100	2	R					1	1																																	
COPSON, Mr. Geoffrey (Geof)	Macquarie Island nature reserve vertebrate pests and reserve management program	101	10	R				1	1	1	1	1	1	1	1	1	1																									
BEARDALL, Dr John	Biology of Antarctic Algae	102	5	R		1	1	1	1	1																																	
HALL, Mr. Robert	Origins of the Antarctic Treaty System: Australia's Role	103	1	R					1																																		
GREENSLADE, Dr. Penelope	Invertebrate Monitoring on Macquarie Island	104	6	R					1	1	1	1	1		1																											
HENSEN, A/Prof. Bastiaan (Bas)	Metamorphic History of the Larsemann Hills Area	105	3				1	1	1																																	
CULLEN, Prof. John (Mike)	The Prydz Bay Adelie Penguin/Prey Stock Interaction, a Monitoring Program	106	4					1	1	1	1																														
DOWNES, Mr. Maxwell	Sealers' Logbooks, Heard Island - Part 2	108	1					1																																		
GERAGHTY, Capt. G	Hydrographic surveying in support of ANARE science and logistics (This project transferred to Operations Branch - 1996/97)	109	8					1	1	1	1	1	1	1	1																										
RICHARDSON, Mr. Mark	Collection and Cultivation of Macquarie Island Plants	110	1	R					1																																		
LENNON, Prof. Geof	A Centre for Southern Ocean Sea-levels	111	1					1																																		
JENSSEN, Dr. Martin	Development of Transient Ice Sheet Model for Studying Climate and Sea-level Changes	112	2					1	1																																	
NICHOLS, Dr. Peter	The Biochemistry, Ecology and Organic Geochemistry of Phaeocystis pouchetii communities of Davis Base, Antarctica	113	1	R					1																																		
EVERSON, Dr. Robert (Garth)	Functional Adaptations of Photosynthesis in Antarctic Plants (III): Phororespiration of Antarctic Mosses	114	3				1	1	1																																
ADAMSON, Dr. Heather	Effects of Elevated Ultra-Violet Irradiation and Carbon Dioxide Levels on Antarctic and Subantarctic Plants, Including Implications for Ecosystem Management	115	1					1																																		
DARTNALL, Dr. Herbert (Herb)	The Rotifers of Macquarie Island	116	1	R					1																																		
AYERS, Dr. Gregory	Seasonal Variation in Aerosol Composition	117	2				1	1																																		
BEARDALL, Dr. John	Studies on Light and Temperature Adaptation and Primary Productivity of Antarctic Algae	118	2					1	1																																	
BLACKMAN, Dr. Adrian	Novel Organic Compounds from Antarctic Marine Plants and Invertebrates	119	1					1																																		
ELLIS, Dr David	Petrogenesis of Antarctic Charnockites and Evolution of the Earth's Early Crust	120	6			1	1	1	1	1	1																																
HOME, Prof. Roderick	Historical Roots of Australian Antarctic Research	121	1					1																																		
HERR, Dr. Richard	Polar Policies, Regime Convergence	122	1					1																																		
HENSEN, A/Prof. Bastiaan (Bas)	Pressure-Temperature-Time Path of Granulites From the Northern Prince Charles Mountains - An Integrated Metamorphic Structural Geochronological Study	123	2	C				1	1																																		
ETHERIDGE, Dr David	Concentration and isotopic measurements of radiatively important gases in the southern atmosphere [observational]	124	27			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
GREENSLADE, Dr Penelope	Terrestrial Invertebrates of Heard Island	125	4	C,R		1	1	1	1																																			
GREEN, Prof. David	Mafic Dykes and Shear Zones in the Vestfold Hills, East Antarctic Shield	126	5			1	1	1	1	1																																		
KERRY, Dr. Elizabeth (Liz)	Biodegradation of Petroleum in Soils and Beach Sands at Davis Station, Antarctica	127	3	R					1	1	1																															
DYSON, Prof. Peter	Study of the polar cap ionosphere using a digital ionosonde.	128	4								1	1	1	1																												
BURNS, Dr Gary	Observatory Operations: Magnetometers	129	4				1	1	1	1																																	
RICH, Dr. Patricia	Search for East Antarctic Cainozoic Tetrapods	130	1					1																																		
GREEN, Dr. Kenneth (Ken)	Diet and Population of Fish Predators at Heard Island	131	1	C					1																																		
CULLEN, Prof. John (Mike)	Maternal Attendance and Pup Growth in Fur Seals (Arctocephalus spp.) at Macquarie and Heard Islands	132	2	C					1	1																																	
TILBROOK, Dr. Bronte	The role of the Southern Ocean in the carbon cycle	133	10					1	1	1	1	1	1	1	1	1	1																								
MCMEEKIN, Prof. Thomas (Tom)	Survival of Faecal Bacteria in the Antarctic Environment	134	1					1																																		
COLHOUN, Prof. Eric	An Elemental Analysis of the Glacial Deposits of the Vestfold Hills, Antarctica	135	2				1	1																																		
LONG, Dr. John	Biostratigraphic and Phylogenetic Studies of Devonian Fish Fossils from South Victoria Land, Antarctica	136	1							1																																
LAMBERT, Prof. David	VLF Surface Impedance Measurements for Ice Depth, Gravel Layer and Morraine Mapping	138	2				1			1																																	
DARTNALL, Dr. Herbert (Herb)	Rotifers of the Larsemann Hills	139	2	R						1	1																																
SHAUGHNESSY, Dr. Peter	Marine Mammal Report of the AAE and BANZARE	140	1								1																														
NICOL, Dr. Stephen (Steve)	Collection of live Antarctic krill 'Euphausia superba'	141	6	R						1	1	1	1	1		1																										
JAGO, A/Prof. James (Jim)	Antarctica	143	3			1	1			1																																	
BRONGE, Dr. Ake (Christian)	Holocene Climate of the Vestfold Hills Deduced From Hydrological and Sedimentological Records	144	1						1																																	
LUNDQVIST, Prof. Jan	Glacial Geology in the Vestfold Hills	145	1						1																																	
LUNDQVIST, Prof. Jan	Genetical Studies of Sediments on Heard Island	147	1						1																																	
CROSSLEY, Dr. Leslie (Louise)	The Antarctic Journals of Captain John King Davis	151	1						1																																	
HIGGINBOTTOM, Mr. Ian	Hydroacoustic Investigations of Krill Swarms	152	1	R						1																																	
BLACK, Dr. Lance	Geochemical and Geochronological Studies of Igneous and Metamorphic Rocks of the Northern Prince Charles Mountains	154	1	C						1																																	
VAN FRANEKER, Dr. Jan	Ecology of Antarctic fulmarine petrels	155	2	R		1				1																																	
AMBROSE, Mr. Wallace (Wal)	Natural Freeze-drying of Water-degraded Timber Structures: Feasibility Study	156	3						1	1	1																														
RINTOUL, Dr Stephen (Steve)	Australian Southern Ocean WOCE hydrographic program	157	7				1				1	1	1	1	1	1																										
KEE, Ms. Suzanne (Sue)	Macquarie Island Historic Artefacts Documentation and Analysis	158	1						1																																	
STOLZ, A/Prof. Artur	First-Epoch GPS Measurement of Crustal Motion Across the Indo-Australia/Antarctic Plate Boundary	160	1						1																																	
NICHOLS, Dr. Peter	Lipids and Fatty Acids of Antarctic Sea-ice Algal Communities: New Sources of Polyunsaturated Fatty Acids	161	2						1	1																																
LYONS, Mr. David	Antarctic Transport Systems	162	1						1																																	
CULLEN, Prof. John (Mike)	Egg and Early Chick Losses in the Antarctic Petrel and Southern Fulmar: The Role of the South Polar Skua	164	1	R						1																																	
BURGESS, Dr. James (Jim)	Antarctica	167	1						1																																	
PROSPERO, Prof. Joseph (Joe)	Environmental monitoring of the atmosphere over the Southern Ocean (superceded by #2239 - RACCAH)	168	9				1	1		1	1	1	1	1	1	1																										
FRASER, Prof. Brian	Lower ELF electromagnetic field measurements in the polar cleft and cusp	173	4						1	1	1	1																													
BURNS, Dr. Gary	Inferring Auroral Electron Energies from Optical and Riometer Observations	176	1						1																																	
CLARKE, Dr. Geoffrey (Geoff)	The geological evolution of the Mawson Coast/Framnes Mountains	177	6						1	1	1	1	1		1																										
JOHNS, Dr R (Basil)	An Organic Geochemical Study of the Benthic Sediments and Water Column of Organic Lake, Burton and Ekho Lakes, Antarctica	178	3				1			1	1																															
STODDART, Prof. David (Michael)	The Impact of Feral House Mice on Macquarie Island Ecosystems	179	1	R							1																																
VARNE, Prof. Richard (Rick)	Petrology and Geochemistry of Cambro-Ordovician Granitic Rocks (Granite Harbour Intrusives) from South Victoria Land	180	1						1																																	
MACKENZIE, Dr. Brian	Prediction of Performance of ANARE Field Personnel from Personality and Biographical Data	181	2						1	1																																
DAVIS, A/Prof. Bruce	Non-State Actors in Antarctic Policy	182	1	R						1																																	
KRIWOKEN, Dr. Lorne	Antarctic Environmental Planning: A Study of Marine and Terrestrial Protected Area Management Regimes	184	1	R						1																																	
HEIL, Dr. Petra	Icesheet-atmosphere interaction and surface climatology of interior Antarctica [observational]	187	25				1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1												
ALLISON, Dr Ian	The East Antarctic sea ice zone: characteristics and ocean- ice-atmosphere interaction	189	18			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1																					
MCMEEKIN, Prof. Thomas (Tom)	Estimation of the Abundance and Spatial Distribution of 'Phaeocystis pouchetii' in Southern Ocean and Near-shore Antarctic Waters Using Signature Lipids and Pigments	191	2	R						1	1																																
LINE, Dr. Martin	A Study of the Nitrogen-fixing Microbiota of Macquarie Island Plant Communities	194	1	R						1																																	
BURTON, Mr. Harry	Polygyny in Weddell Seals	199	1	R						1																																	
OVENDEN, Dr. Jennifer	Stock Assessment of Krill, Using Mitochondrial DNA analysis	200	2	R						1	1																																
TANIMURA, Dr. Atsushi	Feeding Ecology of Herbivorous Zooplankton in the Prydz Bay Region, Antarctica	204	1	R						1																																	
TERHUNE, Dr. John (Jack)	Vocal Characteristics and Communication Strategies of Weddell Seal 'Leptonychotes weddelli' Underwater Calls	207	1	R						1																																	
DARTNALL, Dr. Herbert (Herb)	Rotifers of the Vestfold Hills	217	2	R						1																																	
ROBERTSON, Dr. Graham	Comparative Feeding Ecology of Snow Petrels	223	1	R						1																																	

ADAMSON, Dr. Heather	Seasonal Changes in Chloroplast Structure, Composition and Photosynthetic Competence of 'Grimmia antartici'	225	1	R					1																					
SELKIRK, Dr. Patricia	Reproductive Strategies of Subantarctic Flowering Plants	226	3	R					1	1	1																			
SELKIRK, Dr. Patricia	Photosynthetic Response of Ant & Subant Plants to Light & UV Stress in Undisturbed/Disturbed Habitats incl Recommendation for the Promotion of Recolonisation of Damaged Sites	227	2						1	1																				
QUILTY, Prof. Patrick (Pat)	Marine Geology of Surficial Sediments, Prydz Bay, Antarctica	228	4		1	1			1	1																				
HOSIE, Dr Graham	Abundance, Life-cycle and Potential Productivity of 'Euphausia superba' and its Relationship With Other Zooplankton in Prydz Bay, Antarctica	229	2	R		1			1																					
FROST, Ms. Leslie	Tourism Management Strategies for the Australian Antarctic Territory	231	2						1	1																				
ELLIS, Dr. David	Mountains	232	2	C					1	1																				
PICKARD, Dr. John	Age of the Chelnok Moraines, Vestfold Hills	233	1						1																					
BURTON, Mr. Harry	Aerial Photographic Census of Birds and Seals in the Casey Region in 1990-91	234	2	R				1	1																					
TYLER, Dr. Peter	Biology of Antarctic Non-marine Algae	235	1	R					1																					
WILLIAMS, Dr Richard (Dick)	Studies on the Fish of the Prydz Bay Region	239	3	R	1	1			1																					
SHAUGHNESSY, Dr. Peter	Fur Seals at Heard Island, Abundance and Mother Pup Relations	240	2	C,R	1		1																							
SHAUGHNESSY, Dr Peter	Breeding Biology of Crabeater Seals	241	2	R	1	1																								
LENNON, Prof. Geof	Towards a Coordinated Program of Australian Antarctic Oceanography	242	3		1	1	1																							
JOHNSON, Dr. Lawrence	Environmental Ethics and the Antarctic - A Field Survey	243	1				1																							
ADAMSON, Dr Heather	Photosynthetic Attributes of Antarctic Plants	244	2			1	1																							
BATTS, Dr. Barry	Organic Geochemical Studies on Algal Deposits from the Vestfold Hills, Antarctica	245	1				1																							
PETERSON, Dr. James (Jim)	Macquarie Island Aerobiology and Wind Climate Project: Phase 3	246	1				1																							
CULLEN, Prof. John (Mike)	Food Requirements, Growth and Early Mortality of Antarctic Petrels, and Comparisons with Sympatric Southern Fulmars Near Davis	247	1	R			1																							
JACKA (DECEASED), Dr Fred	Internal Gravity Waves in the Upper Atmosphere at Mawson	249	2			1		1																						
SIMPSON, Prof. Rodney (Rod)	Evaluation of Possible Effects on Rocky Shore Biota from Oil Spillage from the 'Nella Dan'	250	1	R			1																							
LINE, Dr Martin	Taxonomy of Halophiles from Antarctic Soils	253	2	R		1	1																							
EDGAR, Dr Graham	The Ecology and Biogeography of Heard Island Marine Benthos	254	2	R		1	1																							
WHINAM, Dr Jennifer (Jennie)	Spatial Variations of the Morphology and Vegetation of Macquarie Island Pools	255	2	R		1	1																							
DAVIS, A/Prof. Bruce	Implementation of CCAMLR (Stage 2 Investigation)	256	2	R		1	1																							
BRYDEN, Prof. Michael	Ecology of Southern Elephant Seals	257	2	R		1	1																							
JENKINS, Dr. Christopher (Chris)	Ocean Drilling Program: Prydz Bay - Clasts of the Cenozoic Glacial Deposits, Glacial Ice Derivation and Hidden East Antarctic Geology	258	1				1																							
JENKINS, Dr. Christopher (Chris)	Ocean Drilling Program: Kerguelen-Heard Plateau - Cenozoic Variations in Southern Ocean Currents and Relationship to Climatic Changes	259	1	C			1																							
KRIWOKEN, Dr Lorne	Antarctic Environmental Studies	262	1			1																								
HARLEY, Prof. Simon	Metamorphic Evolution and Tectonic Setting of Granulites from Eastern Prydz Bay	263	1			1																								
FRANZMANN, Dr Peter	The Geochemistry, Ecology and Taxonomy of Antarctic Methanogenic Bacteria	264	1	R		1																								
GARDAM, Ms Judith	Environmental Law and the Antarctic	273	1			1																								
COLHOUN, Prof. Eric	Stability, Glaciological and Depositional Conditions of Continental Ice Sheet Edge at Vestfold Hills	275	1			1																								
ADAMSON, Dr. Donald (Don)	Cainozoic History of the Bunger Hills Region: A Study of the Dynamic Interaction of Ice and Land	276	1		1																									
COLE, Prof. Keith	The Geo-Electric Environment	278	1			1																								
ESSEX, Dr. Elizabeth	Satellite Beacon Studies of the Ionosphere in the Southern Auroral Region	279	1		1																									
BLACK, Dr Lance	The Geological Evolution of the Rauer Is.-Vestfold Hills Region, with Particular Reference to the Nature of the Archaean-Proterozoic Boundary, A Structural & Isotopic Study	284	1			1																								
CHIVAS, Prof. Allan	Isotape Geochemistry of Some Lakes and Fjords in the Vestfold Hills, Antarctica	285	1			1																								
HUGHES, Ms. Janet	Materials Conservation Survey of Heard Island Historic Sites	287	1						1																					
DEHAIRS, Dr. Frank	Comparative Study of the Composition and the Transport of Particulate Biogenic Matter in the Shelf, Slope and Pelagic Watercolumn of the Prydz Bay Area	288	1						1																					
IDNURM, Dr. Mart	Palaeomagnetism of Mafic Dykes of Vestfold Hills	289	1				1																							
ADAMSON, Dr. Donald (Don)	Mountains	290	1	C			1																							
ALLISON, Dr. Ian	Satellite Glaciology	291	1		1																									
BARTON, Dr. Charles	Location and Motion of the South Magnetic Pole	294	2		1		1																							
BRONGE, Dr Ake (Christian)	Hydrology and Sediment Studies in Antarctic Freshwater Drainage Systems	299	1			1																								
BROWN, Mr Stephen	Development of Policy on Cultural Resource Management for Macquarie Island	300	2			1	1																							
BROTHERS, Mr. Nigel	Blood Samples from Heard Island Shags	301	1				1																							
BURNS, Dr. Gary	Equipment Run for Other Research Agencies	303	1		1																									
BURNS, Dr Gary	Pulsating Aurora (Pi(c) Pulsations	305	2			1	1																							
BURTON, Mr. Harry	The Origin of Hypersaline Brines in Ellis Fjord and the Relationship of These Processes to Other Stratified Water Bodies and Lake Levels in the Vestfold Hills	306	1				1																							
BURTON, Mr Harry	Matching of Sediment Core Microfossils to Existing Aquatic Environments in the Vestfold Hills	307	1			1																								
BURTON, Mr. Harry	Physiological Tolerances of Some Antarctic Zooplanktons	308	1	R	1																									
BURTON, Mr. Harry	Coring Analyses of Cores from Near Shore Sites in the Vestfold Hills	310	1		1																									
BURTON, Mr Harry	Dispersion in Leopard Seals: A Five Year Program	311	1	R		1																								
BUTCHER, Dr. Eric	Oblique Propagation Ionosphere Studies	313	1		1																									
CHAMALAUN, Dr Francois	Geomagnetic Variations Studies on Kerquelen Island	314	2		1	1																								
CLARK, Ms. Linda	Conservation and Storage of Archaeological Material Returned to Australia from Heard Island	317	1				1																							
LU, Dr. Chung	A Survey of the Benthic Marine Invertebrates of Prydz Bay, Antarctica	318	1	R	1																									
DE BOORDER, Dr Hugo	The Reworking of Deformed Archaean Protolith in the Early - Proterozoic Lower Crust	321	1			1																								
DE BOORDER, Dr Hugo	The Role of Shear Zones in the Structural Development of the Vestfold Hills Area	322	1			1																								
GORMLY, Dr Peter	Gastrointestinal Disease & Hypothermia on Polar Field Work (Incorporated in Project 13 [Lugg] from 1989/90)	326	3		1	1	1																							
ESSEX, Dr. Elizabeth	Radio Propagation Studies	327	1		1																									
ETTERSHANK, Dr. George	Hormonal Control of Ecdysis in the Antarctic	328	1		1																									
FRANCEY, Dr Roger	Meridional and Seasonal Variations in the Stable Isotopes of Atmosphere CO2 [This project has been superceded by ASAC Project 124 - Francey, Pearman]	332	3		1	1	1																							
GOODWIN, A/Prof. Ian	Sedimentological and Glacial Geological Studies at the Law Dome Ice Margin	339	3			1	1															1								
GREENSLADE, Dr. Penelope	Adventitious Invertebrates at Antarctic Stations	342	1				1																							
HALMAGYI, Dr. Michael	Changes in Vestibular Function Associated with Prolonged Motion	347	1				1																							
HAMMOND, Dr Laurence	Study of Circulation in Prydz Bay Region by the Application of Numberical Models	348	2			1	1																							
HARLEY, Prof. Simon	Rauer islands	351	1				1																							
HEATWOLE, Prof. Harold (Hal)	Ecological Relationships of Antarctic Tardigrades	354	2	R	1	1																								
HIGGINBOTTOM, Mr. Ian	Hydroacoustic Determination of the Abundance and Distribution of Krill in the Region of Prydz Bay, Antarctica	357	1	R	1																									
HIRVAS, Mr. Heikki	Antarctica	360	1				1																							
HUGHES, Ms Janet	A Field Study of the Preservation Problems of Historic Sites on Heard Island	364	1	C		1																								
IKEDA, Dr. Tom	Abundance, Life Cycle and Potential Productivity of Euphasia superba in Prydz Bay	365	1	R	1																									
JACKA, Dr Tim (Jo)	Ice and Climate Variability in the Southern Ocean (Heard Island Glacier Fluctuations)	366	1	C		1																								
JACKA (DECEASED), Dr Fred	The Hurley-Mawson View of Antarctica	367	2			1	1																							
JAMES, Dr Patrick	Geological Investigations of the Eastern Amery Ice Shelf	368	1			1																								
DENHAM, Dr. David	Installation of a Long-Period Seismograph, Macquarie Island	370	1		1																									
JOHNSTONE, Dr. Gavin	Availability of Food of Vertebrate Predators in Neritic Zone, Magnetic Island	371	1	R	1																									
JOHNSTONE, Dr. Gavin	Population Dynamics of Breeding Colonies of Seabirds in the Davis Region	372	1	R	1																									
JOHNSTONE, Dr. Gavin	Population Studies of Northern Giant Petrels and Wandering Albatross at Macquarie Island	374	1	R	1																									
KERRY, Dr Elizabeth (Liz)	Indigenous and Introduced Fungi in the Vestfold Hills Region, Antarctica - their Physiological and Nutritional Characteristics and Role in the Antarctic Ecosystem	377	2	R		1	1																							
KERRY, Dr Knowles	The Distribution, Abundance and Biology of the Crabeater Seal Lobodon Carcinop Hagus in the Pack Ice Region of the Australian Antarctic Territory	378	1	R		1																								
KIRKWOOD, Dr John	The Zooplankton Ecology of Ellis Fjord	379	1	R		1																								
LEES, Mr. Terry	The Sulphide Deposit at Caroline Cove, Macquarie Island	382	1		1																									
LEWIS, Dr Roger	Heard Island Seismicity of Volcanic and Off-ridge Origin	383	1			1																								
LUNDQVIST, Prof. Jan	Till and Moraine Formation in Dry Areas	385	1		1																									
LUGG, Dr Desmond (Des)	ANARE Psychology Study (Now incorporated in Project 13 [Lugg])	386	2			1	1																							
LUGG, Dr Desmond (Des)	Sero Conversions to Campylobacter Pyloridis in Isolated ANARE Personnel (Incorporated in Project 13 [Lugg] from 89/90)	387	2			1	1																							
MAHER, Dr Williiam	Input of Anthropogenic Hydrocarbons to the Antarctic Environment	390	2	R	1	1																								
LUGG, Dr. Desmond (Des)	Study of Picture Perception: Aesthetic Appeal and stress Reduction in Confined Antarctic and Space Settings	392	1				1																							
MUMAW, Ms Laura	Macquarie Is. Complex: Display, Husbandry & Captive R'srch on the Leopard Seal 'Hydrurga leptonyx', Sthn Elephant Seal 'Mirounga Leonina' & Rockhopper Pengn 'Eudyptes chrysocome'	393	1	R		1																								
MCCUE, Mr Kevin	Upgrade of the Mawson Seismograph Station	394	1			1																								
MCCUE, Mr. Kevin	Monitoring of Earthquakes and Nuclear Explosions	397	1		1																									
NICHOLLS, Dr. Ian	Genesis of Volcanic Rocks, Heard Island	400	1	C	1																									
O'BRIEN, Mr. Domonic	Analysis of Swarming Behaviour in Antarctic Krill Using In Situ Observations	402	1		1																									
O'DONNELL, Mr. Peter	IAGP Glaciology Support at Casey and Hinterland	403	1	T	1																									
OLIVER, Dr Robin	Geochronological Studies, Commonwealth Bay	404	1			1																								
PASSCHIER, Prof. Cornelis (Cees)	Faulting Associated with Dolerite Dyke Intrusion in the Vestfold Hills	405	1				1																							
QUILTY, Prof. Patrick (Pat)	Palaeogene Bioistratigraphy, Heard Island	411	1	C	1																									
QUILTY, Prof. Patrick (Pat)	Antarctic Cretaceous & Cenozoic Palaeontology and its Ramifications	412	1					1																						
QUILTY, Prof. Patrick (Pat)	Ocean Drilling Program Participation	413	1				1																							
QUILTY, Prof. Patrick (Pat)	Direct Measurement of Carbonate Compensation Depth (CCD) in Prydz Bay - an attempt to Measure Dissolution Rates of Calcite Blocks as a Guide to Identifying (CCD) in Prydz Bay	414	1		1																									
ROBERTSON, Dr Graham	Diet and Feeding Ecology of Emperor Penguins	419	4	R	1	1	1		1																					
PETERSON, Dr James (Jim)	Distribution and Dynamics of Vegetation in Relation to Natural Disturbance Factors, Heard and McDonald Islands	423	2	C,R	1	1																								
STAHLE, Mr. Peter	Biological Survey of Prince Charles Mountains	432	1	C,R	1																									
THOMAS, Mr. Paul	crystrallorophias	435	1	C,R	1																									
VAN TETS, Dr Gerard	Behaviour and Vocalisation of Heard Island Birds	440	1			1																								
WILLIAMS, Dr. Richard (Dick)	Taxonomy and Zoogeography of Fishes around Macquarie Island	446	1		1																									
WILSON, Prof. Christopher (Chris)	Tectonic and Metamorphic Evolution of the Bunger Hills Region	449	1	C	1																									
WISHART, Ms. Elspeth	Preparation of Artefact Catalogue of ANARE Collections	450	1				1																							
WOEHLER, Dr Eric	A Survey of the Burrowing Petrels at Heard Island	451	1	C,R		1																								
WOOLLER, A/Prof. Ronald	Consistent Individuality of Voice in Antarctic Sea Birds	453	1		1																									
YOUNG, Mr Neal	Satellite Remote Sensing of the Ice Sheet and Sea Ice Zone	454	1			1																								
YOUNG, Mr Neal	Properties and Structure of Antarctic Snow and Ice	456	1			1																								
YOUNG, Mr. Neal	The Dynamics of the Outlet Glaciers	457	1		1																									
COCHRAN, Dr. Tonia	A Study of the Reproductive Biology of the Brooding Chiton Hemiarthrum Setulosum. Collection of Subantarctic Marine Invertebrates from Macquarie Island	461	1		1																									
BACIU, Mr. Florian	Environmental Radioactivity	463	1						1																					
ROBERTSON, Dr. Graham	Feeding Ecology of Penguins at Heard Island with Special Emphasis on King Penguins	465	1	C,R						1																				
BURTON, Mr. Harry	Diet and Foraging Area of Antarctic Fur Seals at Heard Island	466	1	C,R						1																				
BURTON, Mr. Harry	Southern Elephant Seal Foraging in the Southern Ocean	468	1	C,R						1																				
COLE, Prof. Keith	Analysis and Interpretation of ANARE Geomagnetic Pulsation Observations - 1992-93 superceded by Fraser 606	470	1							1																				
HOSIE, Dr. Graham	Continuous plankton recorder survey [observational]	472	23	R						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
HOSIE, Dr. Graham	Summer Zooplankton Composition of the Heard Island AFZ	473	1	C,R						1																				
BOLTER, Dr. Manfred	Biology of a Terrestrial Continental Antarctic Ecosystem: Stable Isotopes as Indicators for Structures and Processes in Microbial Systems	475	1	R						1																				
FORBES, Mr. Andrew	A Comprehensive Oceanographic Survey of the Structure and Dynamics of the Prydz Bay Region with Particular Reference Explaining Biological Features Observed in Recent Studies	477	1							1																				
FORBES, Mr. Andrew	Western Boundary Current of the Eastern Flank of the Kerguelen Plateau	478	1	C						1																				
MICHAEL, Dr. Kelvin	Torpedo Platform for Assessment of Sea Ice Thickness	479	5							1	1	1	1	1																
PAULY, Dr. Timothy (Tim)	superba'	480	2	C,R						1	1																			
WIENECKE, Dr. Barbara	Population estimates of emperor penguins, Mawson coast, Antarctica (observational)	484	22	R						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
DYSON, Prof. Peter	Upper atmosphere dynamics and thermodynamics	484	22	R						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
MOCK, Prof. Douglas	Brood Reduction in Royal and Rockhopper Penguins on Macquarie Island	485	1	R						1																				
SELKIRK, Dr. Patricia	Mapping Major Landform and Vegetation Types on Macquarie Island	488	3							1	1	1																		
KANTVILAS, Dr. Gintaras	Taxonomy and Ecology of Macquarie Island Lichens	489	1							1																				
STONE, Dr. John	Uplift and Exposure History of the Vestfold Hills	490	1							1																				
MCMINN, Prof. Andrew	Phytoplankton Distribution in Surface Samples and Cores from Prydz Bay and Long Fjord and its Relationship to Sea Level and Climatic Change	492	1	R						1																				
MCGUFFIE, Dr. Kendal	Sea-ice characteristics in the Australian Antarctic	494	1							1																				
HARLEY, Prof. Simon	Structural and Chemical Processes in Granulite Metamorphism: the Rauer Group and Brattstrand Bluffs Region, Prydz Bay	497	2							1	1																			
MCMEEKIN, Prof. Thomas (Tom)	Baseline Study of Faecal Bacteria in Coastal Waters at Davis Station, Antarctica	498	1							1																				
SIKES, Dr. Elisabeth	Use of Organic Geochemical Markers for Palaeoclimatic Assessment	499	1							1																				
BURNS, Dr. Gary	Pulsating Aurora - Conjugacy	501	3							1	1	1																		
VAN FRANEKER, Dr. Jan	Monitoring Organochlorine Pollutants in the Antarctic Ecosystem	503	4							1	1	1	1																	
FRANZMANN, Dr. Peter	Molecular Taxonomy of an Antarctic, Mycoplasma-like Organism: Sequence of the 16S Ribosomal RNA Gene	504	1	R																										
LYONS, Mr. David	Habitability of Australian Antarctic stations	505	2							1	1																			
LINE, Dr. Martin	Characterisation of Cyanobacterial Associates of Plant Communities of Macquarie Island	506	2							1	1																			
PAPITASHVILI, Dr. Vladimir (Volodya)	Geomagnetic and Very-Low-Frequency Observations Near the Border of the Southern Polar Cap	507	1							1																				
MCMINN, Prof. Andrew	The Use of Lipid Profiles of 'Euphausia superba' as a Parameter for Determining Dietary Preferences and the Abundance and Spatial Distribution of Krill	508	2	R						1	1																			
DRINNAN, Dr. Andrew	Stratigraphy, Fossil Floras and Palaeoenvironments of the Permian-Triassic Amery Group, Northern Prince Charles Mountains	509	4							1	1		1	1																
WAAS, Dr. Joseph (Joe)	An Experimental Study of Reproductive Synchrony in Royal Penguin Colonies	510	1	R						1																				
MICHAEL, Dr. Kelvin	Radiometric Measurements of Sea Surface Temperature in the Southern Ocean	511	3							1		1	1																	
GIBSON, Dr. Timothy	A Study of Possible Tropospheric Triggering of Ozone Depletion in the Antarctic Stratosphere	512	1							1																				
JENSSEN, Dr. Martin	Global Warming and the Antarctic Mass Budget	513	1							1																				
FRASER, Prof. Brian	Observations of ULF space plasma waves in Antarctica	514	20							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
SIMMONDS, Prof. Ian	Conditions for Strong Wind Occurrences at Casey	517	1							1																				
WHITEHEAD, Mr. Michael	Diving Behaviour of Adelie Penguins in Prydz Bay	518	1	R						1																				
WILSON, Prof. Christopher (Chris)	Late Proterozoic Tectonics in the Prydz Bay Area	519	3							1	1	1																		
BURTON, Mr. Harry	Anaesthetics and Ecology of the Southern Elephant Sea at Macquarie Island	520	1							1																				
GREENSLADE, Dr. Penelope	Activity of Terrestrial Invertebrates under Snow on Heard Island	521	2	C,R						1	1																			
MORGAN, Mr. Vincent (Vin)	Intermediate Depth Drilling and Firn Porosity Measurements at DEO8 on Law Dome	522	1								1																			
KRIWOKEN, Dr. Lorne	Antarctic Environmental Planning	525	1	R																										
SHAUGHNESSY, Dr. Peter	Recovery of Fur Seals at Heard Island	526	2	C,R						1	1																			
MORRIS, Dr. Raymond (Ray)	Observatory operations (operational)	527	17							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
WILSON, Prof. Christopher (Chris)	Uplift History of the Prince Charles Mountains and the East Antarctic Shield	528	2	C						1				1																
BURTON, Mr. Harry	Population Monitoring of Adelie Penguins at Whitney Point and Shirley Island, Wilkes Land	532	4	R						1	1	1	1																	
BURTON, Mr. Harry	The Distribution and Abundance of Seabirds at Sea in Prydz Bay in Relation to Physical and Biological Parameters	533	2	R						1	1																			
MABIN, Mr. Mark	Late Quaternary Glacial History of the Lower Lambert Glacier-Amery Ice Shelf System	534	2	T						1			1																	
COOPER, Dr. Paul	Maternal Investment Strategies, Energetics and Feeding Ecology of Antarctic and Subantarctic Fur Seals at Macquarie Island	535	1	R						1																				
PEARSON, Prof. Colin	Corrosivity Mapping of Antarctica utilising exposure of standard alloy coupons	537	2							1	1																			
PEARSON, Prof. Colin	Protective Coatings for Mawson's Huts	538	2							1	1																			
MCBRIDE, Dr. Thomas (Patrick)	Past and Present Freshwater Lake Environments on Macquarie Island	539	3							1	1	1																		
BURTON, Mr. Harry	Environmental impact of pelagic plastics: surface waters of the Southern Ocean and adjacent shorelines	540	3	r						1		1			1															
MANNING, Mr. John	SCAR - GPS Plate Tectonic Survey	541	4							1	1	1		1																
MARCHANT, Dr. Harvey	The Production and Fate of Biogenic Particles in the Antarctic Marine Ecosystem	542	1							1																				
CLARKE, Prof. Michael	Development of a Scientific Base for Management Guidelines to Minimise the Impacts of Human Activity on Adelie Penguins in Antarctica	544	3	r							1	1	1																	
MCMINN, Prof. Andrew	To Establish the Baseline Parameters for the Haematology and Red Blood Cell Metabolism of the Southern Elephant Seal (Mirounga leonina)	545	2							1	1																			
BROLSMA, Mr. Henk	Antarctic and Southern Ocean sea level network (Note: From 1997-98 this work is overseen by Operations Branch & is now incorporated in Project No. 1034).	546	6							1	1	1	1	1	1															
ALLISON, Dr. Ian	Nett Mass Balance and Dynamics of Heard Island Glaciers	547	1	C						1																				
PARSLOW, Dr. John	Primary Production along the WOCE Transect South of Australia	549	1							1																				
ROBERTSON, Dr. Graham	Effect of the Stomach Flushing Method on Adelie Penguins	550	1	R						1																				
MARCHANT, Dr. Richard	A Survey of the Freshwater Macroinvertebrates in Streams and Lakes of Macquarie Island	555	1	R							1																			
TERHUNE, Dr. John (Jack)	Dialects and Usage Patterns of Weddell Seal 'Leptonychotes weddelli' Underwater Vocalisations	556	1	R							1																			
BURTON, Mr. Harry	The Annual Cycle of Reproductive and Stress Hormones in the Gentoo Penguins	558	1	R						1																				
RANDO, Mr. Samuel (Sam)	Evaluation of Environmental Education Program	559	1								1																			

COLHOUN, Prof. Eric	Morphology, Origin and Significance of Ice Gullies in the Vestfold Hills	562	2				1	1																		
PETZ, Dr. Wolfgang	Morphology, Taxonomy and Ecology of Terrestrial Antarctic Ciliates and Testaceans (Protozoa)	565	1	R				1																		
GOLDSWORTHY, A/Prof. Simon	Male Copulatory Success Within and Between Three Species of Fur Seal ('Arctocephalus' spp) at Macquarie Island	566	2	R			1	1																		
O'GRADY, Dr. Barry	Trace Element Chemistry of Antarctic Saline Lakes and Fjords	568	3				1	1	1																	
BURGESS, Dr. James (Jim)	Development of Fluvioglacial Landforms in the Larsemann Hills, Eastern Antarctica	570	2	C			1	1																		
MORGAN, Prof. Peter	Analysis of SCAR GPS Data Sets	571	2				1	1																		
NICOL, Dr. Stephen (Steve)	Measurements of population and individual rate processes in Antarctic krill	576	2	C,R			1	1																		
HOSIE, Dr. Graham	Mesoscale Distributions of Krill and Zooplankton Communities in Prydz Bay in Relation to Physical and Biological Oceanographic Parameters	577	1	C,R			1																			
MARCHANT, Dr. Harvey	The Role of Ciliates in the Antarctic Planktonic Marine Food Web	578	2	C,R			1	1																		
MARCHANT, Dr. Harvey	The Role of Amoebae in the Antarctic Marine Ecosystem	580	2	C,R			1	1																		
PARSLOW, Dr. John	Role of the Primary Production in Carbon Uptake and Carbon Recycling in the Southern Ocean South of Australia	581	4	C,R			1	1	1	1																
RATH, Mr. Andrew	The Insect-Pathogenic Mycoflora of Macquarie Island	582	1	C,R			1																			
NICOL, Dr. Stephen (Steve)	Krill Distribution and Abundance off Wilkes Land, Terre Adelie and George V Land	583	1	C,R			1																			
SELKIRK, Dr. Patricia	Patterns of Distribution of Vegetation in Relation to Snow Petrel 'Pagodroma nivea' Nesting Sites in the Vestfold Hills	584	1	R			1																			
SEPPELT, Prof. Rod	Taxonomy and biogeography of Antarctic and Subantarctic flora	585	5	R			1	1	1	1	1															
NICOL, Dr. Stephen (Steve)	Fluoride Concentration in Antarctic Marine Crustaceans	587	1	R			1																			
HINDELL, Prof. Mark	Foraging Ecology and Energetics of the Royal Penguin	588	2	R			1	1																		
HINDELL, Prof. Mark	Diving Physiology and Energy Requirements of Free Ranging Southern Elephant Seals	589	1	R			1																			
HINDELL, Prof. Mark	Heavy metal and organochlorine pollutants in Antarctic vertebrates	590	3	R			1	1	1																	
WATANUKI, Dr. Yutaka	Diving Performance of the Adelie Penguin in Relation to the Type of Prey	591	1	R			1																			
GOODWIN, A/Prof. Ian	Investigation of Recent Changes to Surface Mass Balance	592	1				1																			
ROBERTSON, Dr. Graham	Casey snow petrel monitoring project	593	5	R			1	1	1	1	1															
ROBERTSON, Dr. Graham	Census of Light-mantled Sooty Albatrosses on Macquarie Island	594	2	R			1	1																		
RICHARDSON, Mr. Mark	Collection and Cultivation of Subantarctic Plants	595	1				1																			
WILSON, Prof. Christopher (Chris)	Surface ice flow characteristics in the Framnes Mountains	599	4				1	1	1	1																
GIBSON, Dr. Timothy	A Study of Upper-Tropospheric Winds in High Southern Latitudes	603	1				1																			
DAVISON, Prof. Graeme	An Oral History of ANARE at Heard Island 1947-1955	604	1				1																			
MARSHALL, Mr. John	Prydz Bay Sedimentation History Pilot Study	605	1				1																			
VINCENT, Prof. Robert (Bob)	Dynamical coupling in the Antarctic middle atmosphere	606	21				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
BRYDEN, Prof. Michael	Behavioural Significance of Sound Production in Leopard Seals 'Hydrurga leptonyx'	607	2	R			1	1																		
WILLIAMS, Dr. Richard (Dick)	The Vertical Distribution of the Pelagic Fish 'Pleuragramme antarcticum' in Prydz Bay	608	1	R			1																			
TASSELL, Mr. Christopher	Heritage Study of Mawson Station	609	1				1																			
FRASER, Prof. Brian	A Conjugate Study of ULF Waves at the Cusp	613	3				1	1	1																	
ROBERTSON, Dr. Graham	Foraging Ecology of Emperor Penguins	616	3	R			1	1	1																	
COOPER, Dr. Paul	Haematology and Blood Chemistry in the Crabeater Seal, 'Lobodon carcinophagus'	623	2				1	1																		
MCMEEKIN, Prof. Thomas (Tom)	The Use of Chemical Signatures to Monitor 'Phaeocystis' and Determination of Baseline Hydrocarbon Concentrations and Distributions in the Antarctic Marine Environment	625	1				1																			
RINTOUL, Dr. Stephen (Steve)	Underway Sampling from ANARE Vessels	626	3				1	1	1																	
FRANZMANN, Dr. Peter	Production and Fate of Dissolved and Particulate Organic Matter During Antarctic Phytoplankton Blooms	630	1				1																			
SIMMONDS, Prof. Ian	Physical Basis for Forecasting Strong Wind Events in the Antarctic Coastal Regions	632	2				1	1																		
DAVIS, A/Prof. Bruce	Integrated Management Strategy for Historic Sites and Monuments - Phase 2	633	1				1																			
YOUNG, Mr. Neal	Remote Sensing of the Mass Input, Glacier Dynamics and Surface Characteristics of the Antarctic Icesheet	634	3				1	1	1																	
YOUNG, Mr. Neal	Remote Sensing of Sea Ice Characteristics and Motion in the East Antarctic Seasonal Sea Ice Zone	635	3				1	1	1																	
DE DECKKER, Prof. Patrick	Evolution of the Antarctic Divergence in the Prydz Bay Region - of Significance for Global Climate Change	637	2				1	1																		
FRANZMANN, Dr. Peter	Analysis of a Methanogenic, Antarctic Microbial Community by Molecular Probes and Flow Cytometry	639	1				1																			
MCMINN, Prof. Andrew	Phytoplankton Ecology in the Fjords of the Vestfold and Larsemann Hills	640	1	R			1																			
SIKES, Dr. Elisabeth	Investigation of Past Sea Surface Temperatures of the Southern Ocean Using Organic Geochemical Markers	644	1				1																			
MICHAEL, Dr. Kelvin	Synthetic Aperture Radar Investigations of Fronts in the Southern Ocean	645	1				1																			
ZWART, Prof. Peter	Analysis of Antarctic Surface Characteristics Using a Geographic Information System and Remote Sensing	646	1				1																			
LU, Dr. Chung	An Investigation of Benthic Invertebrate Communities Relative to the Physical Environment of Prydz Bay	649	2				1	1																		
LEYVA, Dr. Armando	Spectral Transparency of the Antarctic Marine Atmosphere	653	1				1																			
LU, Dr. Chung	Collections of Cephalopods and Other Benthic Invertebrates of the Heard Island/Kerguelen Plateau Region	656	1					1																		
BURTON, Mr. Harry	Prey Consumption by Seabirds around Heard Island in Relation to Physical and Biological Oceanographic Parameters	657	1	C,R				1																		
HINDELL, Prof. Mark	Foraging Ecology of Crested (Eudyoptes) Penguins at Macquarie Island	659	3	R				1	1	1																
BURTON, Mr. Harry	Factors controlling the population status of the southern elephant seal 'Mirounga leonina' at Macquarie Island (superceded by project #2265 - BURTON)	660	4	R				1	1	1	1															
ANDREWS, Prof. Richard (Dick)	Physiological and Fertility Profiles of Macquarie Island Rats	662	1	R				1																		
KLEINSCHMIDT, Dr. Georg	Shear Zones in the Bunger Hills, Antarctic Shield: Fabrics, Kinematics and Relations to History of Deformation and Metamorphism	663	1	C	1																					
HENSEN, A/Prof. Bastiaan (Bas)	Metamorphic and Tectonic History of an Amphibolite-Granulite Terrane, Windmill Islands, Antarctica: An Integrated Analysis of a Gondwana Fragment	665	2					1	1																	
QUILTY, Prof. Patrick (Pat)	Pliocene Palaeontology and Palaeoenvironments of Marine Plain, Vestfold Hills	666	1	R				1																		
BURTON, Mr. Harry	Relationship Between Inorganic and Organic Forms of Carbon in Antarctic Lakes and Nearshore Waters	667	2	R				1	1																	
NICOL, Dr. Stephen (Steve)	Feeding of Antarctic Krill	668	1	C,R				1																		
GLAZEBROOK, Dr. John	The role of viruses in the Southern Ocean ecosystem	670	4	C,R				1			1	1	1													
PRICE, Dr. Richard (Dick)	Geochemical and Geochronological Investigations of Mid-Proterozoic High Grade Gneisses and Late Proterozoic Dyke Rocks of the Windmill Islands and Mitchell Peninsula, Casey Area	671	2					1	1																	
SIMPSON, Prof. Rodney (Rod)	An Investigation of the Effects of the Nella Dan Oil Spill on the Macroinvertebrate Fauna of 'Durvillea antarctica' Holdfasts from Macquarie Island	672	1	R				1																		
LOVELOCK, Dr. Catherine (Cath)	Effects of Global Climatic Change on Antarctic Moss	673	1					1																		
FRENCH, Dr. William (John)	Long-term monitoring of the mesopause region via hydroxyl emissions at Davis	674	20					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
QUILTY, Prof. Patrick (Pat)	Geological Sampling (Neogene, Precambrian) in the Casey Area	675	1					1																		
LAURSEN, Dr. Gary	Fungal biodiversity and ecology of Subantarctic Macquarie Island	678	4	R		1			1	1	1															
MURRAY, Dr. Mitchell (Durno)	The Retrieval and Reanalysis of the Data from the 14-Year Study of the Royal Penguin on Macquarie Island by Robert Carrick	679	3					1	1	1																
STUEWE, Dr. Kurt	Sequence and Significance of Metamorphic and Structural Events in the East Antarctic Shield	680	2					1	1																	
COPSON, Mr. Geoffrey (Geof)	General Reserve Management at Subantarctic Macquarie Island Nature Reserve	682	1	R				1																		
KALISH, Dr. John	Retrospective Determination of Ocean Radiocarbon and Application to Studies of Carbon Flux, Ocean Circulation and Fish Ageing	684	2	R				1	1																	
CLAYTON, Dr. Margaret	Biology of Antarctic marine macroalgae	685	1	R				1																		
BRUCE, Mr. David	Investigation of ERS-1 Radar Altimetry and Interferometric SAR to Measure Icesheet Topography	686	1					1																		
WILLIAMS, Dr. Raymond (Ray)	Analysis of Remotely Sensed Sea Ice Images Using an Expert System	687	2					1	1																	
RITZ, Prof. David	Feeding Ecology of Marine Copepods in the Nearshore Prydz Bay Area, Antarctica	691	2	R				1	1																	
SIMMONDS, Prof. Ian	The Role of Katabatic Outflow in Maintaining the Upper Level Antarctic Winter Vortex	692	2					1	1																	
PHILLPOT, Mr. Henry	Features of Antarctic Synoptic Meteorology	694	1					1																		
NAITO, Prof. Yasuhiko (Yasu)	Foraging and Diving Performance of Blue Eyed Shags at Macquarie Island	695	1	R				1																		
POWELL, A/Prof. Roger	Metamorphic and Structural Evolution of the Windmill Islands, Casey	696	2					1	1																	
SIMMONDS, Prof. Ian	The Extent of Antarctic Involvement in 'Cold Outbreaks' Over Southern Australia	697	3					1	1	1																
GOLDSWORTHY, A/Prof. Simon	Foraging Range of Fur Seals 'Arctocephalus spp' at Macquarie Island	700	1	R				1																		
KLEKOCIUK, Dr. Andrew	Lidar studies of atmospheric dynamics, composition and climatology	701	20					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
LAMBERT, Prof. David	VLF Surface Impedance Measurements for Ice Depth, Temperature and Sea Ice Profiling	704	3					1	1	1																
MCMINN, Prof. Andrew	Sedimentary Processes in the Fjord-like Embayments of the Vestfold and Larsemann Hills	705	1					1																		
MCMINN, Prof. Andrew	Distribution and Viability of Zooplankton Eggs from Anoxic Sediments from the Vestfold Hills, Antarctica	706	1	R				1																		
MCMINN, Prof. Andrew	Biological Fractionation of Phytoplankton During Antarctic Sea Ice Formation	707	3	R				1	1	1																
MCMEEKIN, Prof. Thomas (Tom)	Psychrophilic Bacteria from Antarctic Sea-ice	708	3	R				1	1	1																
HINDELL, Prof. Mark	Foraging Ecology of Gentoo Penguins	709	1	R				1																		
MCMEEKIN, Prof. Thomas (Tom)	Microbial diversity of Antarctica: the sulphate reducing bacteria	711	3	R					1	1	1															
MCMINN, Prof. Andrew	The Use of Lipid Biomarkers in Euphausia superba as a Parameter for Determining Energy Flow in the Antarctic Marine Food Web	712	2	R				1	1																	
DOBSON, Ms. Susan (Sue)	The Determination of the Bacterial Community Structures in Organic Lake by Use of Nucleic Acid Techniques	713	1					1																		
DOBSON, Ms. Susan (Sue)	Determination of the Significance of the 'Flavobacterium-Cytophag' Group in the Southern Ocean Using rRNA (Phylogenetic) Probes	714	1					1																		
JONES, A/Prof. Graham	Sulphur Gas Production in the Southern Ocean	715	3					1	1	1																
HARLEY, Prof. Simon	Archaean Crustal Accretion Histories and Their Significance for Geological Correlations Between the Vestfold Block and Rauer Group	716	2					1	1																	
O'BRIEN, Dr. Philip (Phil)	Holocene Marine Sedimentation Along the Ingrid Christensen Coast	717	1					1																		
MICHAEL, Dr. Kelvin	The Role of Katabatic Winds in Polynya Formation with Emphasis on the Vanderford Glacier	718	2					1	1																	
WEATHERS, Dr. Wesley (Wes)	Foraging Ecology and Reproductive Energetic of Antarctic Petrels	720	3					1	1	1																
PATTERSON, Prof. David	Biodiversity in Microbial Food Webs of Antarctic Lakes and Oceans	723	1	R					1																	
THOMAS, Dr. Lindsay	Gravity and Elevation Data Acquisition in the Casey Region	724	1					1																		
BURTON, Mr. Harry	The role of the marginal ice zone in the consumption of marine resources by Antarctic seabirds in the Southern Indian Ocean	725	1	R				1																		
PISANO, Dr. Eva	Comparative Cutomorphology of Fish Population from Heard Island Plateau	728	1					1																		
JACKA, Mr. Kieran	Antarctic CRC Antarctic automatic weather stations	730	6					1	1	1	1	1	1													
BINDOFF, Prof. Nathaniel (Nathan)	Princess Elizabeth Trough Hydrographic Section	731	1					1																		
BUDD, Prof. William (Bill)	Antarctic CRC Drifting Buoy Program	732	3					1	1	1																
LAYBOURN-PARRY, Prof. Johanna (Jo)	The Role of Dinoflagellates in Antarctic Aquatic Systems	734	1						1																	
PHILLPOT, Mr. Henry	The Antarctic First Regional Observing Study of the Troposphere (FROST)	736	2						1	1																
ALLISON, Dr. Ian	The drift of Antarctic sea ice	737	19						1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1
JACKA, Dr. Tim (Jo)	Drilling for Silty Ice on Law Dome	738	2						1	1																
YOUNG, Mr. Neal	B9 Iceberg Dissolution Rates	739	3										1				1	1								
ALLISON, Dr. Ian	Sea ice thickness distribution in the Indian Ocean sector of the Southern Ocean	741	11						1	1	1	1	1	1	1	1	1									
VAN OMMEN, Dr. Tasman (Tas)	Ice core paleoclimatology	742	16						1	1	1	1	1	1	1	1	1	1	1	1	1	1				
LU, Dr. Chung	Guide to the Identification of Selected Benthic Invertebrates and Cephalopods of Prydz Bay, Antarctica	743	1	R					1																	
O'BRIEN, Dr. Philip (Phil)	Seismic Stratigraphy, Sedimentology and Palaeoenvironments - Prydz Bay and Kerguelen Plateau	744	1	C					1																	
PENROSE, A/Prof. John	Antarctic Sea Ice classification using upward looking Sonar	745	2						1	1																
HODDA, Dr. Michael (Mike)	interactions and effects of site disturbance	747	1								1															
BUTLER, Dr. Edward	Redox elements as indicators of biological processes in the Southern Ocean	748	4						1	1	1	1														
GODFREY, Dr. Ian	Application of Natural Freeze-drying Technology to the Conservation of Historic Antarctic Buildings: A Preliminary Assessment	750	1						1																	
GALES, Dr. Rosemary	Status and conservation of albatrosses on Macquarie Island	751	12	R					1	1	1	1	1	1	1	1	1	1								
ROBERTSON, Dr. Graham	Albatross Studies in Relation to the Longline Fisheries Bycatch Problem	752	1	R					1																	
RICHARDSON, Prof. Barry	Ecological Genetics of the Wild Rabbit on Macquarie Island	754	1						1																	
MCKELVEY, Dr. Barrie	Cenozoic History of the East Antarctic Icesheet - Studies of the Pagodroma Tillite and Related Strate, Prince Charles Mountains	755	2						1	1																
SIMPSON, Prof. Rodney (Rod)	Further Investigations of the effects of the Nella Dan oil spill at Macquarie Island: Have benthic communities recovered?	756	2						1	1																
HITCHMAN, Dr. Adrian	Geoscience Australia geomagnetic and seismological observatories [observational]	757	18						1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
FRASER, Prof. Brian	A Southern Hemisphere imaging riometer experiment (SHIRE)	760	20						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TRULL, Dr. Thomas (Tom)	Organic Carbon Concentrations and Isotopic Compositions in the Southern Ocean	761	1						1																	
RITZ, Prof. David	Identification of the Pelagic Calanoid Copepods of the Southern Ocean South of the Convergence	763	1							1																
MCMINN, Prof. Andrew	Sea Ice Algae of the Saline Lakes of the Vestfold Hills	764	1	R					1																	
MCMINN, Prof. Andrew	Effects of Enhanced UV-B on Sea Ice Algae	765	1						1																	
HAY, Dr. Peter	The Establishment of Antarctic Specially Protected Areas and Antarctic Specially Managed Areas, Focussing on Single Jurisdictions and Multiple Jurisdictions	766	1	R					1																	
BROWN, Dr. Roderick (Rod)	Quantifying the Long-term Topographic History of the Prince Charles Mountains	768	2	C					1	1																
HINDELL, Prof. Mark	Food Consumption and Foraging Success of Free-ranging Southern Elephant Seals	769	1	R					1																	
ESSEX, Dr. Elizabeth	Dynamics of the ionosphere over Antarctica: patches and holes in the total electron content	771	5						1	1	1	1	1													
STEWART, Prof. George	Nitrogen acquisition, assimilation and allocation in plants in Subantarctic and Antarctic ecosystems	773	1						1																	
SOUTHWELL, Dr. Colin	Antarctic pack-ice seals	775	6	R					1	1	1	1	1	1												
PICKARD, Dr. John	Vegetation History and Environmental Change on Macquarie Island Studied by Analysing Present Vegetation and the Underlying Peat on Slopes Subject to Peat Slides	777	2						1	1																
CRITTENDEN, Dr. Peter	Nutrient Relations of Fellfield Lichen Communities	778	1						1																	
MCMINN, Prof. Andrew	Response of Diatoms to Changing Ecological Parameters in the Vestfold Hills: Implications for Climate Change	782	1						1																	
RAO, Dr. Prasada	Carbonate Minerals and Oxygen and Carbon Isotopes in Modern Polar Bryozoans and Brachiopods, Antarctica	783	1						1																	
MCMINN, Prof. Andrew	Palaeoclimate Analysis of Sediment Cores from the Fjords and Lakes of the Vestfold Hills	784	1							1																
LULY, Dr. Jonathan (Jon)	Geographical Variation in Weathering Phenomena in the Vestfold Hills	787	1						1																	
HINDELL, Prof. Mark	Prey Consumption by Seabirds in the Southern Indian Ocean	788	1	R					1																	
GREENSLADE, Dr. Penelope	Illustrations for ANARE Research Report on Ptergote Insects and Spiders of Macquarie Island	789	1						1																	
HUTCHINSON, Mr. Hugh	Meteorology Observations	805	6						1	1	1	1				1										
INGARFIELD, Mr. Dale	Meteorology Technical/Installations	806	2						1		1															
HUTCHINSON, Mr. Hugh	Meteorology Forecasting	807	3						1		1	1														
EASSON, Mr. James (Jim)	Meteorology Ozone	808	2								1	1														
INGARFIELD, Mr. Dale	Meteorology Engineering Services	809	3						1							1										
HUTCHINSON, Mr. Hugh	Meteorology Facilities Inspections	810	3						1	1	1															
BROWN, Dr. Anthony (Tony)	Gondwana Linkages - Geological Mapping of Macquarie Island	825	1						1																	
SEDWICK, Dr. Peter	Trace metals in recent Antarctic snow	827	4						1	1	1	1														
GRAS, Dr. John	ACE-1 - Southern Hemisphere marine aerosol characterisation experiment	829	1							1																
FABEL, Dr. Frederik (Derek)	Rates of Quaternary Ice Movement Across the Vestfold Hills from Exposure Age Dating.	831	1						1																	
MCMINN, Prof. Andrew	Preliminary investigation of growth and photosynthesis of sea ice algae during winter	832	1	C						1																
NICOL, Dr. Stephen (Steve)	Pilot Studies in the Sea Ice Zone	833	1	C						1																
BINDOFF, Prof. Nathaniel (Nathan)	Water Mass formation near the Antarctic continental slope (FORMEX)	834	1	C						1																
OHYAMA, Prof. Yoshikuni	Biodiversity, Ecology and Impact of Anthropogenic Pollutants on Antarctic Invertebrates (Non-Marine)	835	1	R						1																
ASHFORD, Dr. Anne	Molecular Characterization of the biodiversity and Ecological Functioning of Mycorrhizal Endophytes of Antarctic Hepatics	838	1							1																
URQUHART, Ms. Judith	Macquarie Island Track Assessment and Monitoring Methodology	841	1							1																
SANDIFORD, Dr. Michael	The evolution of the stress field in the Antarctic Plate, the last 100 Ma	843	1							1																
CAVICCHIOLI, Prof. Ricardo (Rick)	Cold temperature adaptation of the novel Antarctic microorganism, 'Methanococcoides burtonii'	848	1							1																
JOUVENTIN, Dr. Pierre	Breeding biology and size variation in the snow petrel	851	1	R						1																
LILLEY, Dr. Frederick (Ted)	Southern Ocean Magnetometer Experiment (SOME)	852	2							1	1															
MCMINN, Prof. Andrew	PHOTOSYNTHETIC RATES OF ANTARCTIC SEA-ICE ALGAE	854	1							1																
MIDDLETON, Prof. Jason	Assessment of Deep Water Formation Processes off the George V Coast	856	1							1																
HINDELL, Prof. Mark	Food consumption and energy expenditure of free ranging southern elephant seals	857	3							1	1	1														
GOLDSWORTHY, A/Prof. Simon	Foraging ecology and lactation strategies of sympatrically breeding fur seals (Arctocephalus spp.) at Macquarie Island	858	3							1	1															
MORRIS, Dr. Raymond (Ray)	Ionospheric dynamics in the polar cusp [Observational]	859	19							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GOLDSWORTHY, A/Prof. Simon	The conservation of fur seals in the antarctic marine ecosystem	859	19	R						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
NICOL, Dr. Stephen (Steve)	A hydroacoustic survey of Antarctic Krill populations in CCAMLR Division 58.4.1. and associated studies.	860	2	C,R						1	1															
BINDOFF, Prof. Nathaniel (Nathan)	The Antarctic MARGIN Experiment (MARGINEX)	861	1	C,R						1																
BURTON, Mr. Harry	Post weaning dispersal and survival in the southern elephant seal	862	2	R						1	1															
CROSSLEY, Dr. Anthony (Clive)	Pelagic Fishes of the Eastern Antarctic Ocean	865	1	C,R						1																
BOWMAN, Dr. John	Direct Molecular Analysis of Antarctica and Southern Ocean Microbial Communities	867	1	C,R						1																
BOWMAN, Dr. John	Degradation of petroleum hydrocarbons in Antarctic environments	868	1	C,R						1																
BOWMAN, Dr. John	Methanotrophs in Antarctica	869	1	C,R																						
LINE, Dr. Martin	Assessment of the potential for microbial contamination of antarctic terrestrial habitats resulting from human activities	870	1	R						1																
MCMEEKIN, Prof. Thomas (Tom)	The effects of UV-B radiation on the nutritional composition of Antarctic phytoplankton	872	1	C						1																
SWAIN, Dr. Roy	Population structure, ecological impacts and management of feral rats on Macquarie Island	873	3							1	1	1														

SIMMONDS, Prof. Ian	High southern latitude cyclone behaviour during the FROST SOPs and its longer term variability	874	3		1	1	1														
RITZ, Prof. David	Sea Ice Biota of Coastal Eastern Antarctica	875	1		1																
BURNS, Dr. Gary	Atmospheric Electric Circuit Weather and Climate Research	877	19		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PAULY, Dr. Timothy (Tim)	The distribution and composition of the acoustic scattering layers of the Southern Ocean, and their potential use for global climate monitoring	878	3		1	1	1														
RIDDLE, Dr. Martin	Comparison of French and Australian Management Practices for Specially Protected Areas	879	1	R	1																
ROBERTSON, Dr. Graham	Foraging ranges of emperor penguin fledglings	880	1	R	1																
RIDDLE, Dr. Martin	Information Management System for Natural and Anthropogenic Values of the Antarctic and Threats to these Values.	881	1	R	1																
RIDDLE, Dr. Martin	Origins, Levels, Pathways and effects of Pollution in the Antarctic Environment.	882	1	R	1																
QUILTY, Prof. Patrick (Pat)	Palaeontology and Palaeoenvironment of the Marine Plain area (Vestfold Hills) in the Pliocene	884	1	R	1																
ALLISON, Dr. Ian	Amery Ice Shelf Levelling survey for Radar altimeter Validation and Detection of Elevation change	885	1		1																
COLEMAN, Prof. Richard	Monitoring surface elevation change and ice sheet movement in Antarctica using high-precision GPS techniques	887	3		1	1	1														
MORGAN, Mr. Vincent (Vin)	Borehole re-logging and strain grid re-measurement at Dome Summit South (DSS) on Law Dome	888	1		1																
CONSTABLE, Dr. Andrew	Biodiversity and biogeography of benthic and benthopelagic invertebrates on the continental shelf in eastern Antarctica	891	2		1	1															
PLAYFORD, Ms. Julia	Genetic diversity studies of selected Subantarctic terrestrial plant species	894	2		1	1															
BURGESS, Dr. James (Jim)	The Larsemann Hills-an Antarctic Microcosm	895	1		1																
BURGESS, Dr. James (Jim)	Glaciation History of the Larsemann Hills	896	1		1																
HINDELL, Prof. Mark	Foraging and reproductive strategis of the Weddell Seal in the Vestfold hills,Eastern Antarctica	897	1		1																
MATSUMOTO, Dr. George	Impact of viscosity on tropic, behavioural and morphological adaptations of Antarctic plankton	898	1		1																
HALL, Prof. Colin	The development of tourism management regimes on polar regions	900	1		1																
VARNE, Prof. Richard (Rick)	Structure and geochemistry of Macquarie Island oceanic crust	903	1		1																
SELKIRK, Dr. Patricia	PLEISTOCENE SEDIMENTARY DEPOSITS ON SUBANTARCTIC MACQUARIE ISLAND:CONTRIBUTION	904	1		1																
WILLIAMS, Dr. Raymond (Ray)	Use of a spatial expert system shell to develop automated techniques for the detection and cla	907	2		1	1															
WILLIAMS, Dr. Raymond (Ray)	Identification and classification of icebergs from satellite images using spatial analysis techniqu	908	2		1	1															
MICHAEL, Dr. Kelvin	Large scale survey of polynyas in the East Antarctic Sector (SUPERCEDED BY PROJECT #2209 FRO	909	1			1															
BOLTER, Dr. Manfred	microbial colonization of antarctic soils	910	1		1																
LAYBOURN-PARRY, Prof. Johanna (Jo)	Molecular approach to the Taxonomy and Biogeography of Ciliate Populations in Antarctic Coastal Waters and Lakes of the Vestfold Hills	912	1	R	1																
THIELE, Dr. Deborah (Debbie)	Cetacean Sightings Survey	915	1	R	1																
LAYBOURN-PARRY, Prof. Johanna (Jo)	Functional dynamics of the microbial loop in saline lakes of the Vestfold Hills	919	1		1																
HARRIS, Dr. Peter	Current Meter Moorings	925	3		1			1	1												
COLHOUN, Prof. Eric	Extension of the Antarctic ice sheet between 98oE and 111oE (Obruchev Hills, Bunger Hills & Windmill Islands) at the Last Glacial Maximum.	926	1	C	1																
SYMONDS, Mr. Philip	Bathymetric Profiling of the Antarctic Continental Margin	933	1		1																
HARRIS, Dr. Peter	Shelf and slope sedimentary signatures of Late Cenozoic icesheet variability on the East Antarctic continental margin	937	1			1															
MURRAY, Dr. Neil	Genetic differentiation between and relationships within Adelie penguin colonies	940	4	R		1	1	1	1												
ROBINSON, Prof. Sharon	Impact of changes in UV and visible radiation on the reflective properties of plant photosynthetic surfaces	941	3			1	1	1													
GASPARON, Dr. Massimo	Anthropogenic lead and trace metal contamination in the Larsemann Hills and Vestfold Hills	945	1			1															
TRULL, Dr. Thomas (Tom)	Sub-Antarctic zone mooring study of interannual variability in particulate carbon export	949	18			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GODFREY, Dr. Ian	Research in natural freeze-drying technology for the preservation of historic Antarctic buildings	951	7		1		1	1	1	1		1									
TINDALE, Dr. Neil	Recovery of aerosol sampling tower from Macquarie Island	952	1			1															
SHELLAM, Prof. Geoffrey (Geoff)	Investigations of bacterial, viral and parasitic infections in Antarctic penguins, and the development of a standardised monitoring scheme	953	8			1	1	1	1	1	1										
LAMBERT, Prof. David	Data analysis and forward modelling of VLF surface impedance data from the Amery Ice Shelf	955	1			1															
SELKIRK, Dr. Patricia	Macquarie Island GIS: major vegetation and landform types	956	1			1															
COLHOUN, Prof. Eric	Selected geomorphologic and stratigraphic investigations, Vestfold Hills	959	1			1															
RICHARDSON, Dr. Alastair	Effect of two introduced invertebrates on litter decomposition rates on Macquarie Island	962	1			1															
RITZ, Prof. David	Initial pilot study: the feasibility of shipboard experimentation in the study of copepod feeding and faecal production	963	1			1															
KAROLY, Prof. David	Variations of stratospheric ozone at Macquarie Island	965	4			1	1	1	1												
Unknown	Lead isotopes in snow and ice as an indicator of past changes to the Antarctic environment	966	2			1	1														
VAN FRANEKER, Dr. Jan	Individual quality in Antarctic fulmarine petrels: factors governing reproductive success	969	1	R		1															
COLLERSON, Prof. Kenneth (Ken)	An integrated field, geochemical, isotopic and geochronological study of Gaussberg: Constraints on timing, character and petrogenesis of holocene lamproitic volcanics in the eastern Antarctica Shield and the nature of the underlying lithosp	973	1			1															
JOHNSTON, Mr. Gary	Antarctic Geodesy Program [observational]	974	17				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
WILSON, Prof. Christopher (Chris)	Uplift mechanisms and late brittle history of the Vestfold Hills	975	1			1															
SMOLSKAIA, Dr. Irina	Measurement and modelling of UV-B radiation above and below pack ice in the East Antarctic	977	1			1															
HINDELL, Prof. Mark	Distribution and abundance, and consumption of marine resources, by Antarctic seabirds in the pack-ice zone of the Southern Indian Ocean during Spring	979	1	R		1															
REASON, Dr. Christopher (Chris)	Water mass formation and the Antarctic Circumpolar Current in global models	983	3			1	1	1													
LONGSTAFF, Prof. Dennis	Macquarie Island GIS - generation of a digital elevation model with spaceborne synthetic aperture radar imaging systems	986	1			1															
SIMMONDS, Prof. Ian	An assessment of some uncertainties in using ice core S180 data to deduce past temperatures	987	3			1	1	1													
MCMINN, Prof. Andrew	Contribution of dinoflagellates to Antarctic coastal zone carbon flux	988	3			1	1	1													
MCMINN, Prof. Andrew	Environmental effects on the growth and productivity of sea ice algae	989	6			1	1	1	1	1											
LINE, Dr. Martin	Delineation of simple microecosystems associated with the quartz stone habitat in the Vestfold Hills	992	1			1															
SIMPSON, Prof. Rodney (Rod)	Assessment of the impact of human sewage effluent on benthic communities at Macquarie Island	996	1			1															
GOODWIN, A/Prof. Ian	Late Quaternary glacial history of the Vanderford Glacier and inner Vincennes Bay, Wilkes Land	997	2			1		1													
CROSSLEY, Dr. Anthony (Clive)	Insect migration and monitoring studies on Macquarie Island	999	4			1	1	1	1												
HINDELL, Prof. Mark	Foraging of royal penguins and its relationship to the Antarctic Polar Frontal Zone	1001	4			1	1	1	1												
WATSON, Prof. Ken	Biodiversity and low temperature biology of Antarctic yeasts	1002	1	R		1															
SIMPSON, Prof. Rodney (Rod)	Further investigations of the effects of the Nella Dan oil spill on intertidal benthic communities at Macquarie Island: continued recovery of kelp holdfast communities	1003	1			1															
ETHERIDGE, Dr. David	Air sampling and analysis from Antarctic firn and ice	1004	4				1					1	1	1							
DUQUESNE, Dr. Sabine	Metal and organic contaminants in marine invertebrates from Antarctica, field study of their concentrations, laboratory study of their toxicities	1005	4			1	1	1	1												
GREILACH, Mr. Peter	Oil spill trajectory modelling in Antarctic and Subantarctic waters	1006	1			1															
REIJNDERS, Dr. Peter	Impact of disturbance on breeding behaviour and physiology of southern elephant seals ('Mirounga leonina')	1007	2			1		1													
RIDDLE, Dr. Martin	Classification of Antarctic nearshore sea-bed using acoustic techniques	1008	1	R		1															
RIDDLE, Dr. Martin	Integrated field surveys	1010	1	R		1															
BOWMAN, Dr. John	Biodiversity and ecophysiology of Antarctic sea-ice bacteria	1012	2			1	1														
FORD, Dr. Miriam	Molecular approach to the study of taxonomy and seasonal succession in planktonic communities of Eastern Antarctica	1014	1			1															
CRAVEN, Mr. Trevor (Mike)	Ice shelf - ocean interaction in the cavity beneath the Amery Ice Shelf	1015	15		1	1	1	1	1	1	1	1	1	1	1	1	1				
BERGSTROM, Dr. Dana	Subantarctic Region	1015	15	R	1	1	1	1	1	1	1	1	1	1	1	1	1				
YOUNG, Mr. Neal	Glacier dynamics and mass discharge from the Antarctic ice sheet, 45-160E [SUPERCEDED BY #2224 FROM 1997-98]	1018	1			1															
SCHMIDT, Dr. Susanne	Nitrogen studies in sub-Antarctic terrestrial environments [TO BE INCORPORATED IN #1015 BERGSTROM IN 2001-02]	1022	6			1	1	1	1	1											
LINE, Dr. Martin	Development of a pilot in-vessel composting unit with application to Antarctic bases	1025	1			1															
SKOTNICKI, Dr. Mary	Molecular taxonomy of Antarctic flora	1041	1	R				1													
COOPER, Dr. Paul	Introduced Collembola from Subantarctic islands	1043	4	R				1	1	1											
HARRIS, Dr. Peter	Wilkes Land Glacial History (WEGA)	1044	2					1	1												
LAYBOURN-PARRY, Prof. Johanna (Jo)	An inter-disciplinary investigation of biological, physical and geochemical lake processes	1049	2					1	1												
GOHL, Dr. Karsten	Seismic correlation of glacial-marine deposition cycles along Antarctic continental margins	1051	2					1	1												
CONSTABLE, Dr. Andrew	Predator-Prey-Fisheries Interactions at Macquarie Island	1055	1	R				1													
BINDOFF, Prof. Nathaniel (Nathan)	Ocean - Ice Shelf Interaction: Prydz Bay	1058	4	C						1	1										
LYTLE, Dr. Victoria (Vicky)	Brine flow through sea ice	1060	1					1													
HOVENDEN, Dr. Mark	Climate Change and productivity in Antarctic lichens	1063	4					1	1	1											
MCMINN, Prof. Andrew	Neogene Biostratigraphy of the Pagadroma Group	1065	1					1													
GORE, A/Prof. Damian	Palaeoenvironments of the Antarctic coast, from 50E to 120E	1071	6					1		1	1										
KAMENETSKY, Dr. Vadim (Dima)	Primary sulfur abundances and the oxidation state of sulfur in the Macquarie Island glasses and melt inclusions: implications for the sulfur budget during seafloor alteration	1073	1					1													
NICOL, Dr. Stephen (Steve)	Seasonal growth in krill	1074	2	C,R				1	1												
ANDERSON, Mr. Ross	The flow of basal ice	1075	2					1	1												
SIMMONDS, Prof. Ian	An investigation into Southern Hemisphere cyclone-sea ice links using long records of NCEP analyses and passive microwave data	1080	4					1	1	1											
COLHOUN, Prof. Eric	Glacial and coastal history of Wilkes-George V Land coast and ice margin for ANTIME program	1081	1					1													
CHIBA, Ms. Sanae	Growth and the optimal feeding conditions of Salpa thompsoni	1082	1					1													
BEYER, Dr. Lothar	Relationship between soil and plant geography on Clark Peninsula	1083	1					1													
ROBINSON, Prof. Sharon	The influence of water and nutrient availability on bryophyte communities in continental Antarctica	1087	2					1	1												
GORE, A/Prof. Damian	Analyses of contaminated sediments and waters at Casey and Wilkes	1089	1					1													
HINDELL, Prof. Mark	Energy requirements and daily food consumption of crabeater seals in the Antarctic winter pack-ice	1090	2					1	1												
Unknown	An environmental record of lead isotopes over four centuries at Law Dome, Antarctica	1092	4					1	1	1											
MORRIS, Dr. Carl (Ric)	Dispersion and transport of contaminants under a floating ice cover	1094	1					1													
GASPARON, Dr. Massimo	Distribution of trace metals in the Larsemann Hills lake systems	1095	1					1													
DUVAL, Mr. Brian	The phytophenolic complement and phytopharmaceutical potential of snow algae of the Windmill Islands region	1099	2								1										
RIDDLE, Dr. Martin	Contaminants in the Antarctic environment (Umbrella program - not required from 2001-02)	1100	4					1	1	1											
HOSIE, Dr. Graham	Biology of the Mertz Glacier Polynya	1101	2					1	1												
FANNING, Dr. Christopher (Mark)	Tectonic evolution of the Archaean to Proterozoic of George V Land - correlations with the Gawler Craton, South Aust. and evaluation of the Mawson Continent in supercontinent configurations	1102	1					1													
DUQUESNE, Dr. Sabine	Combined effects of UV-B irradiation and contaminants related to human activities in Antarctica. A case study with Paramoera walkeri (Crustacea: Amphipoda)	1103	2					1	1												
SELKIRK, Dr. Patricia	Measurement of moss growth rates in Antarctica	1104	7					1			1	1	1	1	1						
GRIFFITHS, Dr. Francis (Brian)	Primary production, bacterial production, phytoplankton growth and microzooplankton grazing rates along the WOCE SR3 line and in the seasonal ice zone	1105	2								1										
COLEMAN, Prof. Richard	Strain fields on the Amery Ice Shelf using GPS	1106	2					1	1												
LAWRENCE, Dr. Susan	Archaeology of historic Subantarctic sealing	1107	2							1											
MORGAN, Mr. Vincent (Vin)	Shallow coring on the ice sheet east of Davis	1109	1					1													
MOSHER, Dr. Sharon	Structural evolution of Macquarie Island :Interpretation of marine geophysical data and structural mapping	1110	3						1		1										
TREGONING, Dr. Paul	Crustal rebound in the Lambert Glacier area	1112	6	T					1	1	1	1									
NICOL, Dr. Stephen (Steve)	Winter Zooplankton pilot study - Mawson area	1117	2	C							1										
KIERNAN, Dr. Kevin	Geomorphological evolution of Heard Island	1118	6	C						1	1	1	1								
O'BRIEN, Dr. Philip (Phil)	Australian Antarctic Southern Ocean Profiling Project	1119	4							1	1										
COLEMAN, Prof. Richard	Amery Ice Shelf Dynamics from GPS	1120	4							1	1										
Unknown	Mapping the GPS total electron content and scintillation activity at southern higher latitudes during high sunspot numbers	1121	6						1	1	1	1									
QUILTY, Prof. Patrick (Pat)	Early Cenozoic vegetation of East Antarctica	1122	2							1											
SIMMONDS, Prof. Ian	Recent changes in the semiannual oscillation in the sub-Antarctic and their connections with cyclone variability	1124	5						1	1	1										
WILLIAMS, Dr. Raymond (Ray)	Monitoring temporal change in ice margins using computer-based edge tracing techniques	1125	1						1												
LAYBOURN-PARRY, Prof. Johanna (Jo)	Cold adaptation in planktonic and sea-ice bacteria	1126	1						1												
WILSON, Prof. Christopher (Chris)	Proterozoic and Palaeozoic evolution of the Rauer Group	1129	5						1	1	1										
MCMINN, Prof. Andrew	Ecology and local impacts on near shore marine benthic algal mats	1130	5	R					1	1	1										
LAYBOURN-PARRY, Prof. Johanna (Jo)	Biological evolution of Antarctic lakes	1131	1						1												
TERHUNE, Dr. John (Jack)	Regional dialects and herd formation aspects of Weddell seal (*Leptonychotes weddellii*) underwater vocalisations	1132	3						1		1										
BEARDALL, Dr. John	The consequences of elevated atmospheric carbon dioxide concentrations on inorganic carbon acquisition and photosynthetic performance of Antarctic macroalgae	1133	1						1												
QUILTY, Prof. Patrick (Pat)	Evolution of East Antarctic marine environment during the Neogene	1134	5						1	1	1										
ROGERS, Dr. Tracey	Acoustic survey for Antarctic pack ice seals (INCORPORATED IN PROJECT #1144 FROM 2000-01)	1140	1	R					1												
MCMINN, Prof. Andrew	Temporal variability of trace metal input and diatom response in the marine environment	1141	1						1												
KAMENETSKY, Dr. Vadim (Dima)	The distribution of volatile and metallic elements in the Macquarie Island glasses and melt inclusions: Implications for fractional crystallisation and degassing during seafloor basaltic magmatism	1142	2								1										
ROGERS, Dr. Tracey	Leopard Seal Program	1144	5	R					1	1	1										
ROGERS, Dr. Tracey	Health status of leopard seals in Prydz Bay (INCOPORATED IN PROJECT #1144 FROM 2000-01)	1145	1	R					1												
KENNEDY, Dr. Andrew	Impact of global environmental change on the terrestrial biogeography of Antarctica	1146	2							1											
GASPARON, Dr. Massimo	Application of trace-element and Pb-isotope signatures to define contaminant sources and dispersal pathways at Casey and Wilkes	1147	3						1	1											
GIESE, Dr. Melissa	Measuring the effects of human activity on Antarctic wildlife	1148	5	R						1	1	1									
CLARKE, Dr. Geoffrey (Geoff)	The strength of the lower continental crust; evidence from Stillwell Hills-Oygarden Group coastline	1150	7						1	1	1	1		1							
WALKDEN-BROWN, Dr. Steven (Steve)	Health status of the Weddell seal (Leptonychotes weddelli)	1151	3						1	1											
LAYBOURN-PARRY, Prof. Johanna (Jo)	The Molecular and Physiological Mechanisms of Microbial Survival in Antarctic Lakes	1152	4							1	1										
QUILTY, Prof. Patrick (Pat)	Drygalski Agglomerate, Heard Island: age and environment of formation	1154	1						1												
FITZSIMONS, Dr. Ian	Keystone or collage? U-Pb and Ar-Ar geochronology of metasediments from the southern Prince Charles Mountains and the amalgamation history of the East Antarctic Shield	1155	1	C					1												
CONSTABLE, Dr. Andrew	Ecological resource modelling	1156	12						1	1	1	1	1	1	1	1	1	1			
GASPARON, Dr. Massimo	Geochemistry of basement rocks and lake sediments of the Larsemann Hills	1157	1																		
ALLISON, Dr. Ian	Heard Island glacier fluctuations and climatic change	1158	5	C						1	1	1									
BURTON, Prof. Michael	The automated astrophysical site testing observatory	1159	15						1	1	1	1	1	1	1	1	1	1	1	1	1
GOODWIN, A/Prof. Ian	East Antarctic and Circum-Antarctic climate history in Queen Mary Land : An Australian contrib	1163	15						1	1	1	1	1	1	1	1	1	1	1	1	1
SNAPE, Dr. Ian	Remediation of petroleum contaminants in the Antarctic and subantarctic	1163	15						1	1	1	1	1	1	1	1	1	1	1	1	1
MAKAREVICH, Dr. Roman	Investigations of Space Weather and the Mesosphere using the TIGER Radar	1164	15						1	1	1	1	1	1	1	1	1	1	1	1	1
BOWMAN, Dr. John	Cold adaptation and functionality of the Antarctic Coastal Benthic Zones	1165	3						1	1											
VOLKMAN, Dr. John	Interaction between Carbon and Sulfur Cycles in Antarctic Stratified Lakes and Fjords	1166	5							1	1	1									
MORGAN, Mr. Vincent (Vin)	Coring and cable recovery on Law Dome	1168	1						1												
BURGESS, Dr. James (Jim)	Sediment and water budgets for selected lakes in the Larsemann Hills, Eastern Antarctica	1170	3						1	1											
MCMINN, Prof. Andrew	Sea ice primary production off eastern Antarctica	1171	9						1	1	1	1	1	1		1					
HINDELL, Prof. Mark	The effect of spatial and temporal variation in marine productivity on energy acquisition in southern elephant seals, *Mirounga leonina*	1171	9						1	1	1	1	1	1		1					
CURRAN, Dr. Mark	The relationship between climatic/environmental signals from high resolution snow pit studies and meteorological conditions	1172	5						1		1		1	1							
SELKIRK, Dr. Patricia	Global change, biodiversity and conservation in terrestrial and coastal ecosystems on Heard an	1174	2	C						1											
MORRIS, Dr. Carl (Ric)	Investigation of the vertical structure and mixing of the water column in the coastal waters off Casey station and its implications on contaminant movement	1176	1						1												
SIMPSON, Prof. Rodney (Rod)	Global change, biodiversity and conservation in terrestrial and coastal ecosystems on Heard an	1179	2	C						1											
DAVIES, Dr. Kendi	Global change, biodiversity and conservation in terrestrial and coastal ecosystems on Heard and McDonald Islands: statistical models for monitoring and predicting effects of climate change and local human impacts on invertebrates	1180	2	C						1											
KIRKPATRICK, Prof. James (Jamie)	Heard Island 2003/04: Terrestrial biology: Documenting vegetation change on Heard Island	1181	2	C						1											
LAWSON, Dr. Malcolm (Mal)	Prevalence of viruses and parasites in populations of house mice on Macquarie Island	1183	3						1	1											
KARSON, Dr. Jeffrey (Jeff)	Internal Structure of Uppermost Oceanic Crust Exposed on Macquarie Island: Implications for Seafloor Spreading Processes	1184	1						1												

Unknown	Lead isotopes in Southern Ocean atmospheric particulates	1186	1										1												
BERGSTROM, Dr. Dana	The potential and actual threats of introduced organisms to sub-Antarctic islands	1187	2	C											1											
CONSTABLE, Dr. Andrew	Impacts of trawling on benthic habitats in the subantarctic and high antarctic	1189	4	C																		1		1	1	1
RIDDLE, Dr. Martin	Disease in Antarctic wildlife (Umbrella Progam - not required from 2001-02)	1190	3											1	1											
CHOWN, Prof. Steven	Physiological tolerances as determinants and predictors of abundance and community structur	1191	2	C											1											
DARTNALL, Dr. Herbert (Herb)	Global change, biodiversity and conservation in terrestrial and coastal ecosystems on Heard an	1193	2	C											1											
SWADLING, Dr. Kerrie	Biodiversity of lacustrine Antarctic crustaceans: local and regional genetic diversity of copepods and cladocerans	1200	2												1											
LAYBOURN-PARRY, Prof. Johanna (Jo)	Biodiversity and colonization mechanisms in Antarctic fungi	1201	2												1											
CLILVERD, Dr. Mark	Magnetospheric substorm research using VLF/ELF radiowave observations at Casey	1203	5														1		1	1	1					
WILSON, Prof. Christopher (Chris)	Structure and dynamics of the Sorsdal Glacier	1205	5												1	1	1									
REASON, Dr. Christopher (Chris)	Low frequency variability in the Southern Ocean	1207	2												1											
CAWOOD, Prof. Peter	Macquarie Island: A window into the oceanic crust and upper mantle	1208	1														1									
HARRIS, Dr. Peter	AMISOR Geoscience - Sedimentation beneath the Amery Ice Shelf	1210	2	C											1											
REID, Dr. James	Improved measurement of Antarctic sea ice thickness using electromagnetic induction techniques	1212	2												1											
KAWAGUCHI, Dr. So	Collection of live antarctic krill	1214	11	R											1	1	1	1	1	1	1	1	1			
WILSON, Prof. Christopher (Chris)	Prince Charles Mountains Expedition of Germany-Australia (PCMEGA)	1215	3													1	1									
ARMAND, Dr. Leanne	Biogenic sediment history from diatom remains in cores along Wilkes Land	1216	2												1											
GOODWIN, A/Prof. Ian	Late Quaternary Glacial History and Palaeoenvironments of Prydz Bay	1217	2												1											
WOEHLER, Dr. Eric	Monitoring for long-term or cumulative impacts in Southern Ocean seabirds	1219	8	R											1	1	1	1	1	1						
MCMINN, Prof. Andrew	Antarctic ice sheet history and stability: baseline palaeoclimate research on the Pagodroma Group, Prince Charles Mountains	1220	2	C											1											
JONES, Ms. Marjorie (Midj)	Airfield Glaciology	1222	4												1	1										
MCMINN, Prof. Andrew	Late Holocene precipitation record from Windmill Island lakes	1223	2												1											
CURRAN, Dr. Mark	Amery shallow ice coring	1224	5												1	1			1							
EASTHER, Mr. Robert (Rob)	PCMEGA Tractor Traverse Operational Briefing	1225	2													1										
GABRIC, Prof. Albert (Al)	Calibration of an existing biogeochemical model of DMS production in the Antarctic Southern Ocean	1227	2												1											
BOWMAN, Dr. John	Bacterial hydrocarbon degradation and impacts of hydrocarbon pollutants on microbial communities within Antarctic coastal sediments	1228	7												1	1	1	1	1							
SMITH, Dr. Stephen (Steve)	Spatial and temporal variation in the recruitment of benthic macroinvertebrates to artificial substrata	1229	5												1	1	1									
SEDWICK, Dr. Peter	Development of an Underway Trace-Metal Clean Seawater Sampling System for Antarctic Waters	1230	2												1											
DAVIS, A/Prof. Andrew (Andy)	Effects of UV radiation on community establishment: a global perspective	1233	5												1	1	1									
MORRIS, Dr. Carl (Ric)	Assessing the phytoremediation potential of Antarctic and sub-Antarctic plants and mosses	1235	2												1											
YOUNG, Mr. Neal	Glacier dynamics and mass discharge from the Antarctic ice sheet, 45°-160° E	1236	5															1			1			1	1	1
MICHAEL, Dr. Kelvin	Further development of ICEMAPPER - a system to automatically classify Antarctic AVHRR images	1240	2												1											
JACKSON, Dr. George	Biology of Southern Ocean squid, ecological importance and potential commercial implications - a preliminary assessment	1242	2												1											
O'REILLY, Prof. Suzanne	Nature and Evolution of the Upper Mantle beneath Heard Island	1243	2	C											1											
KREHER, Dr. Karin	Measurements of stratospheric nitrogen dioxide at Macquarie Island [observational]	1246	11												1	1	1	1	1	1	1	1	1			
NICOL, Dr. Stephen (Steve)	Krill flux, acoustic methodology and penguin foraging - an integrated study	1250	1	C,R													1									
GOLDSWORTHY, A/Prof. Simon	Distribution of foraging effort of Antarctic fur seals in relation to oceanographic features around Heard and Kerguelen Islands	1251	2	C											1											
GIES, Dr. Hans (Peter)	Determination of the ultraviolet radiation environment at the Australian Antarctic Stations (Now Project 3106)	1252	9												1				1	1	1		1	1	1	1
WIENECKE, Dr. Barbara	Foraging ecology of emperor penguins in summer and potential overlap with fisheries	1252	9	C,R											1				1	1	1		1	1	1	1
HINDELL, Prof. Mark	Foraging zones of Macaroni Penguins breeding at Heard Island	1257	2	C,R											1											
WARNER, Dr. Roland	Ice Shelf-Ocean Interactions and Ice Shelf Dynamics	1260	7												1	1	1	1	1							
WARNER, Dr. Roland	Computer modelling of the mass balance and dynamics of the Antarctic Ice Sheet	1261	7												1	1	1	1	1							
COLEMAN, Prof. Richard	GLAS Validation on the Amery Ice Shelf	1263	3													1	1									
CANE, Mr. James (Jim)	The Reproductive Biology of Novel Plants of the Subantarctic	1264	2	C											1											
JOHNSTON, Mr. Gary	Heard Island Geodesy. The establishment of accurate, globally compatible coordinates for all s	1265	3	C											1			1								
YUMOTO, Prof. Kiyohumi	Coordinated magnetic observations at Macquarie Island during the STEP period [observational]	1300	10														1	1	1	1	1	1	1	1	1	1
STEVENS, Prof. Geoffrey (Geoff)	Development and application of technologies for the removal of heavy-metal contaminants from run-off associated with abandoned waste disposal sites	1300	10														1	1	1	1	1	1	1	1	1	1
SEDWICK, Dr. Peter	Iron Distribution and Effects on Phytoplankton Growth in the Seasonal Sea Ice Zone	1301	2													1										
TILBROOK, Dr. Bronte	The carbon cycle in the Australian sector of the Southern Ocean	1302	5													1							1		1	1
WARD, Dr. Simon	The distribution and abundance of nesting sites of flying seabirds in eastern Prydz Bay	1306	2	R												1										
READING, Dr. Anya	The deep structure of East Antarctica from broad-band seismic data	1307	12													1	1	1	1	1	1	1	1	1	1	1
ROBINSON, Prof. Sharon	Assessing UV-B induced DNA damage in Antarctic plants: is desiccation a compounding factor?	1310	5													1	1	1	1							
ROBINSON, Prof. Sharon	Antarctic State of the Environment, Indicator 72: How is the Windmill Islands' terrestrial vegeta	1313	4	R												1	1					1				
DAVIDSON, Dr. Garry	Tectonic, magmatic and hydrothermal evolution of ocean floor spreading at Macquarie Island	1318	3													1	1									
BYE, Dr. John	Modelling the formation and subduction of subantarctic mode water in the South Australian Basin	1320	2													1										
EMSLIE, Dr. Steven (Steve)	Relict penguin colonies in the AAT	1322	1														1									
DEEN, Ms. Tara	Tomographic inversion of seismic data over holocene drift deposits from the George V Continental shelf, East Antarctica	1323	2													1										
MORRIS, Dr. Raymond (Ray)	VHF Radar Studies of the Antarctic Mesosphere, Stratosphere and Troposphere	1324	12													1	1	1	1	1	1	1	1	1	1	1
ROBERTS, Dr. Donna	High Resolution palaeoclimate analysis of the Windmill Islands: the last 200 years	1327	2													1										
SWADLING, Dr. Kerrie	The fate of primary production in Antarctic sea ice: the role of metazoan grazers	1328	3														1	1	1							
SIMMONDS, Prof. Ian	The nature of the Antarctic Circumpolar Wave and its connections with Australian rainfall variability	1329	3													1	1									
GORE, A/Prof. Damian	Glacial history of the Framnes Mountains, East Antarctica.	1332	3													1	1									
SLADE, Dr. Robert (Rob)	Isolation and characterisation of arboviruses in seals and birds	1334	2													1										
RINTOUL, Dr. Stephen (Steve)	Southern Ocean CLIVAR: Repeat transects across the Antarctic Circumpolar Current	1335	2													1										
SHELLAM, Prof. Geoffrey (Geoff)	South polar skuas as vectors of disease	1336	2	R												1										
JACKSON, Dr. George	Squid in the antarctic and subantarctic, their biology and ecology	1340	4													1		1		1						
REID, Dr. James	A comparison of sea-ice thickness measurements made using ship-mounted and airborne electromagnetic induction devices	1342	2													1										
DEHAIRS, Dr. Frank	environments characterised by a different hydrodynamical and ecological functioning	1343	2													1										
BUTLER, Dr. James (Jim)	A study of the impact of oceanic biological processes on the air-sea exchange of methyl bromide and other climatically important halocarbons: a collaborative proposal	1344	2													1										
BOYD, Dr. Philip	Factors controlling phytoplankton stocks within and at the base of the surface mixed layer in sub-polar and polar Australian waters	1350	2													1										
ROZEFELDS, Dr. Andrew	Systematic studies in the sub-Antarctic flowering plants	1352	2													1										
TERHUNE, Dr. John (Jack)	vocalisations	2026	1									1														
WILLIAMS, Dr. Raymond (Ray)	Validation and implementation of a semi-automated sea ice mapping system	2035	1									1														
HAYMET, Prof. Anthony (Tony)	Antifreeze glycopeptides in nototheniid fish from cold antarctic waters off Amery Ice Shelf	2050	3									1			1											
KOSLOW, Dr. Julian (Tony)	The distribution and composition of mesopelagic fish assemblages in the Southern Ocean and their relation to major water masses	2070	4					1			1	1	1													
SEPPELT, Prof. Rod	Biodiversity and conservation of Antarctic and sub-Antarctic terrestrial and aquatic biota	2081	4	R									1	1	1											
JACKA, Dr. Tim (Jo)	Ice thickness, mass balance and dynamics of the ice sheet east of Davis, and of the Lambert Glacier	2085	5	T								1	1	1	1											
MCMINN, Prof. Andrew	Neogene glacial geology of the Prince Charles Mountains	2086	1									1														
RIDDLE, Dr. Martin	Terrestrial Biogeography of the Australian Antarctic Territory	2091	1	R								1														
JONES, A/Prof. Graham	Factors affecting DMS in the seasonal ice zone	2100	12									1	1	1	1	1	1	1	1	1		1				
HODGSON, Prof. Dominic	Palaeolimnological investigations of coastal continental lakes in the Larsemann Hills	2112	1									1														
LAMBERT, Prof. David	Sea ice thickness from VLF surface impedance measurements on the Amery Ice Shelf	2118	2									1	1													
TERHUNE, Dr. John (Jack)	Communication range and passive monitoring of Weddell seal (Leptonychotes weddellii) underwater vocalisations	2122	1									1														
HOVENDEN, Dr. Mark	Seasonal productivity of Antarctic lichens	2124	1									1														
GOLDSWORTHY, A/Prof. Simon	Interactions between fur seals and marine resources in the Antarctic Polar Frontal Zone in the Southern Indian Ocean	2128	3	C,R								1	1	1												
WILSON, Prof. Christopher (Chris)	The Mawson Escarpment the tectonic link between Prydz Bay and Prince Charles Mountains	2137	2									1	1													
MCMINN, Prof. Andrew	Phytoplankton and hydrological succession in Omega and Taynaya Bays, eastern Antarctica	2146	1									1														
SIMPSON, Prof. Rodney (Rod)	The structure of marine benthic communities at Macquarie Island ten years after the Nella Dan oil spill	2151	1									1														
SKOTNICKI, Dr. Mary	Conservation of plant biodiversity in Antarctica - a genetic approach	2152	16	R								1	1	1	1	1	1	1	1	1	1	1	1	1	1	
KAWAGUCHI, Dr. So	Experimental studies into growth and ageing of krill	2152	16	R								1	1	1	1	1	1	1	1	1	1	1	1	1	1	
BOWMAN, Dr. John	Exopolysaccharides from antarctic bacteria	2153	16									1	1	1	1	1	1	1	1	1	1		1	1	1	1
SKOTNICKI, Dr. Mary	Investigation of virus biodiversity in antarctic terrestrial plants	2153	16									1	1	1	1	1	1	1	1	1	1		1	1	1	1
LAYBOURN-PARRY, Prof. Johanna (Jo)	Bacterioplankton dynamics in Antarctic lakes	2154	3									1	1	1												
SMITH, Dr. Stephen (Steve)	The dispersal of benthic marine invertebrates by kelp rafts in the Southern Ocean	2163	1									1														
WILSON, Prof. Christopher (Chris)	Ice flow and fracture propagation in the Framnes Mountains	2170	1									1														
KAYE, Mr. Stuart	Evaluation of the content of the laws of the Australian Antarctic Territory	2177	1	R								1														
GORE, A/Prof. Damian	Transport and dispersal of selected pollutants in the terrestrial and nearshore marine environments, Casey Station	2179	1	R								1														
GUICHARD, Dr. Antoine	Alternative energy systems for polar regions	2181	3											1	1											
PRICE, Dr. Georgina (Gina)	Dynamics of the lower thermosphere	2183	1									1														
HARCOURT, Prof. Robert (Rob)	The mating system of the Weddell seal, Leptonychotes weddelli	2184	2									1	1													
BURGESS, Dr. James (Jim)	Cultural eutrophication of oligotrophic lakes in the Larsemann Hills	2186	1									1														
WILLIAMS, Dr. Raymond (Ray)	Near-coastal distributions of icebergs, derived from SAR and Landsat MSS data using semi-automated image analysis techniques	2187	7									1	1		1	1	1									
MABIN, Mr. Mark	Quaternary glaciations of the southern Prince Charles Mountains	2189	1	C								1														
MORGAN, Mr. Vincent (Vin)	Coring and drill testing on Law Dome	2198	1									1														
CROSSLEY, Dr. Anthony (Clive)	Monitoring Antarctic microplankton and picoplankton by flow cytometry	2199	1									1														
YOUNG, Mr. Neal	Mass input and surface properties of the ice sheet in East Antarctica	2200	8									1	1	1	1	1	1									
CONSTABLE, Dr. Andrew	HIMI Marine Ecosystem	2201	13	C								1	1	1	1	1	1	1	1	1	1			1		
RIDDLE, Dr. Martin	communities	2201	13									1	1	1	1	1	1	1	1	1	1			1		
MORRIS, Dr. Carl (Ric)	Modelling of wastewater discharge systems in the Antarctic	2202	2									1	1													
LUICK, Dr. John	Sea level variability in the Antarctic as a possible indicator for climate change	2203	1									1														
SOUTHWELL, Dr. Colin	Adelie penguin research and monitoring in support of the CCAMLR Ecosystem Monitoring Project	2205	13	R						1	1	1	1	1	1	1	1	1	1	1						
MICHAEL, Dr. Kelvin	Detection of thin sea ice from satellite-borne sensors	2206	4								1	1	1	1												
BURTON, Mr. Harry	Environmental impact of pelagic plastics: surface waters of the Southern Oceans and adjacent shorelines	2207	7	R								1	1	1	1	1										
WOEHLER, Dr. Eric	Variability in the distribution and abundance of seabirds in the Southern Indian Ocean	2208	11	R								1	1	1	1	1	1	1	1	1						
MICHAEL, Dr. Kelvin	Large scale survey of polynyas in the East Antarctic Sector [project #909 previous to 1997-98]	2209	2									1	1													
MICHAEL, Dr. Kelvin	UV climate over the Southern Ocean south of Australia, and its biological impact	2210	16		1	1	1	1	1	1		1	1		1	1	1	1	1			1				
DAVIDSON, Dr. Garry	Sulfur isotope patterns of oceanic crust on Macquarie Island-implications for global sulfur cycling G	2212	2								1	1														
RODGERSON, Dr. Mary (Lou)	Patterns of invertebrate diversity around Casey, Antarctica	2213	1	R								1														
CLARKE, Dr. Geoffrey (Geoff)	Archaean to Proterozoic crustal evolution of the Stillwell Hills - Oygarden Group coastline	2214	3								1	1	1													
ALLISON, Dr. Ian	A compilation of Australian and Russian glaciological data for the Lambert Glacier/Amery Ice Shelf	2216	7									1	1	1	1	1										
CROSSLEY, Dr. Anthony (Clive)	Monitoring Antarctic and Subantarctic nanoplankton by flow cytometry	2219	1										1													
DAVIDSON, Dr. Garry	Geophysical imaging, structural analysis, and alteration geochemistry of the Macquarie Island crust, to constrain the tectonic, and hydrothermal history of the ocean floor.	2220	6									1				1		1	1		1					
BINDOFF, Prof. Nathaniel (Nathan)	The effect of the Mertz Polynya on Antarctic bottom water formation	2223	3									1	1	1												
JOHNSTON, Mr. Gary	Southern extension of the Trans Antarctic deformation project [observational]	2224	13									1	1	1	1	1	1	1	1	1	1	1				
DUQUESNE, Dr. Sabine	Amplified effects of the multiple stressors UV-B and contaminants on Antarctic marine macroinvertebrates	2228	1									1														
RITZ, Prof. David	The role of herbivorous copepods in carbon flux through the Antarctic marine ecosystem. Phase 1: Marine snow consumption by Antarctic copepods, implications for reproduction, food web dynamics and nutrient cycling	2229	2									1	1													
KINGSTON, Dr. Timmothy (Tim)	Ecological and taxonomic survey of terrestrial Oligochaetes of Macquarie Island	2233	1									1														
GORE, A/Prof. Damian	Luminescence dating of marine and fluvial sediments from Bunger Hills	2237	1	C								1														
RACCAH, Mr. Fabien	Environmental monitoring of the atmosphere over the Southern Ocean	2239	5									1	1	1	1											
PENROSE, A/Prof. John	Assessment and further development of the Antarctic Division's acoustic multi-frequency target classification methods	2241	2									1	1													
DEHAIRS, Dr. Frank	An integrated approach to assess carbon dynamics in the Southern Ocean	2242	1									1														
HEIL, Dr. Petra	Variability of the coastal Antarctic climate derived from fast-ice observations. [Observational]	2244	19							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BISHOP, Prof. Ian	Development of a GIS of wilderness and aesthetic values for the AAT	2250	10	R								1	1	1	1	1	1		1							
GIESE, Dr. Melissa	Measuring the effects of helicopter operations on Antarctic wildlife	2251	3	R							1	1	1													
GALLAGHER, A/Prof. Stephen	Palaeoenvironmental distribution of Tertiary molluscs in the Southern Ocean: a comparison of early Pliocene molluscan faunas (4.5 - 3.5 ma) from Marine Plain, Antarctica with that of the north island of New Zealand	2252	1									1														
THIELE, Dr. Deborah (Debbie)	Southern Ocean cetacean program	2253	11	R								1	1	1	1	1	1	1	1	1						
ROBERTSON, Dr. Graham	An assessment of short-tailed shearwaters as indicators of variability in Antarctic marine productivity	2254	2									1	1													
TRULL, Dr. Thomas (Tom)	Multi-investigator proposal for Subantarctic zone oceanography	2256	2									1	1													
ZAHOROWSKI, Dr. Wlodek	Radon measurements at Mawson and Macquarie Island	2262	10									1	1	1	1	1	1	1	1							
ROGERS, Dr. Tracey	Population variation in pack ice seals around the Antarctic continent (INCORPORATED IN PROJECT #1144 FROM 2000-01)	2263	4	R							1	1	1	1												
RIDDLE, Dr. Martin	Population monitoring of Adelie penguins	2264	3	R								1	1	1												
VAN DEN HOFF, Mr. John	Factors controlling the population status of the southern elephant seal *Mirounga leonina* at Macquarie Island	2265	17									1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
HEIL, Dr. Petra	Implementation of a sea-ice model for application in the Antarctic	2265	17									1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BURTON, Mr. Harry	Periodicity in foraging areas of leopard seals in the region south of Macquarie Island	2268	7										1	1	1	1	1									
WILLIAMS, Dr. Phillip	Mycorrhiza in the Antarctic liverwort (Cephaloziella exiliflora)	2275	3					1			1	1														
IULIANO-BURNS, Dr. Sandra (Sandy)	Does prolonged sun deprivation in antarctic conditions cause irreversible bone loss?	2276	16					1	1	1	1	1	1	1	1	1		1	1	1	1	1				
URQUHART, Ms. Judith	Macquarie Island GIS track survey and wilderness inventory	2277	1	R								1														
VAN FRANEKER, Dr. Jan	Long term studies of Antarctic fulmarine petrels in the AAT in relation to the CCAMLR Ecosystem Monitoring Program	2279	2	R								1	1													
DICK, Dr. Alan (Chad)	Atmospheric sulfur species at high southern latitudes	2282	12			1	1	1	1	1		1	1	1	1	1										
PEARSON, Prof. Colin	Deterioration studies, archaeological investigations and structural assessments of Mawson's Huts (Cape Denison)	2283	3											1		1										
DACZKO, A/Prof. Nathan	The environmental and tectonic implications of volcaniclastic sedimentary deposits on Macquarie Island	2286	22				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
QUILTY, Prof. Patrick (Pat)	Palynology of Pliocene sediments, Prince Charles mountains	2288	1	C													1									
CODD, Dr. Rachel	Metallated Proteins Expressed by Psychrophilic Bacteria	2290	1														1									
WAITE, Dr. Anya	The role of large diatoms' sedimentation dynamics in the biogeochemistry and global climatic impact of the Southern Ocean	2291	1														1									
TREGONING, Dr. Paul	Glacial Isostatic Rebound in East Antarctica	2295	12													1	1	1	1	1	1	1	1	1	1	1
ROBERTSON, Dr. Graham	Reduction in mortality of seabirds in longline fisheries	2295	12	R												1	1	1	1	1	1	1	1	1	1	1
BOWIE, A/Prof. Andrew	Iron content of Southern Ocean phytoplankton: implications for carbon transfer to the deep sea	2297	1														1									
MASSOM, Dr. Robert (Rob)	Remote Sensing Validation Experiment	2298	3															1	1	1						
MCMINN, Prof. Andrew	Role of micronutrients in the sea ice microbial ecosystem	2299	1														1									
GALES, Dr. Nicholas (Nick)	Determination of trophic relationships between marine predators and commercial marine living resources	2301	7	R												1	1	1	1	1	1					
MCMINN, Prof. Andrew	Effect of global change on the primary production of antarctic coastal ecosystems	2301	7													1	1	1	1	1	1					
TAYLOR, Dr. Fiona	The effect of global climate change on Antarctic marine diatoms	2302	1														1									
RINTOUL, Dr. Stephen (Steve)	Real-time monitoring of upper ocean variability in the Australian region of the Southern Ocean using Argo profiling floats (observational)	2303	5														1	1	1	1	1					
LAYBOURN-PARRY, Prof. Johanna (Jo)	The role of viruses in saline antarctic lakes	2306	1														1									
TOMCZAK, Prof. Matthias	Evolution of water mass properties in the Circumpolar Current during 1991 - 1996	2311	1														1									
CHURCH, Dr. John	The transport of Antarctic Bottom Water by the Kerguelen Western Boundary Current	2312	3														1	1	1							
MCMINN, Prof. Andrew	High resolution palaeoclimate analysis of lacustrine systems in the Vestfold Hills	2313	1														1									
BYE, Dr. John	Effects of the modulation of the surface shear stress by the wave field in a model of the Southern Ocean	2315	1														1									
KIRKPATRICK, Prof. James (Jamie)	Longterm Changes in Vegetation and Soil Stability, Macquarie Island	2317	2														1						1			
YOUNG, Mr. Neal	Mass flux measurements across the margin of the Antarctic ice sheet	2318	2															1	1							
GABRIC, Prof. Albert (Al)	Investigating the relation between aerosol optical depth, dimethylsulphide production and phytoplankton dynamics in the Antarctic Southern Ocean	2319	1														1									
SIMMONDS, Prof. Ian	The influence of the El Nino-Southern Oscillation on Antarctic and subantarctic climate	2320	3														1	1	1							
LAYBOURN-PARRY, Prof. Johanna (Jo)	Applying e-science to evaluating antarctic lakes as indicators of climate change	2323	1														1									
LAYBOURN-PARRY, Prof. Johanna (Jo)	Plankton dynamics and geochemistry of Beaver Lake	2324	1														1									
GAVRILOV, Prof. Alexander	Long-range acoustic observation of the Antarctic ice rifting and calving events using the CTBT hydroacoustic listening station off Cape Leeuwin	2325	9														1	1	1	1	1	1	1	1	1	

TEAGLE, Dr. Damon	Tracing the interaction of seawater with the ocean crust during mid-ocean ridge hydrothermal alteration: Unique opportunities from exposed oceanic basement on Macquarie Island	2327	1		1									
GASPARON, Dr. Massimo	Baseline metals in Antarctic environments: Casey area and Bunger Hills	2328	1		1									
KAEMPF, Dr. Jochen	Cross-shelf exchange created by dense water cascading in the presence of submarine channels: physical-biological implications	2331	1		1									
ROSMAN, Prof. Kevin	Climatic and sea-level changes during the glacial/Holocene transition inferred from isotope ratios of trace metals in Law Dome ice cores	2334	1		1									
JENKIN, Dr. John	Long-term change in the vegetation of Macquarie Island	2335	2		1		1							
REID, Prof. Iain	A Meteor Radar for Measuring Mesospheric and Lower Thermospheric Winds and Temperatures at Davis Station	2337	9		1	1	1	1	1	1	1	1	1	
COLEMAN, Prof. Richard	Ridging and Calving on the Amery Ice Shelf	2338	3		1	1	1							
TAN, Dr. Irene	Diversity and metabolic abilities of antarctic bacteria	2341	3		1	1		1						
ENGLAND, Prof. Matthew	Variability and stability of Antarctic Bottom Water	2348	4			1	1	1	1					
CARSON, Dr. Christopher (Chris)	Boron in Antarctic granulite-facies rocks: under what conditions is boron retained in the middle crust?	2350	1			1								
LAYBOURN-PARRY, Prof. Johanna (Jo)	The taxonomy and evolution of dinoflagellate communities in saline lakes	2353	2	R		1	1							
STEVENS, Dr. Mark	Molecular studies of the origins and dispersal patterns of invertebrates in the antarctic and subantarctic	2355	7			1	1	1		1		1	1	1
SEPPELT, Prof. Rod	Systematics of antarctic plants	2361	2	R		1	1							
MCMINN, Prof. Andrew	Role of micronutrients in the sea ice microbial ecosytem (II)	2362	2			1	1							
THOST, Dr. Douglas (Doug)	Morphology, dynamics and mass balance of Brown Glacier, Heard Island	2363	2	C		1	1							
MCMINN, Prof. Andrew	Response of antarctic marine diatoms to environment modification	2364	1			1								
WATSON, Dr. Jeanette (Jan)	Hydroids of the BANZARE antarctic expeditions 1916 - 1931	2377	3			1	1	1						
MITCHELL, Dr. James (Jim)	Impact of viscosity on the morphology and swimming behaviour of motile bacterioplankton, phytoplankton and protozooplankton	2382	2				1	1						
SMITH, Dr. Andrew	Historical atmospheric radio-methane	2384	2			1		1						
SEEN, Dr. Andrew	Development and application of DGT devices for passive sampling of contaminated waters in the Antarctic environment	2385	3	R		1	1	1						
MCGOWAN, A/Prof. Hamish	Frozen dunes: An indicator of climate variability, McMurdo Dry Valleys, Antarctic	2386	1				1							
BARMUTA, Dr. Leon	Antarctic freshwater lake fauna: Palaeobiogeography, palaeoecology and applications to climate change studies	2387	3			1	1	1						
SIMMONDS, Prof. Ian	The variability of the Southern Annular Mode and associations with high latitude weather and climate	2388	4			1	1	1	1					
ROBINSON, Prof. Sharon	Can remote sensing be used to map vegetation and monitor community change in Antarctica?	2392	3		1	1		1						
HOWARD, Dr. William (Will)	Oceanographic and climatic evolution of Kerguelen Plateau region: Collaborative research aboard the Japanese research vessel Mirai	2393	2			1	1							
STEVENS, Dr. Mark	Introduced invasive terrestrial invertebrates on Macquarie Island: studies on ecology, origins and control	2397	4			1	1	1		1				
SCHMIDT, Dr. Susanne	Identifying global change: stable isotope composition and cuticle characteristics of antarctic plants	2399	2			1	1							
GORE, A/Prof. Damian	Subsurface investigations of Marine Plain	2400	5			1	1			1	1	1		
ROSMAN, Prof. Kevin	Heavy metal concentrations and isotope ratios in Law Dome snow as indicators of recent climatic and environmental variability	2407	2			1	1							
CODD, Dr. Rachel	Molecular characterisation of cold-adapted metallo-oxotransferases from the dimethylsulfoxide reductase family expressed by antarctic bacteria (genus: Shewanella)	2409	5			1	1	1	1		1			
NAJIMUDIN, Dr. Nazalan (Naz)	Study of the biodiversity of the nitrogen fixing microbes of Antarctic origin and their physiology, evolution and enzyme structures	2414	1			1								
WORBY, Dr. Anthony (Tony)	Application of new techniques for sea ice characterization	2418	6			1	1	1	1		1	1		
PATON, Prof. Douglas	Expeditioner and family reintegration: Comparing ship-based and air-based personnel movement	2500	8				1	1	1	1	1	1	1	1
FABEL, Dr. Frederik (Derek)	Nunataks as Dipsticks of Past Changes in Ice Level: Constraining the glacial history of the Lambert Glacier region using terrestrial cosmogenic nuclides.	2502	2				1	1						
HUMBLE, Dr. John	Short Duration Solar-Related Cosmic Ray Intensity Changes	2504	3				1		1	1				
COLEMAN, Prof. Richard	Fracturing and deformation along the Amery Ice Shelf	2505	5			1	1	1	1	1				
GIBSON, Dr. John	Modern day limnology and palaeolimnology of lakes in the Framnes Mountains and Stillwell Hills	2509	1				1							
HALLEGRAEFF, Prof. Gustaaf	The potentially toxic dinoflagellate Pfiesteria from Antarctic saline lakes: taxonomy, life cycle and genetic affinities	2513	1				1							
GABRIC, Prof. Albert (Al)	Biogeochemical modelling of the feedback between ocean biota and climate at polar latitudes	2515	3				1	1	1					
TILBROOK, Dr. Bronte	Southern Ocean Carbon Cycle	2516	5				1	1	1	1	1			
SEURONT, Dr. Laurent	Three-dimensional microscale distribution and production of plankton populations	2518	4				1	1	1	1				
BUTLER, Dr. Edward	Selenium as a key micronutrient in primary productivity in the Southern Ocean	2519	8				1	1	1	1	1	1	1	1
MCMINN, Prof. Andrew	Impact of climate change on penguin colonies in the Vestfold Hills: using high resolution diatom analysis	2523	1				1							
LAYBOURN-PARRY, Prof. Johanna (Jo)	Functional genomics of phytoplankton species along a gradient of saline lakes	2526	1				1							
MURPHY, Dr. Damian	Investigations of the Antarctic Mesosphere and Lower Thermosphere using satellite data	2527	5				1	1	1	1	1			
HEIL, Dr. Petra	Studying high-frequency Arctic and Antarctic sea-ice dynamics using drifting buoy data	2529	5				1	1	1	1	1			
TOMCZAK, Prof. Matthias	1991 - 1996	2530	2				1	1						
QUILTY, Prof. Patrick (Pat)	Holocene sea-ice history: the association between deep-sea and continental ice core records	2534	1				1							
MILLER, Dr. Brian	Passive acoustic monitoring of antarctic marine mammals	2535	3	R			1	1	1					
COLEMAN, Prof. Richard	Iceberg Calving from Active Ice-Shelf Rift Systems on the Amery Ice Shelf	2540	3				1	1	1					
O'BRIEN, Dr. Philip (Phil)	Near-shore seabed environmental variation and processes, Casey-Wilkes Region	2541	1				1							
SIMMONDS, Prof. Ian	Antarctic associations with Australian and South American cold outbreaks: Present and future	2542	3				1	1	1					
ROBINSON, Prof. Sharon	Using microsatellites as markers to explore genetic variation in Ceratodon purpureus	2542	3				1	1	1					
SCHORTEMEYER, Dr. Marcus	Photosynthesis of subantarctic plants as affected by leaf and canopy temperature variation	2544	2				1	1						
SKOTNICKI, Dr. Mary	Biodiversity and conservation of Australia's southernmost orchid: Nematoceras on Macquarie Island	2545	2	R				1				1		
HARLEY, Prof. Simon	Accessory mineral behaviour during partial melting in the crust - improving the geochronology of granulite terrains.	2547	3				1	1	1					
MCRAE, Dr. Christopher	Isolation and Characterisation of Natural Organic Matter from the Lake Waters of the Vestfold Hills	2552	1				1							
MCRAE, Dr. Christopher	A Study of the Racemisation of Amino Acids in the Proteinaceous material isolated from Antarctic Fossil Shells: Implications for Archaeological and Geological Dating	2553	1				1							
SHELLAM, Prof. Geoffrey (Geoff)	Presence of Disease in the Penguins and Skuas of Macquarie Island	2555	1	R				1						
O'BRIEN, Dr. Philip (Phil)	Sedimentary environments and transport paths on the George V-Wilkes Land Margin	2556	2				1	1						
HINDELL, Prof. Mark	Winter foraging ranges of Weddell seals: a pilot study to assess their role in the winter sea-ice zone and their potential as ocean sampling platforms	2559	4				1	1	1	1				
WILSON, Prof. Christopher (Chris)	Interpretation of airborne geophysical data acquired during PCMEGA	2561	2	C			1	1						
WARNER, Dr. Roland	Antarctica - past, present, and future: exploring the dynamic interactions of ice sheet and ice shelves within the global climate system through computer modeling.	2562	3					1	1	1				
DYSON, Prof. Peter	Small-scale processes in Earth's mesosphere and thermosphere in the auroral zone	2564	2					1	1					
RUNCIE, Dr. John	Are antarctic macroalgae more sensitive to contaminants than lower latitude species? Development and application of novel ecotoxicological techniques	2566	4				1	1	1	1				
HOWARD, Dr. William (Will)	Physical and biogeochemical dynamics of the subantarctic zone	2566	4				1	1	1	1				
RIBBE, Dr. Joachim	On Sub-Antarctic Mode Water Production and Export	2568	1				1							
GALES, Dr. Rosemary	Conservation and population status of albatrosses and giant petrels on Macquarie Island	2569	7				1	1	1	1	1	1	1	
RALPH, Prof. Peter	Photosynthetic condition of Southern Ocean phytoplankton	2569	7				1	1	1	1	1	1	1	
STEVENS, Prof. Geoffrey (Geoff)	Constraints on hydrocarbon adsorption and nutrient release from zeolites at low temperatures for hydrocarbon remedation in Antarctica	2570	8				1	1	1	1	1	1	1	1
COLLINS, Dr. Alan	Enigmatic Orogeny during the dispersal of Rodinia: Deciphering the Record of Tectonic Reworking in the Vestfold Hills	2570	8				1	1	1	1	1	1	1	1
RINTOUL, Dr. Stephen (Steve)	CLIVAR I9: A repeat hydrographic transect across the Antarctic Circumpolar Current at 115E	2572	1	C			1							
LUCIEER, A/Prof. Arko	Modelling and mapping near-shore fast ice distributions and dynamics: a spatial perspective	2576	3				1	1	1					
GORE, A/Prof. Damian	The hydraulic behaviour of Permeable Reactive Barrier materials under freeze-thaw conditions	2576	3				1	1	1					
COLEMAN, Prof. Richard	Law Dome - Ice and crust mass balance studies	2580	1				1							
AYTON, Dr. Jeffrey (Jeff)	Taking the Antarctic Arctic Polar Pulse-IPY 2007-8 (TTAAPP) Human Biology and Medicine Research	2581	3				1	1	1					
MULLER, Dr. Ralph (Dietmar)	Constraining the history of circum-antarctic circulation with digital southern ocean palaeo-depth maps	2583	1				1							
PHANG, Prof. Siew-moi	Response of sea ice algae to temperature and oxidative stress	2584	2				1		1					
WALSH, Dr. Wilfred	Dome A Terahertz Observatory (DATO)	2592	4				1	1	1	1				
GABRIC, Prof. Albert (Al)	Modelling investigations of the shoaling of iron-rich upper circumpolar deep water and its role in the regulation of primary production at 60-65S	2596	3				1	1	1					
WATERS, Dr. Jonathan (Jon)	Kelp rafts in the Southern Ocean: intercontinental travel for sessile and semi-sessile organisms.	2602	2				1		1					
LAYBOURN-PARRY, Prof. Johanna (Jo)	What factors control bacterial biodiversity in a natural marine derived Antarctic laboratory?	2647	1					1						
NICOL, Dr. Stephen (Steve)	An integrated survey of the waters between 30 and 80 degrees East (CCAMLR Division 58.4.2)	2655	1	C				1						
MCMINN, Prof. Andrew	Limnological and nearshore diatom communities of Macquarie Island: proxies of subantarctic climate change?	2663	1					1						
HADDAD, Prof. Paul	Diffusive Gradients in Thin Films (DGT) Methodology for Selective and Spatially Discriminating Binding of Metal Ions	2665	3					1	1	1				
RUNCIE, Dr. John	The use of Pb isotope ratios for tracing anthropogenic Pb in benthic macroalgae near Casey Station	2665	3					1	1	1				
WORBY, Dr. Anthony (Tony)	Antarctic sea ice thickness distribution from ship observations collected between 1980 - 2004	2669	1					1						
BOWMAN, Dr. John	Pathways of alkane biodegradation in antarctic and subantarctic soils and sediments	2672	4					1	1	1	1			
NUGEGODA, A/Prof. Dayanthi	A practical approach to the assessment of risk to Antarctic marine organisms from environmental contaminants: rapid tests	2677	1					1						
BINDOFF, Prof. Nathaniel (Nathan)	The oceanography of the region between 30 and 80 degrees east (CCAMLR Division 58.4.2)	2679	1	C,R				1						
SEPPELT, Prof. Rod	Patterns in biodiversity of bryophytes and lichens in continental Antarctica	2682	4					1	1	1	1			
JOHNSTON, Dr. Emma	Assessing the impact of contaminated sediments on hard-substrate antarctic marine communities	2691	2					1	1					
SOUTHWELL, Dr. Colin	Predator research survey and monitoring in support of CCAMLR's management of the krill fishery	2691	2	C,R				1	1					
PHANG, Prof. Siew-moi	Biochemical response of Antarctic and tropical microalgae to UV radiation stress	2694	1					1						
GILLINGS, Prof. Michael (Mike)	The role of integrons in adaptation to fuel contamination and remediation: horizontal gene transfer in antarctic bacteria	2695	2					1	1					
ROACH, Dr. Michael (Mike)	Development of geophysical methods for the study of contaminant transport in frozen ground	2696	2					1	1					
SHEARMAN, Dr. Deborah	Genetic diversity in marine benthic organisms of the Windmill Islands, East Antarctica	2697	1					1						
SELKIRK, Dr. Patricia	Review of vegetation recovery from human impacts	2698	7					1	1	1	1	1	1	1
RALPH, Prof. Peter	Photokinetic adaptation of sea-ice algae	2702	1					1						
JACKSON, Dr. George	Modelling habitat selection by snow petrels and Wilson's storm petrels in East Antarctica	2704	1				1							
BRADSHAW, A/Prof. Corey	Digging up the past: The impact of life-history traits on royal penguin (Eudyptes schlegeli) population dynamics	2748	1							1				
LAYBOURN-PARRY, Prof. Johanna (Jo)	Geochemical and biological linkages in glacier ecosystems	2750	1								1			
LAYBOURN-PARRY, Prof. Johanna (Jo)	Viral and microbial loop dynamics in the water column and sea-ice of Prydz Bay	2751	2							1	1			
HINDELL, Prof. Mark	Responses and adaptations by two seal species to variability in the Southern Ocean ecosystem	2753	3						1		1	1		
MEINERS, Dr. Klaus	An integrated study of processes linking sea ice and biological ecosystem elements off East Antarctica during winter	2767	1	C						1				
LUCIEER, A/Prof. Arko	Remote sensing for mapping and monitoring vegetation on Heard Island	2773	1						1					
HINDELL, Prof. Mark	Winter foraging success of Southern Ocean predators in relation to stochastic variation in sea-ice extent and winter water formation	2774	1						1					
BALL, Prof. Marilyn	Climate change and carbon gain in antarctic mosses	2780	3									1	1	1
HART, Dr. Rob	Ultrasound capability for Australian Antarctic bases	2782	1								1			
ROSMAN, Prof. Kevin	Lead isotopes and heavy metals in highly resolved Law Dome accumulation and Talos Dome firn and as tracers of Australian/Southern African dust input to East Antarctica during present mild climatic conditions	2786	1							1				
COLEMAN, Prof. Richard	Analysis of East Antarctic drainage basins with altimetric, interferometric, gravity and GPS techniques to determine their state of flux	2788	1							1				
STODDART, Prof. David (Michael)	Australia's Census of Antarctic Marine Life project	2792	2	C						1	1			
RINTOUL, Dr. Stephen (Steve)	Observing transport and water mass changes south of Australia (CLIVAR SR3, 140E)	2793	3	C						1			1	1
GIBSON, Dr. John	Barcoding Antarctica: Applying molecular genetic techniques to studies of terrestrial invertebrate biodiversity and biogeography	2794	5						1		1	1	1	1
ZHU, Dr. Renbin	Studies on the Eco-geology of penguin and seal colonies in the Davis area.	2873	1					1						
FRY, Dr. Bryan	Venom on ice: Novel venoms from Antarctic marine animals	2897	3							1	1	1		
DARTNALL, Dr. Herbert (Herb)	Further elucidation of the freshwater fauna of the Australian Antarctic Territories	2899	3						1	1	1			
CAVICCHIOLI, Prof. Ricardo (Rick)	Metagenomics of Antarctic Lakes: a Model for Defining Microbial Biogeochemical Processes in the Cold	2899	3						1	1	1			
BUTLER, Dr. Edward	Ocean micronutrients (Australian sector) -- IPY-GEOTRACES SR3 section and associated aerosol study	2900	1							1				
WORBY, Dr. Anthony (Tony)	Investigation of sea ice physical processes in East Antarctica during early Spring	2901	2	C						1	1			
BERGSTROM, Dr. Dana	Aliens in Antarctica	2904	5	C,R						1	1	1	1	1
COLEMAN, Prof. Richard	IPY: Coordinated Research into Antarctic Calving (CRAC) - Amery Ice Shelf component	2909	1							1				
KEMPSON, Dr. Ivan	Characterization of metal contaminants in Antarctic sediments	2913	1	R						1				
GEORGE, Prof. Simon	Rates of depletion of lubricant and fuel contaminants from Antarctic regions during natural attenuation and remediation procedures	2915	4	R							1	1	1	1
NUGEGODA, A/Prof. Dayanthi	Have stream invertebrate communities of Macquarie Island changed over 15 years and are they likely to respond to climate changes or other environmental factors?	2918	1							1				
READING, Dr. Anya	A broadband seismic experiment to image the lithosphere beneath the Gamburtsev Mountains, East Antarctica.	2919	2							1	1			
NUGEGODA, A/Prof. Dayanthi	Assessment of the tolerance of sub-Antarctic marine invertebrates to metal contaminants	2921	1							1				
JARMAN, Dr. Simon	Molecular ecology of key Southern Ocean predators	2926	4							1		1	1	1
SHELLIE, A/Prof. Robert	Development and application of multidimensional gas chromatography for quantitative monitoring of antarctic and subantarctic fuel spills	2930	2							1	1			
IULIANO-BURNS, Dr. Sandra (Sandy)	Skeletal and metabolic responses to Vitamin D supplementation during prolonged periods of sun deprivation: A randomized double-blind, placebo-controlled trial in Antarctic Expeditioners	2931	2							1	1			
LYNCH, Prof. Amanda	Mesoscale Atmospheric Circulations in Terra Nova Bay	2932	4							1	1	1	1	
KING, Dr. Catherine (Cath)	Developing water and sediment quality guidelines for Antarctica: Responses of Antarctic marine biota to contaminants.	2933	5	R						1	1	1	1	1
POWER, Dr. Michelle	Tracking Antimicrobial Resistance from Human Sewage to the Antarctic Environment	2936	3	R							1	1	1	
GORE, A/Prof. Damian	In situ chemical stabilisation of contaminants in freezing ground	2937	3	R							1	1	1	
HALLEGRAEFF, Prof. Gustaaf	Genetic and physiological diversity of the keystone calcareous nanoplankton Emiliania huxleyi in the Southern Ocean: Implications for claimed impacts of climate change and ocean acidification	2938	1							1				
LUCIEER, A/Prof. Arko	Satellite imagery for change detection in the sub-Antarctic: using Heard Island as a proof of concept	2939	5	R						1	1	1	1	1
HINDELL, Prof. Mark	Winter Foraging Locations Of Southern Ocean Predators - sub antarctic islands	2940	4	R						1	1	1	1	
GALES, Dr. Nicholas (Nick)	Conservation and Management Science of Marine Mammals	2941	4	R						1	1	1	1	
CONSTABLE, Dr. Andrew	Ecological and resource modelling in the Southern Ocean, including fish and fisheries ecology	2942	4	R						1	1	1	1	
RAYMOND, Dr. Benjamin (Ben)	Cumulative solar irradiance and potential large-scale sea ice algae distribution off East Antarctica	2943	1							1				
ROBERTSON, Dr. Robin	Tidal effects on the ice concentration and lead fraction over the contintental shelf and slope off Wilkes Land	2944	2							1	1			
MAHER, Dr. William (Bill)	Development of an artificial “living” sediment to study the effects of metal contamination in Antarctic marine ecosystems.	2946	4							1	1	1	1	
STARK, Dr. Jonathan (Jonny)	TRENZ: The TRophic Ecology of the antarctic Nearshore Zone: local and global constraints on patterns and processes	2948	4	R							1	1	1	1
GILLINGS, Prof. Michael (Mike)	Spatial variability in polar soil ecosystems: An integrated study of genes, microbial biodiversity and landform evolution as a baseline for monitoring climate change	2952	5							1	1	1	1	1
SHELLAM, Prof. Geoffrey (Geoff)	Status of Disease in the Emperor Penguins of Auster Rookery	2954	2	R						1	1			
ENGLAND, Prof. Matthew	Multiple equilibria in the Southern Ocean thermohaline circulation and links to global climate	2960	2							1	1			
STODDART, Prof. David (Michael)	Science Outreach	2979	1							1				
PHILLIPS, Dr. Helen	The Southern Ocean branch of the Meridional Overturning Circulation: New observations of vertical mixing	3002	4								1	1	1	1
GIBSON, Dr. John	An identification key for the terrestrial and limnetic invertebrates of East Antarctica	3004	2								1	1		
SLOYAN, Dr. Bernadette	Kerguelen Mixing Experiment	3008	2	C							1	1		

ARANGO, Dr. Claudia	Diversity and evolution of Australian Antarctic sea spiders: Understanding species diversification and distribution patterns	3010	4		1	1	1	1										
WORBY, Dr. Anthony (Tony)	Physical and biological processes associated with early season (April-May) sea ice growth and ice edge location	3012	2		1	1												
LAYBOURN-PARRY, Prof. Johanna (Jo)	Biogeography in saline lake dinoflagellates: evolutionary jumps between limnic and marine systems	3022	1		1													
MASSOM, Dr. Robert (Rob)	Remote Sensing of Near-Coastal Antarctic Sea Ice and Its Impacts on Ice Shelves and Ecosystems.	3024	4	R	1	1	1	1										
CURRAN, Dr. Mark	Aurora Basin North Ice Core Drilling 08/09: Past and Present Climate	3025	1		1													
TRULL, Dr. Thomas (Tom)	The role of iron as a micro-nutrient to the Antarctic sea-ice zone algal community	3026	2		1	1												
LIESER, Dr. Jan	Large scale air-borne sea ice thickness measurements	3030	1		1													
HEIL, Dr. Petra	An observatory of coastal sea ice and environment	3032	4		1	1	1	1										
BREADMORE, A/Prof. Michael	A new method for characterisation of Antarctic microbial communities	3033	3	R		1	1	1										
ROBINSON, Prof. Sharon	Understanding the tolerance of Antarctic mosses to climate change	3042	4	R	1	1	1	1										
QUILTY, Prof. Patrick (Pat)	Testing a Kerguelen Plateau hotspot trace hypothesis	3043	1		1													
ROBERTS, Dr. Donna	Southern Ocean Calcareous Zooplankton Response to Ocean Acidification	3046	3			1	1	1										
RINTOUL, Dr. Stephen (Steve)	Measuring westward recirculation in the subpolar gyre of the southeastern Indian Ocean: A US Australian collaborative experiment	3049	2	C		1		1										
SIMMONDS, Prof. Ian	Polar lows over the subantarctic waters	3050	4		1	1	1	1										
MILLER, Dr. Karen	Resilience of Antarctic marine benthic invertebrates and the ecological consequences of environmental change	3051	4		1	1	1	1										
HARRISON, Prof. Peter	Ecological risks from oil products used in Antarctica: characterising hydrocarbon behaviour and assessing toxicity on sensitive early life stages of Antarctic marine invertebrates	3054	4		1	1	1	1										
BRYANT, Prof. Gary	Water content and freezing tolerance of Antarctic mosses - indicators of climate change	3061	4		1	1	1	1										
SMITH, Dr. Andrew	High resolution studies of cosmogenic beryllium isotopes (10Be and 7Be) at Law Dome	3064	4		1	1	1	1										
YOUNG, Mr. Neal	Change in Ice Shelf - Ice Stream systems	3067	4		1	1	1	1										
MCFARLANE, Dr. Rosemary (Ro)	Infectious diseases of Antarctic seals with potential population, zoonotic and quarantine significance	3070	1	R	1													
BERGSTROM, Dr. Dana	Understanding the impact of change on Australia's World Heritage subantarctic islands.	3095	4	R	1	1	1	1										
ROBERTS, Dr. Jason	ICECAP - Casey/Aurora Basin Component	3103	4		1	1	1	1										
WORBY, Dr. Anthony (Tony)	Investigation of physical and biological processes in the Antarctic sea ice zone during spring using in situ, aircraft and underwater observations	3113	2			1	1											
BENGTSON NASH, A/Prof. Susan	Persistent Organic Pollutants and Emerging Contaminants of Concern; System Input From Local and Distant Contamination Sources	3115	3			1	1	1										
SAUNDERS, Dr. Krystyna	Quantifying the effects of long term environmental change on World Heritage Macquarie Island.	3117	3			1	1	1										
MCGOWAN, A/Prof. Hamish	THE POLAR FÖHN OF THE McMURDO DRY VALLEYS: AN AGENT OF ENVIRONMENTAL CHANGE AND LANDSCAPE EVOLUTION	3119	2				1	1										
ELLWOOD, Dr. Michael	Southern Ocean nutrients and their links to climate change: insights from the metal and silicon isotope signature of diatoms	3120	2				1	1										
WATSON, Dr. Christopher	Mass balance of the Totten basin in East Antarctica: Estimation and calibration from ground, air and space-based observations (TOT-Cal)	3121	2				1	1										
BOWMAN, Dr. John	Proteorhodopsins in Southern Ocean Bacteria	3127	3			1	1	1										
ROBINSON, Prof. Sharon	Monitoring climate change induced desertification of Antarctica using stable isotopic signatures	3129	2				1	1										
LUCIEER, A/Prof. Arko	Spatial analysis of changing terrestrial ecosystems in the Windmill Islands and the sub-Antarctic	3130	3			1	1	1										
CROPP, Dr. Roger	An assessment of variability in the influx of cosmic dust during the Holocene and the potential effect on iron concentrations in the Southern Ocean.	3132	2			1	1											
BYRNE, Prof. Maria	Vulnerability of Antarctic marine benthos to increased temperatures and ocean acidification associated with climate change	3134	2			1	1											
BURTON, Prof. Michael	Robotic Science from the High Plateau	3137	3			1	1	1										
ALEXANDER, Dr. Simon	Dynamical Variability of the Lower Atmosphere	3140	3			1	1	1										
CAVICCHIOLI, Prof. Ricardo (Rick)	Monitoring Environmental Health and the Impacts of Climate Change – the Australian Southern-Ocean Genome-Based Microbial Observatory (ASOMO)	3145	2				1	1										
VAN DEN HOFF, Mr. John	Reconstructing the foraging ecology and molecular evolution of sub-Antarctic penguins: A	3203	3			1	1	1										
ARMAND, Dr. Leanne	KEOPS II. Sediment parameters, export analysis and composition (SPEAK)	3214	2				1	1										
RAJARATNAM, A/Prof. Shantha	The role of sleep and circadian phase on crew safety, performance and psychological health during long-term analog space missions	3224	2				1	1										
HINDELL, Prof. Mark	From Physics to Animals: integration and synthesis of Antarctic predator tracking data with oceanographic and sea-ice data	3227	1				1											
BINDOFF, Prof. Nathaniel (Nathan)	Southern Ocean mixing: Unique float observations of eddy exchange across the Antarctic Circumpolar Current	3228	1				1											
PETELINA, Dr. Svetlana	Impact of Black Saturday bushfire plume and other pyrocarbon emissions on stratospheric ozone above Antarctica	3229	1				1											
MCMINN, Prof. Andrew	Sea ice microbial community dynamics in a changing climate	4008	4						1	1	1	1						
ASHLEY, Prof. Michael	Robotic Science on the High Antarctic Plateau	4011	5						1	1	1	1	1					
KLEKOCIUK, Dr. Andrew	Polar FORCeS: Polar Feedbacks between Ozone Recovery and Climate in the Southern hemisphere	4012	5						1	1	1	1	1					
DEAGLE, Dr. Bruce	Krill ecological genomics	4014	6	R					1	1	1	1	1	1				
DEAGLE, Dr. Bruce	Molecular analysis of diet and age of animal populations	4014	6	R					1	1	1	1	1	1				
YOSHIKAWA, Prof. Akimasa	MAGnetic Data Acquisition System (MAGDAS) Project at the International Center for Space Weather Science and Education (ICSWSE)	4020	10						1	1	1	1	1	1	1	1	1	1
BERGSTROM, Dr. Dana	Conservation Decision-making in Antarctic Terrestrial Ecosystems: 1.Alien Species	4024	4	R					1	1	1	1						
MURPHY, Dr. Damian	Gravity wave drag parameterization in climate models	4025	5						1	1	1	1	1					
DAVIDSON, Dr. Andrew	Effects of Ocean Acidification on marine microbes in the Southern Ocean	4026	6						1	1	1	1	1	1				
STEVENS, Prof. Geoffrey (Geoff)	Development of contaminant metal removal systems suitable for implementation in cold regions.	4029	5						1	1	1	1	1					
ZIEGLER, Dr Philippe	Assessment and monitoring of fisheries in Australia's Antarctic and sub-Antarctic Territories in the Indian Ocean sector of the Southern Ocean	4030	6	R					1	1	1	1	1		1			
CAVICCHIOLI, Prof. Ricardo (Rick)	Monitoring Ecosystem Stability in Model Marine-Derived Antarctic Lake Systems	4031	2							1	1							
SCHOFIELD, Dr. Robyn	Bromine control of the mercury flux into the biosphere of the Southern Ocean and Antarctic regions	4032	3						1	1	1							
KAWAGUCHI, Dr So	Experimental krill biology: Response of krill to environmental change	4037	7	R					1	1	1	1	1	1	1			
ROBINSON, Prof. Sharon	Modelling spatial patterns and identifying environmental drivers for temporal change in Antarctic moss communities	4046	5	R					1	1	1	1	1					
KAWAGUCHI, Dr. So	Assessing change in krill distribution and abundance in Eastern Antarctica	4050	5						1	1	1	1	1					
LANNUZEL, Dr. Delphine	Role of Antarctic sea ice as a natural ocean fertilizer during the spring 2012-13 sea ice research voyage SIPEX-2.	4051	3	C					1	1	1							
MOY, Dr. Andrew	High Resolution East Antarctic Climate History (HiREACH): Ice core records of continental, hemispheric and global change	4061	5						1		1	1	1	1				
MOY, Dr Andrew	Law Dome Summit Snow-Climate Observatory	4062	5						1			1	1		1			1
TAYLOR, Prof. Mike	Antarctic Gravity Wave Imaging Network (ANGWIN) for Collaborative Mesospheric Research	4065	5						1	1	1	1	1					
HEIL, Dr. Petra	A multi-instrument approach to derive East Antarctic sea-ice dynamics	4072	3	R					1	1	1							
MEINERS, Dr. Klaus	Sea Ice Physics and Ecosystems Experiment II - an integrated study of physical and ecological sea ice processes off East Antarctica during spring	4073	2	C					1	1								
CURRAN, Dr Mark	Aurora Basin North ice coring	4075	7						1	1	1	1	1		1	1		
ROBERTS, Dr. Jason	ICECAP: Investigating Cryospheric Evolution through Collaborative Aerogeophysical Profiling in the Australian Antarctic Territory	4077	5	C					1		1	1	1	1				
ARMAND, Dr. Leanne	Grass of the Oceans: quantifying biodiversity, environmental and climatic connectivity from a decade-long capture of Southern Ocean diatoms.	4078	4						1	1	1	1						
SIMMONDS, Prof. Ian	The analysis of Antarctic upper air and surface temperature trends since the IGY and the identification of their causes using climate model analyses	4080	5						1	1	1	1	1					
SOUTHWELL, Dr Colin	Detecting potential fishery related and climate change impacts through the CCAMLR	4086	7	R					1	1	1	1	1	1	1			
EMMERSON, Dr Louise	processes	4087	7						1	1	1	1	1	1	1			
SOUTHWELL, Dr Colin	Monitoring the status and trends of Antarctic seabirds to improve fisheries management and	4088	7						1	1	1	1	1	1	1			
SIMMONDS, Prof. Ian	Energetics and dynamics of Polar Lows based on high resolution model output	4091	3						1	1	1							
BATHGATE, Mr Jonathan / DAWSON,	Geoscience Australia geodetic and geophysical monitoring program	4092	10						1	1	1	1	1	1	1	1	1	1
GALTON-FENZI, Dr Benjamin (Ben)	Interactions between ice shelf and ocean in the cavity beneath the Amery Ice Shelf.	4096	7						1	1	1	1	1	1	1			
KING, Dr. Catherine (Cath)	Development of environmental risk assessment and remediation guidelines for Antarctic and subantarctic marine and terrestrial environments.	4100	6	R					1	1	1	1	1	1				
DOUBLE, Dr Michael (Mike)	Antarctic baleen whale habitat utilisation and linkages to environmental characteristics	4101	6	R					1	1	1	1	1		1			
DOUBLE, Dr Michael (Mike)	Population abundance, trend, structure and distribution of the endangered Antarctic blue	4102	7	R					1	1	1	1	1		1	1		
DAVIDSON, Dr. Andrew	Southern Ocean Continuous Plankton Recorder Survey (SO-CPR Survey)	4107	10	R					1	1	1	1	1	1	1	1	1	1
ALDERMAN, Dr. Rachael	Status and trends of Macquarie Island Albatrosses and Giant Petrels: management and conservation of threatened seabirds	4112	6	R					1	1	1	1	1	1				
GIES, Dr. Hans (Peter)	Determination of the ultraviolet radiation environment at the Australian Antarctic Stations using broadband and spectral instrumentation	4115	10						1	1	1	1	1	1	1	1	1	1
MASSOM, Dr. Robert (Rob)	Large-scale Change and Variability in Antarctic Sea Ice,and Links with the Ice Sheet	4116	6						1	1	1	1	1	1				
CROPP, Dr. Roger	The seasonal dynamics of Persistent Organic Pollutants in coastal Antarctic waters from a coupled, vertically resolved fugacity food web model.	4121	4						1	1	1	1						
BENNETTS, Dr. Luke	Modelling ocean wave / sea ice interactions: experimental validation and assimilation into operational models.	4123	4						1	1	1	1						
JOHNSON, Prof. Craig	Quantification and prediction of marine biodiversity at a range of geographical and ecological scales for spatial protection and management	4124	4						1	1	1	1						
STARK, Dr. Jonathan (Jonny)	A Free Ocean CO2 Enrichment Experiment (FOCE) to estimate effects of ocean acidification on benthic habitats	4127	4							1	1	1	1					
CONDE, Dr. Mark	How do Antarctic space-weather disturbances propagate northward to influence ionospheric density and structure above Australia and the Southern Ocean?	4130	5						1	1	1	1	1					
RINTOUL, Dr. Stephen (Steve)	Southern Ocean circulation and water mass formation in a warming world	4131	5						1	1	1	1	1					
VERGHESE, A/Prof. Karli	LCA in the last frontier: quantifying the environmental impacts and environmental impact reduction strategy for Australia’s Antarctic infrastructure	4134	6	R					1	1	1	1	1	1				
HOSE, A/Prof. Grant	Residual toxicity and risk assessment of petroleum hydrocarbons in Antarctic and sub-Antarctic soils.	4135	5						1	1	1	1	1					
SWADLING, Dr. Kerrie	Secondary production associated with sea ice during SIPEX II: biomass, diversity and trophic links between lower trophic level invertebrates.	4140	2	C					1	1								
HARRISON, Prof. Peter	Toxicity of chemically and physically dispersed fuels on Antarctic marine biota - applicability of dispersant use for fuel spill response planning	4142	4						1	1	1	1						
EDWARDS, Dr. Peter (Ross)	Antarctic Black Carbon Records of Past Climate and Fire Emissions	4144	4						1	1	1	1						
MCCLUSKY, Dr. Simon	Antarctic Mass Balance: Data Mining and Assimilation of Geodetic Observations	4155	3						1	1	1							
SAUNDERS, Dr Krystyna	High resolution reconstructions of climate and ecosystem variability in the sub-Antarctic	4156	5							1	1	1		1	1			
FRENCH, Dr William (John)	Mesospheric OH Climate Assessment (MOHCA)	4157	10						1	1	1	1	1	1	1	1	1	1
KRISTIANSEN, Dr. Paul	Ecology and control methods: Managing the invasive weed Poa annua in the Australian sub-Antarctic	4158	4	R					1	1	1	1						
ZHANG, Prof. Kefei	GPS Radio Occultation for studying the Antarctic Atmosphere and Climate Analysis	4159	3						1	1	1							
TREGONING, Dr. Paul	What is happening in Enderby Land ?	4160	4						1	1	1	1						
ETHERIDGE, Dr David	Greenhouse gases in the southern atmosphere	4167	10						1	1	1	1	1	1	1	1	1	1
MENK, Prof. Frederick	The Role of Magnetospheric Plasma Waves in Driving Space Weather	4172	6						1	1	1	1	1		1			
MONDON, Dr. Julie	Signature biomarkers for contaminant exposure associated with sewage and refuse legacy waste disposal sites in Antarctic fish and bivalves	4177	4	R					1	1	1	1						
STARK, Dr. Jonathan (Jonny)	Human impacts of Antarctic stations on nearshore ecosystems.	4180	5						1	1	1	1	1					
KOZLOWSKI, Prof. Steve	Team cohesion, collaboration, and effectiveness	4181	5						1	1	1	1	1					
BURRIDGE, Dr. Christopher (Chris)	Conservation genetics of Antarctic seabirds and seals: population connectivity and past glacial refugia	4184	4	R					1	1	1	1						
HAND, Prof. Martin	The Windmill-Bunger connection: a key to geodynamic models for the Precambrian Australian-Antarctic continent	4191	3						1	1	1							
BALL, Prof. Marilyn	Predicting change: Will morphological constraints on hydraulic function limit acclimation of subantarctic plants to a warmer climate?	4192	4						1	1	1	1						
QUEREL, Dr Richard	Long-term measurements of atmospheric nitrogen dioxide at Macquarie Island	4193	10						1	1	1	1	1	1	1	1	1	1
SMITH, Dr. Andrew	High resolution studies of cosmogenic beryllium isotopes (10Be and 7Be) at Law Dome.	4200	5						1	1	1	1	1					
GALTON-FENZI, Dr Benjamin (Ben)	Ocean forced evolution of the Antarctic Ice Sheet	4287	5									1	1	1	1	1		
TREVERROW, Dr Adam	Ice rheology for ice sheet modelling	4289	4									1	1	1	1			
LANNUZEL, Dr. Delphine	Impact of changes in sea ice extent on primary productivity in the Southern Ocean: links between the iron and carbon cycles in fast ice and the marginal ice zone	4291	3									1	1	1				
ALEXANDER, Dr Simon	The Antarctic Clouds and Radiation Experiment (ACRE)	4292	5									1	1	1	1	1		
KLEKOCIUK, Dr Andrew	Australia-China Ozone Research Nexus (ACORN)	4293	7									1	1	1	1	1	1	1
TERAUDS, Dr Aleksandrs (Aleks)	Evidence-based spatial protection of Antarctica's biodiversity	4296	5									1	1	1	1	1		
FULLER, Dr. Richard	Conserving Antarctica's biodiversity under multiple stressors	4297	4								1	1	1	1				
MEINERS, Dr. Klaus	An integrated study of Antarctic land-fast sea ice physical and biological processes	4298	4								1	1	1	1				
HEIL, Dr Petra	Towards an estimate of East Antarctic Sea-Ice Volume and its variability	4301	4									1	1	1	1			
SHAW, Dr Justine	Post Eradication Ecosystem Response on Macquarie Island	4305	6									1	1	1	1	1	1	
CHOWN, Prof. Steven	Ecophysiological forecasting for mitigating environmental change in Antarctica	4307	5								1	1	1	1	1			
HAMILTON, A/Prof. Murray	The structure of Southern Ocean clouds	4308	5									1	1	1	1	1		
RAYMOND, Dr. Benjamin (Ben)	Multi-species animal tracking: analytical methods and application	4311	3									1	1	1				
MCGEOCH, A/Prof. Melodie	Nowhere to hide? Conservation options for a sub-Antarctic keystone species	4312	4	R								1	1	1	1			
DEAGLE, Dr Bruce	Using high throughput DNA metabarcoding to investigate Southern Ocean pelagic ecosystems	4313	4								1	1		1	1			
PETROU, Dr. Katherina	Characterising the microbial interactions that drive organic sulphur cycling in Antarctic waters	4315	2									1	1					
CAREY, Dr. Rebecca	The geological evolution of Heard Island, Australian Sub-Antarctic	4316	3								1	1	1					
KING, Prof. Matthew	Removing bias from estimates of East Antarctica’s contribution to present and past sea-level changes	4318	5									1	1	1	1	1		
MCMINN, Prof. Andrew	Response of sea ice algae to multiple co-stressors	4319	4								1	1	1	1				
POST, Dr Alexandra (Alix)	Characterising East Antarctic seabed habitats	4320	5	R								1	1	1	1	1		
KAWAGUCHI, Dr So	Designing regular krill survey of predator monitoring sites	4321	4	R								1	1	1	1			
JOLLEY, Dr. Dianne	Predicting contaminant toxicity and risk in polar systems	4326	5	R							1	1	1	1	1			
HINDELL, Prof. Mark	Seals from Space: Developing techniques to use satellite remote sensing to census pack-ice seals in the Prydz Bay region of East Antarctica	4328	5	R							1	1	1	1	1			
HARCOURT, Prof. Robert (Rob)	Seals as Oceanographic Samplers	4329	3									1	1	1				
SWADLING, Dr Kerrie	boundaries	4331	6								1	1	1	1	1	1		
BENGTSON NASH, A/Prof. Susan	When Sinks Become Sources; Understanding Persistent Organic Pollutant Behaviour in Dynamic Polar Environments	4332	4									1	1	1		1		
ARMAND, Dr. Leanne	Interactions of the Totten Glacier with the Southern Ocean through multiple glacial cycles.	4333	3									1	1	1				
COFFIN, Prof. Millard (Mike)	Submarine Volcanism and Hydrothermalism around Heard and McDonald Islands	4338	4								1	1	1		1			
SIEMS, A/Prof. Steven (Steve)	Boundary Layer Processes over the Southern Ocean: Winds, Turbulence and Clouds	4340	3									1	1	1				
SINDEL, Prof. Brian	Changes in the ecology and control of introduced non-native plants following pest herbivore eradication in the sub-Antarctic: Stellaria media	4341	3									1	1	1				
SCHOOF, Dr Christian	Outlet Glacier Dynamics in Princess Elizabeth Land	4342	4									1	1	1	1			
CONSTABLE, Dr Andrew	Assessing status and trends of marine ecosystems in the Indian Sector of the Southern Ocean	4343	5	C,R							1	1	1	1	1			
CONSTABLE, Dr. Andrew	Assessment of habitats, productivity and food webs on the Kerguelen Axis in the Indian Sector of the Southern Ocean	4344	4	C,R							1	1	1	1				
ROBERTS, Dr Jason	ICECAP II	4346	4	C								1	1	1	1			
MELBOURNE-THOMAS, Dr. Jessica	Projecting ecosystem change in the Southern Ocean using end-to-end models	4347	2									1		1				
TRULL, Dr. Thomas (Tom)	Integrated Marine Observing System Southern Ocean Time Series automated moorings for climate and carbon cycle studies southwest of Tasmania	4352	3									1	1	1				
HALPIN, Dr. Jacqueline	Reconstructing East Antarctica in Gondwana: ground-truthing a new tectonic model	4355	3								1	1	1					
LUCIEER, A/Prof. Arko	Towards a large-scale Antarctic Nearshore and Terrestrial Observing System (ANTOS): Scaling and optimising unmanned airborne observations of moss ecosystems	4361	4								1	1	1	1				
HINDELL, Prof. Mark	Using size-based models to understand the role of mesopelagic fish and squid in Southern Ocean ecosystems	4366	3								1	1	1					
BOGER, Dr. Steven (Steve)	Searching for Selwyn - does an exotic crustal block underlie northern Victoria Land?	4368	3								1	1	1					
FRASER, Dr Ceridwen (Crid)	The role of volcanoes in maintaining Antarctic terrestrial biodiversity	4370	6									1	1	1	1	1	1	
WOTHERSPOON, Dr. Simon	Solar and satellite animal tracking: analytical methods and applications	4374	4								1	1	1	1				
SUMMERSON, Dr. Rupert	Modelling wilderness and aesthetic value in Antarctica	4380	1	R								1						
ALEXANDER, Dr Simon	Precipitation over Land And the souThern Ocean (PLATO)	4387	5											1	1	1	1	1
HEIL, Dr Petra	Multi-scale characterisation of the Antarctic sea-ice response in a changing environment	4390	3	R										1	1	1		
SMITH, Dr Jodie	Shallow water bathymetric mapping using high-resolution multispectral satellite imagery	4392	5											1	1	1	1	1
MCLENNAN, Dr Stephanie (Steph)	Assessment of landscape vulnerability to human impacts in the Vestfold Hills, Prydz Bay	4393	4	R										1	1	1	1	
PAULL, Prof. Brett	Development and application of new highly sensitive low volume capillary ion chromatography techniques to deliver higher resolution ice core derived paleoclimatic records	4405	2											1	1			
FERRARI, A/Prof. Belinda	Atmospheric carbon fixation: a novel strategy driving niche development and climate adaptation in polar desert soils	4406	5											1	1	1	1	1
MEINERS, Dr Klaus	pack-ice zone	4408	3											1	1	1		
MEYLAN, A/Prof. Michael (Mike)	Autonomous sea ice observations of wave-ice interactions in the Marginal Ice Zone	4409	1											1				
MASSOM, Dr. Robert (Rob)	Ponds on Antarctic Sea Ice, and Their Linked Physical and Biological Importance	4410	1											1				
VANCE, Dr Tessa	IPICS 2k ice core array: Filling the climatological gap of the Indian Ocean sector from Wilhelm II	4414	5											1	1	1	1	1
VANCE, Dr Tessa: I	PICS 2k ice core array: Filling the climatological gap of the Indian Ocean sector from Wilhelm II Land	4414	5											1	1	1	1	1
NOBLE, Dr Taryn	Response of the Totten Glacier to past climate warming	4419	5											1	1	1	1	1
HOGG, A/Prof. Andrew (Andy)	A NEW APPROACH TO ICE MELTING RATES: DIRECT NUMERICAL SIMULATION	4422	2											1	1			
ETHERIDGE, Dr David	Reconstructing Carbon-14 of Carbon Monoxide to Constrain Long-Term Atmospheric Hydroxyl	4425	4											1	1	1	1	
SCHOFIELD, Dr Robyn	CAMMPCAN – Chemical and Mesoscale Mechanisms of Polar Cell Aerosol Nucleation	4431	5											1	1	1	1	1
BENNETTS, Dr Luke	Drift of the Antarctic ice edge	4434	3											1	1	1		
KING, Prof. Matthew	Totten Ice Dynamics and Evolution	4436	3											1	1	1		
JOURDAN, A/Prof. Fred	Age and origin of the magmatism along the transpressional Australian-Pacific plate boundary	4444	2											1	1			
MURPHY, Dr Damian	High-latitude gravity wave processes and their parameterization in climate models	4445	5											1	1	1	1	1
JOURDAN, A/Prof. Fred	The Kerguelen Large Igneous Province: dynamics of a pulsating mantle plume	4446	4											1	1	1	1	

REICHMAN, A/Prof. Suzanne (Suzie)	Using indigenous terrestrial micro-invertebrates to assess environmental impacts of soil	4450	5		1	1	1	1	1		
AITKEN, Dr Alan	Tectonics Erosion and Topography in East Antarctica.	4460	2		1	1					
NORMAN, Dr Robert	Monitoring of the Atmosphere over the Australian and Antarctic regions using GNSS radio occultation	4469	3		1	1	1				
RINTOUL, Dr Stephen (Steve)	Tracking the evolution of Southern Ocean variability and change	4479	7		1	1	1	1	1	1	1
CHOWN, Prof. Steven	Unveiling the terrestrial eukaryote diversity of Antarctica	4482	3		1	1	1				
HEIL, Dr Petra	Airborne sea-ice thickness: Synoptic spring-time assessment	4496	3					1		1	1
JOHNSON, Prof. Craig	Mapping, predicting and monitoring ecological change in the Southern Ocean	4501	5				1	1	1	1	1
SPEDDING, Mr Timothy (Tim)	Reducing Environmental Impacts at Contaminated Sites in Antarctica	4503	5				1	1	1	1	1
HEIL, Dr Petra	Observatory of East Antarctic near-surface atmosphere and cryosphere	4506	5	R			1	1	1	1	1
ROBERTS, Dr Jason	ICECAP - EAGLE	4511	2				1				
KAWAGUCHI, Dr So	Ensuring sustainable management of the krill fishery in waters off the Australian Antarctic	4512	4	R			1	1	1	1	
WATERMAN, Dr Melinda	Old-growth mosses as proxies for past Antarctic climates	4516	5			1	1	1	1	1	
EMMERSON, Dr Louise	outcomes for Antarctic breeding seabirds	4518	5	R			1	1	1	1	1
WHITTAKER, Dr Joanne (Jo)	Continental Shelf	4519	4				1	1	1	1	
BENNETTS, Dr Luke	A susceptibility index for ice shelf disintegration due to sea ice loss and swell impacts	4528	5				1	1	1	1	1
MOY, Dr Andrew	East Antarctic Synthesis of Ice cores (EASI) - Ice core records of continental, hemispheric and	4537	4				1	1	1	1	
LEA, Prof. Mary-Anne	implementation of an effective genetic monitoring approach in the Subantarctic	4538	3				1	1	1		
HOGG, A/Prof. Andrew (Andy)	Modelling Sea Ice at High Resolution	4541	3				1	1	1		
MEINERS, Dr Klaus	the spring transition	4546	5				1	1	1	1	1
		4547	5								
KING, Prof. Matthew	Long-term monitoring of solid Earth deformation and structure in East Antarctica						1	1	1	1	1
WILDE, Prof. Simon	Determining the Extent and Nature of the Oldest Crust in Antarctica	4548	5				1	1	1	1	1
DEWAR, Dr Meagan	Diseases of Antarctic Wildlife	4549	5				1	1	1	1	1
SUTER, Dr Leonie	Shaping the future use of environmental DNA (eDNA) in Southern Ocean ecosystem	4556	5				1	1	1	1	1
FRISIA, A/Prof. Silvia	Antarctic subglacial carbonates as archives of subglacial volcanism and Life in extreme	4558	2				1	1			
WIENECKE, Dr Barbara	Long term monitoring of status and trends of Emperor penguins and Southern giant petrels: a	4564	5				1	1	1	1	1
JABOUR, Dr Julia	Conservation Planning for Antarctic Stations	4565	2	R			1	1			
WHITTAKER, Dr Joanne (Jo)	Onset of the Antarctic Circumpolar Current	4567	4				1	1	1	1	
KEITH, Prof. David	Assessing risks to Antarctic terrestrial and nearshore ecosystems	4568	5				1	1	1	1	1
MORRISSEY, Dr Laura	The Rayner Complex, a hot piece in the Rodinia puzzle	4571	3				1	1	1		
GALTON-FENZI, Dr Benjamin (Ben)	State Estimate of East Antarctic Ice Shelves	4574	4				1		1	1	1
ZIEGLER, Dr Philippe	Assessment and monitoring of Australia's finfish fisheries in the Southern Ocean	4578	4				1	1	1	1	
RUFFOLO, Prof. David	Cosmic ray monitoring at Mawson and Kingston to study space weather and space physics	4580	5				1	1	1	1	1
WILSON, Prof. Christopher (Chris)	Microstructure and rheological changes in experimentally deformed ice from the Law Dome,	4581	5				1	1	1	1	1
CAREY, Dr Rebecca	The re-awakening of a mantle plume – the nature and petrogenesis of Neogene volcanism on the Central Kerguelen Plateau	4590	3				1	1	1		
		4591	4								
READING, Prof. Anya	Sediments and saturation at the ice sheet-bedrock interface zone from passive seismology						1	1	1	1	
GREENING, Dr Chris	Terrestrial microbial biodiversity in the Vestfold Hills: structure, drivers, and protection	4592	2					1			1
BABANIN, Prof. Alexander (Alex)	Metocean Dynamics of the Antarctic Marginal Ice Zone, Observations and Modelling, with End	4593	3				1	1	1		
CHOWN, Prof. Steven	A meta-analysis of genetic structure in Antarctic species to support conservation decision-	4597	2				1	1			
CAREY, Dr Rebecca	isotopic constraints to further test the deep-seated Balleny plume vs. tectonic reorganization	4598	3				1	1	1		
DOUBLE, Dr Michael (Mike)	Conservation and management of Australian and Antarctic whales – post-exploitation status,	4600	5				1	1	1	1	1
CHOWN, Prof. Steven	Securing Antarctica's Environmental Future (SAEF) - Casey 2021-22	4613	1	C					1		
CARLYON, Dr Kristan (Kris)	and management	4619	2							1	1
WHITMORE, Dr Ross	Towards a lighter touch: human impact assessments to support environmental stewardship	4620	2	R						1	1
		4622	2	R							
SPEDDING, Mr Timothy (Tim)	A Cleaner Antarctica									1	1
HEIL, Dr Petra	Ecosystem study [MINKE]	4625	2							1	1
GALTON-FENZI, Dr Benjamin (Ben)	Southern Ocean Sea Level Monitoring Network	4626	2							1	1
CHOWN, Prof. Steven	ARC SRIEAS SAEF: Securing Antarctica's Environmental Future - An Evidence-Based, Informatics	4628	2							1	1
THOMPSON, Dr Sarah	AAPP: The stability of the Denman Ice Shelf System	4629	2							1	1
KING, Prof. Matthew	Australian Centre for Excellence in Antarctic Science (ACEAS)	4630	2	C						1	1
HERRAIZ-BORREGUERO, Dr Laura	AAPP Denman Marine	4631	1	C							1
PEDRO, Dr Joel	Million Year Ice Core (MYIC)	4632	2							1	1
STARK, Dr Jonathan (Jonny)	BEAUT - Biodiversity of East Antarctica: Underwater and Terrestrial	4633	2							1	1
MEINERS, Dr Klaus	Coupled physical-biological processes in the Antarctic sea-ice zone during the melt season	4635	2							1	1
KAWAGUCHI, Dr So	Sustainable Management of Antarctic Krill and Conservation of the Krill-based Ecosystem	4636	2							1	1
MURPHY, Dr Damian	Davis Atmospheric Observatory	4637	2							1	1
SHADWICK, Dr Elizabeth	AAPP: Linking carbon cycling and water mass transformation in Prydz Bay	4640	2	C						1	1
BATHGATE, Mr Jonathan	Geoscience Australia’s Geodetic and Geophysical Monitoring Program	4642	2							1	1
BERGSTROM, Dr Dana	Antarctic Nearshore and Terrestrial Observing System - East Antarctica (East-ANTOS)	4644	2							1	1
HARDMAN, Mr David	UV monitoring	4646	2							1	1

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2	4	1986/87	FRASER, Prof. Brian	Propagation of PC1-2 Pulsations Across the Polar Cap
3	6	1986/87	JACKA (DECEASED), Dr. Fred	Upper Atmosphere Dynamics - Mawson
4	7	1986/87	YOUNG, Mr. Neal	Distribution, size and dissolution of Antarctic icebergs [observational]
5	12	1986/87	AYTON, Dr. Jeffrey (Jeff)	ANARE health register [observational]
6	13	1986/87	AYTON, Dr. Jeffrey (Jeff)	Human interaction with the antarctic environment
7	15	1986/87	MORGAN, Mr. Vincent (Vin)	Deep Ice Drilling on Law Dome
8	16	1986/87	MORRIS, Dr. Raymond (Ray)	Australia's Magnetospheric Research in Antarctica
9	18	1986/87	QUILTY, Prof. Patrick (Pat)	Origin of Krill-based Ecosystem
10	25	1986/87	BURNS, Dr. Gary	Vertical Electric Field
11	27	1986/87	DENNIS, Mr. Stewart	AGSO Geomagnetic Observatories [Projects 27 and 10 combined - Project No. 760 from 94/95 onwards]
12	29	1986/87	DULDIG, Dr. Marcus (Marc)	Variations of cosmic radiation [observational]
13	30	1986/87	HUMBLE, Dr. John	Low energy cosmic rays at Mawson [this project has been incorporated in #29 Variations of cosmic radiation from 2000-01 (DULDIG)]
14	39	1986/87	COLE, Prof. Keith	Hydroxyl Airglow and Mesospheric Temperatures
15	40	1986/87	WRIGHT, Dr. Simon	The role of antarctic marine protists in trophodynamics and global change and the impact of UV-B on these organisms
16	43	1986/87	BURNS, Dr. Gary	O(1S) Effective Lifetimes
17	46	1986/87	KERRY, Dr. Knowles	Development of an Automated Penguin Recording System and its Subsequent Use in the CCAMLR Ecosystem Monitoring Program
18	48	1986/87	SEPPELT, Prof. Rod	Biology of a Terrestrial Continental Antarctic Ecosystem: Adaptive Strategies and Physiological Ecology of Terrestrial and Aquatic Plants
19	61	1986/87	BURTON, Mr. Harry	Sulfur gas production by the alga 'Phaeocystis' in Antarctic waters
20	77	1986/87	SELKIRK, Dr. Patricia	Quaternary Vegetation History of Australian Subantarctic Islands
21	78	1986/87	SELKIRK, Dr. Patricia	Floristics, reproduction, dispersal, and genetic variation of subantarctic and antarctic bryophytes
22	79	1986/87	GOLDSWORTHY, A/Prof. Simon	Recovery of the Fur Seal Population at Macquarie Island
23	86	1986/87	QUILTY, Prof. Patrick (Pat)	Pliocene Vertebrate Palaeontology, Marine Plain, Vestfold Hills, Antarctica
24	89	1986/87	BURTON, Mr. Harry	Population monitoring and ecology of Weddell seals at the Vestfold Hills
25	97	1986/87	MULLER, Prof. Hans (Konrad)	Analysis of immunity in Antarctic expedition personnel (INCORPORATED IN PROJ #13 FROM 2001-02)
26	98	1986/87	GRAS, Dr. John	Antarctic and Southern Ocean atmospheric aerosol study
27	99	1986/87	ESSEX, Dr. Elizabeth	Satellite Signal Scintillations
28	102	1986/87	BEARDALL, Dr. John	Biology of Antarctic Algae
29	120	1986/87	ELLIS, Dr. David	Petrogenesis of Antarctic Charnockites and Evolution of the Earth's Early Crust
30	124	1986/87	ETHERIDGE, Dr. David	Concentration and isotopic measurements of radiatively important gases in the southern atmosphere [observational]
31	125	1986/87	GREENSLADE, Dr. Penelope	Terrestrial Invertebrates of Heard Island
32	126	1986/87	GREEN, Prof. David	Mafic Dykes and Shear Zones in the Vestfold Hills, East Antarctic Shield
33	143	1986/87	JAGO, A/Prof. James (Jim)	The Biostratigraphy of Middle and Late Cambrian Faunas of Northern Victoria Land, Antarctica
34	155	1986/87	VAN FRANEKER, Dr. Jan	Ecology of Antarctic fulmarine petrels
35	189	1986/87	ALLISON, Dr. Ian	The East Antarctic sea ice zone: characteristics and ocean- ice-atmosphere interaction
36	228	1986/87	QUILTY, Prof. Patrick (Pat)	Marine Geology of Surficial Sediments, Prydz Bay, Antarctica
37	239	1986/87	WILLIAMS, Dr. Richard (Dick)	Studies on the Fish of the Prydz Bay Region
38	240	1986/87	SHAUGHNESSY, Dr. Peter	Fur Seals at Heard Island, Abundance and Mother Pup Relations
39	242	1986/87	LENNON, Prof. Geof	Towards a Coordinated Program of Australian Antarctic Oceanography
40	276	1986/87	ADAMSON, Dr. Donald (Don)	Cainozoic History of the Bunger Hills Region: A Study of the Dynamic Interaction of Ice and Land
41	279	1986/87	ESSEX, Dr. Elizabeth	Satellite Beacon Studies of the Ionosphere in the Southern Auroral Region
42	291	1986/87	ALLISON, Dr. Ian	Satellite Glaciology
43	294	1986/87	BARTON, Dr. Charles	Location and Motion of the South Magnetic Pole
44	303	1986/87	BURNS, Dr. Gary	Equipment Run for Other Research Agencies
45	308	1986/87	BURTON, Mr. Harry	Physiological Tolerances of Some Antarctic Zooplanktons
46	310	1986/87	BURTON, Mr. Harry	Coring Analyses of Cores from Near Shore Sites in the Vestfold Hills
47	313	1986/87	BUTCHER, Dr. Eric	Oblique Propagation Ionosphere Studies
48	314	1986/87	CHAMALAUN, Dr. Francois	Geomagnetic Variations Studies on Kerquelen Island
49	318	1986/87	LU, Dr. Chung	A Survey of the Benthic Marine Invertebrates of Prydz Bay, Antarctica
50	326	1986/87	GORMLY, Dr. Peter	Gastrointestinal Disease & Hypothermia on Polar Field Work (Incorporated in Project 13 [Lugg] from 1989/90)
51	327	1986/87	ESSEX, Dr. Elizabeth	Radio Propagation Studies
52	328	1986/87	ETTERSHANK, Dr. George	Hormonal Control of Ecdysis in the Antarctic
53	332	1986/87	FRANCEY, Dr. Roger	Meridional and Seasonal Variations in the Stable Isotopes of Atmosphere CO2 [This project has been superceded by ASAC Project 124 - Francey, Pearman]
54	354	1986/87	HEATWOLE, Prof. Harold (Hal)	Ecological Relationships of Antarctic Tardigrades
55	357	1986/87	HIGGINBOTTOM, Mr. Ian	Hydroacoustic Determination of the Abundance and Distribution of Krill in the Region of Prydz Bay, Antarctica
56	365	1986/87	IKEDA, Dr. Tom	Abundance, Life Cycle and Potential Productivity of Euphasia superba in Prydz Bay
57	370	1986/87	DENHAM, Dr. David	Installation of a Long-Period Seismograph, Macquarie Island
58	371	1986/87	JOHNSTONE, Dr. Gavin	Availability of Food of Vertebrate Predators in Neritic Zone, Magnetic Island
59	372	1986/87	JOHNSTONE, Dr. Gavin	Population Dynamics of Breeding Colonies of Seabirds in the Davis Region
60	374	1986/87	JOHNSTONE, Dr. Gavin	Population Studies of Northern Giant Petrels and Wandering Albatross at Macquarie Island
61	241	1986/87	KIRKWOOD, Mr. John	The Zooplankton Ecology of Ellis Fjord
62	382	1986/87	LEES, Mr. Terry	The Sulphide Deposit at Caroline Cove, Macquarie Island
63	385	1986/87	LUNDQVIST, Prof. Jan	Till and Moraine Formation in Dry Areas
64	390	1986/87	MAHER, Dr. Williiam	Input of Anthropogenic Hydrocarbons to the Antarctic Environment
65	397	1986/87	MCCUE, Mr. Kevin	Monitoring of Earthquakes and Nuclear Explosions
66	400	1986/87	NICHOLLS, Dr. Ian	Genesis of Volcanic Rocks, Heard Island
67	402	1986/87	O'BRIEN, Mr. Domonic	Analysis of Swarming Behaviour in Antarctic Krill Using In Situ Observations
68	403	1986/87	O'DONNELL, Mr. Peter	IAGP Glaciology Support at Casey and Hinterland
69	411	1986/87	QUILTY, Prof. Patrick (Pat)	Palaeogene Bioistratigraphy, Heard Island
70	414	1986/87	QUILTY, Prof. Patrick (Pat)	Direct Measurement of Carbonate Compensation Depth (CCD) in Prydz Bay - an attempt to Measure Dissolution Rates of Calcite Blocks as a Guide to Identifying (CCD) in Prydz Bay
71	419	1986/87	ROBERTSON, Dr. Graham	Diet and Feeding Ecology of Emperor Penguins
72	423	1986/87	PETERSON, Dr. James (Jim)	Distribution and Dynamics of Vegetation in Relation to Natural Disturbance Factors, Heard and McDonald Islands
73	432	1986/87	STAHLE, Mr. Peter	Biological Survey of Prince Charles Mountains
74	435	1986/87	THOMAS, Mr. Paul	Spawning frequency and fecundity of the Antarctic neritic euphausiid, Euphausia crystallorophias
75	446	1986/87	WILLIAMS, Dr. Richard (Dick)	Taxonomy and Zoogeography of Fishes around Macquarie Island
76	449	1986/87	WILSON, Prof. Christopher (Chr	Tectonic and Metamorphic Evolution of the Bunger Hills Region
77	453	1986/87	WOOLLER, A/Prof. Ronald	Consistent Individuality of Voice in Antarctic Sea Birds
78	457	1986/87	YOUNG, Mr. Neal	The Dynamics of the Outlet Glaciers
79	461	1986/87	COCHRAN, Dr. Tonia	A Study of the Reproductive Biology of the Brooding Chiton Hemiarthrum Setulosum. Collection of Subantarctic Marine Invertebrates from Macquarie Island
80	663	1986/87	KLEINSCHMIDT, Dr. Georg	Shear Zones in the Bunger Hills, Antarctic Shield: Fabrics, Kinematics and Relations to History of Deformation and Metamorphism
81	2	1987/88	ALLISON, Dr Ian	Outlet Glacier Dynamics
82	3	1987/88	ALLISON, Dr Ian	Glaciology of the Hinterland of the Lambert Glacier Basin