

Australian Journal of Soil Research

Index to Volume 42

- Aarons S R, Hosseini H M, Dorling L, Gourley C J P Dung decomposition in temperate dairy pastures: II Contribution to plant-available soil phosphorus. 115
- Aarons S R, O'Connor C R, Gourley C J P Dung decomposition in temperate dairy pastures: I. Changes in soil chemical properties. 107
- Adamo P See Arienzo M *et al.* 49
- Ahmad R See Sarmah A K *et al.* 125
- Aislabie J, Hunter D, Ryburn J, Fraser R, Northcott G L, Di H J Atrazine mineralisation rates in New Zealand soils are affected by time since atrazine exposure. 783
- Alves M E, Lavorenti A Clay mineralogy effects on sodium fluoride pH of non-allophanic tropical soils. 865
- Angeloni J See Appleyard S *et al.* 579
- Appleyard S, Wong S, Willis-Jones B, Angeloni J, Watkins R Groundwater acidification caused by urban development in Perth, Western Australia: source, distribution, and implications for management. 579
- Arienzo M, Di Meo V, Adamo P, Violante P Investigation by electroultrafiltration on N and P distribution in Rhizosphere and bulk soil of field grown corn 49
- Arnold G See Hedley C B *et al.* 389
- Arshad M See Khalid A *et al.* 921
- Astrom M See Osterholm P *et al.* 547
- Bacchi O O S See Reichardt K *et al.* 283. See Pires L F *et al.* 857
- Banu N A, Singh B, Copeland L Soil microbial biomass and microbial biodiversity in some soils from New South Wales, Australia. 777
- Basher L R, Ross C W, Dando J L Effects of carrot growing on volcanic ash soils in the Ohakune area, New Zealand. 259
- Beale G See Summerell G K *et al.* 155
- Bedrossian S, Singh B Potassium adsorption characteristics and potassium forms in some New South Wales soils in relation to early senescence in cotton. 747
- Bhattacharyya P See Roy S *et al.* 339
- Bhattacharyya T See Naitam R *et al.* 181
- Birch G F See Snowdon R T *et al.* 329
- Black A S See Condon J R *et al.* 221
- Blair G J See Dorahy C G *et al.* 913
- Bolland MDA, Gilkes R J The systematic effect of soil P buffer capacity on Colwell soil P test v. plant response calibration exists only when field experiments are adjacent. 763
- Burkitt L L, Gourley C J P, Sale P W G Phosphorus auditing cannot account for all of the phosphorus fertiliser applied to different pasture soils 89
- Bush R T See Ward N J *et al.* 515, 509, 449
- Bush R T, Fyfe D M, Sullivan L A Occurrence and abundance of monosulfidic black ooze in coastal acid sulfate soil landscapes. 609
- Bush R T, McGrath R, Sullivan L A Occurrence of marcasite in an organic-rich Holocene estuarine mud. 617
- Bush R T, Sullivan L A, Fyfe D M, Johnston S G Redistribution of monosulfidic black oozes by floodwaters in a coastal acid sulfate soil floodplain. 603
- Cameron K C See Di H J *et al.* 927
- Carlin G D See Cook F J *et al.* 499
- Carlson W T See Elliott A H *et al.* 213
- Cattle S R See Field D J *et al.* 29
- Chakrabarti K See Roy S *et al.* 339
- Chan K Y See Milham P J *et al.* 799
- Chapman D F See Nash D M *et al.* 313
- Chattopadhyay N C See Roy S *et al.* 339
- Chen C R, Condron L M, Turner B L, Mahieu N, Davis M R, Xu Z H, Sherlock R R Mineralisation of soil orphosphosphate monoesters under pine seedlings and ryegrass. 189
- Clark M W, McConchie D M Development of acid sulfate soil in sub-aerially disposed dredge spoil at Fisherman Islands, Brisbane, Australia. 553
- Clemow L See Nash D M *et al.* 313
- Close M E See Su N *et al.* 9
- Clucas L M See McLaren R G *et al.* 459
- Collins D See Milham P J *et al.* 799
- Condon J R, Black A S, Conyers M K The role of N transformations in the formation of acidic subsurface layers in stock urine patches. 221
- Condron L M See Chen C R *et al.* 189. See Price S J *et al.* 767
- Conroy J P See Milham P J *et al.* 799
- Conyers M K See Condon J R *et al.* 221. See Milham P J *et al.* 799
- Cook F J, Dobos S K, Carlin G D, Millar G D Oxidation rate of pyrite in acid sulfate soils: *in situ* measurements and modelling. 499
- Copeland L See Banu N A *et al.* 777
- Coppock C See Fanning D S *et al.* 527
- Cowie B See Skjemstad J O *et al.* 79
- Curtin D, McCallum F M Biological and chemical assays to estimate nitrogen supplying power of soils with contrasting management histories. 737
- Dalal R C See Wang W J *et al.* 1875
- Dando J L See Basher L R *et al.* 259
- Daniels W L See Fanning D S *et al.* 527
- Davis M R See Chen C R *et al.* 189
- Demas S Y, Hall A M, Fanning D S, Rabenhorst M C, Dzantor E K Acid sulfate soils in dredged materials from tidal Pocomoke Sound in Somerset County, MD, USA. 537
- Dhillon K S See Dhillon S K *et al.* 247
- Dhillon S K, Dhillon K S Pools of selenium in some Indian soils at field capacity and submerged moisture regimes. 247
- Di H J See Aislabie J *et al.* 783
- Di H J, Cameron K C Effects of temperature and application rate of a nitrification inhibitor, dicyandiamide (DCD), on nitrification rate and microbial biomass in a grazed pasture soil. 927
- Di Meo V See Arienzo M *et al.* 49
- Dobos S K See Cook F J *et al.* 499
- Donn M J, Menzies N, Rasiah V Chemical characterisation of deep profile Ferrosols under sugarcane in wet tropical north Queensland. 69
- Dorahy C G, Rochester I J, Blair G J Response of field-grown cotton (*Gossypium hirsutum* L.) to phosphorus fertilisation on alkaline soils in eastern Australia. 913
- Dorling L See Aarons S R *et al.* 115
- Dourado-Neto D See Reichardt K *et al.* 283
- Dowling T I See Summerell G K *et al.* 155
- Drewry J J, Littlejohn R P, Paton R J, Singleton P L, Monaghan R M, Smith L C Dairy pasture responses to soil physical properties. 99

- Drewry J J, Paton R J, Monaghan R M Soil compaction and recovery cycle on a Southland dairy farm: implications for soil monitoring. 851
- Droogers P See Torabi M *et al.* 355
- Dzantor E K See Demas S Y *et al.* 537
- Eastwood C R See Hedley C B *et al.* 389
- Echevarria G See Massoura S *et al.* 933
- Elliott A H, Carlson W T Effects of sheep grazing episodes on sediment and nutrient loss in overland flow. 213
- Erkossa T, Stahr K, Gaiser T Participatory soil quality assessment: The case of smallholder farmers in Ethiopian highlands. 793
- Eynard A, Schumacher T E, Lindstrom M J, Malo D D, Kohl R A Wettability of soil aggregates from cultivated and uncultivated Ustolls and Usterts. 163
- Eyre B See Hossain S *et al.* 203
- Fabien J See Milham P J *et al.* 799
- Fanning D S See Demas S Y *et al.* 537
- Fanning D S, Coppock C, Orndorff Z W, Daniels W L, Rabenhorst M C Upland active acid sulfate soils from construction of new Stafford County, Virginia, USA, airport. 527
- Ferguson A J P See Ward N J *et al.* 449
- Field D J, Sullivan L A, Cattle S R, Koppi A J Comparison of four methods for liberating various aggregate fractions in Vertisols to study their morphology. 29
- Francis P S See Lambert D F *et al.* 709
- Fraser R See Aislabie J *et al.* 783
- Fyfe D M See Bush R T *et al.* 603, 609. See Ward N J *et al.* 449
- Gaiser T See Erkossa T *et al.* 793
- Gardner W K Changes in soils irrigated with saline groundwater containing excess bicarbonate. 825
- Gayci G See Kutuk C *et al.* 345
- Geesing D, Schmidhalter U Field calibration of a capacitance soil water probe in heterogeneous fields. 289
- Ghosh A K See Roy S *et al.* 339.
- Gilkes R J See Harper R J *et al.* 39. See Li J *et al.* 59. See Snars K E *et al.* 321. See Schaefer C E R *et al.* 401. See Yamaguchi T *et al.* 435. See Priyono J *et al.* 441. See Bolland M D A *et al.* 763.
- Glamore W, Indraratna B A two-stage decision support tool for restoring tidal flows to flood mitigation drains affected by acid sulfate soil: case study of Broughton Creek floodplain, New South Wales, Australia. 639
- Gore D B See Leishman M *et al.* 197
- Gourley C J P See Burkitt L L *et al.* 89. See Aarons S R *et al.* 107, 115
- Graham S, Wilson B R, Reid N, Jones H Scattered paddock trees, litter chemistry, and surface soil properties in pastures of the New England Tablelands, New South Wales. 905
- Grant C D See Groenevelt P H *et al.* 833
- Grayson R B See McKergow L A *et al.* 473, 485
- Groenevelt P H, Grant C D, Murray R S On water availability in saline soils. 833
- Hall A M See Demas S Y *et al.* 537
- Halliwell D J See Nash D M *et al.* 313
- Hannah M See Nash D M *et al.* 313
- Harper R J, Gilkes R J The effects of clay and sand additions on the strength of sandy topsoils. 39
- Hawke D J, Newman J Inventories and elemental accumulation in peat soils of forested seabird breeding islands, southern New Zealand. 45
- Hawkins C A See Milham P J *et al.* 799
- Hedley C B, Yule I J, Eastwood C R, Shepherd T G, Arnold G Rapid identification of soil textural and management zones using electromagnetic induction sensing of soils. 389
- Heiner D H See McKergow L A *et al.* 473, 485
- Hendry T See McLaren R G *et al.* 459
- Heng L K See Kutuk C *et al.* 345
- Hirst P See Johnston S G *et al.* 623
- Hoa N M, Trang T T T, Tinh T K Net N mineralisation in acid sulfate soils amended with different sources of organic matter, lime and urea. 685
- Holford P See Milham P J *et al.* 799
- Holz G K See Moroni M T *et al.* 719
- Hossain S, Eyre B, McConchie D M Dry season suspended sediment concentration and sedimentation in the Richmond River estuary, northern NSW, Australia. 203
- Hosseini H M See Aarons S R *et al.* 115
- Hughes J C See Moodley M *et al.* 273
- Hughes M See Rosicky M A *et al.* 587, 595
- Hughes M T See Leishman M *et al.* 197
- Humphris C S See Milham P J *et al.* 799
- Hunter D See Aislabie J *et al.* 783
- Igwe C A, Stahr K Water-stable aggregates of flooded Inceptisols from southeastern Nigeria in relation to mineralogy and chemical properties. 171
- Indraratna B See Glamore W *et al.* 639
- Istanbuluoglu A See Konukcu F *et al.* 1
- James T K See Muller K *et al.* 17
- Jinadasa K B P N See Milham P J *et al.* 799
- Johnston M A See Moodley M *et al.* 273
- Johnston S G See Bush R T *et al.* 603
- Johnston S G, Slavich P, Hirst P The acid flux dynamics of two artificial drains in acid sulfate soil backswamps on the Clarence River floodplain, Australia. 623
- Jones H See Graham S *et al.* 905
- Kaldor C J See Milham P J *et al.* 799
- Kar G, Singh R, Verma H N Spatial variability studies of soil hydro-physical properties using GIS for sustainable crop planning of a watershed of eastern India and its testing in a portion of rainfed rice area. 369
- Kelliher F M See Price S J *et al.* 767
- Khalid A, Tahir S, Arshad M, Zahir Z A Relative efficiency of rhizobacteria for auxin biosynthesis in rhizosphere and non-rhizosphere soils. 921
- Kinsela A S, Melville M D Mechanisms of acid sulfate soil oxidation and leaching under sugarcane cropping. 569
- Kocaman I See Konukcu F *et al.* 1
- Kohl R A See Eynard A *et al.* 163
- Konukcu F, Istanbuluoglu A, Kocaman I Determination of water content in drying soils: Incorporating transition from liquid phase to vapour phase. 1
- Kopittke P M, Menzies N Gypsum solubility in seawater, and its application to bauxite residue amelioration. 953
- Koppi A J See Field D J *et al.* 29
- Krull E S, Thompson C H, Skjemstad J O Chemistry, radiocarbon ages and development of a subtropical acid peat, Queensland, Australia. 411
- Kutuk C, Gayci G, Heng L K Effects of increasing salinity and ¹⁵N labelled urea levels on growth, N uptake and water use efficiency of young tomato plants. 345

- Lambert D F, Sherwood J, Francis P S The determination of urea in soil extracts and related samples — a review. 709
- Lancaster G See Lin C *et al.* 649
- Lavorenti A See Alves M E *et al.* 865
- Le Van H, Masuda T Physiological and biochemical studies on aluminum tolerance in pineapple. 699
- Leclerc-Cessac E See Massoura S *et al.* 933
- Leishman M, Hughes M T, Gore D B The effect of stormwater outlets on phosphorus in urban bushland soils: spatial and temporal changes and the relationship with invasive plants. 197
- Li J, Rate A W, Gilkes R J Silver ion desorption kinetics from iron oxides and soil organic matter: effect of adsorption period. 59
- Lima H N See Schaefer C E R *et al.* 401
- Lin C, Maddocks G, Lin J, Lancaster G, McConchie D M Acid neutralising capacity of two different bauxite residues (red mud) and their potential applications for treating acid sulfate water and soils. 649
- Lin J See Lin C *et al.* 649
- Lindstrom M J See Eynard A *et al.* 163
- Linh T B See Ren D T T *et al.* 693
- Littlejohn R P See Drewry J J *et al.* 99
- Maddocks G See Lin C *et al.* 649
- Maher C A, Sullivan L A, Ward N J Sample pre-treatment and the determination of some chemical properties of acid sulfate soil material. 667
- Mahieu N See Chen C R *et al.* 189
- Malo D D See Eynard A *et al.* 163
- Mao R See Su N *et al.* 9
- Massoura S, Echevarria G, Leclerc-Cessac E, Morel J-L Response of excluder, indicator and hyperaccumulator plants to nickel availability in soils. 933
- Masuda T See Le Van H *et al.* 699
- McCallum F M See Curtin D *et al.* 737
- McConchie D M See Hossain S *et al.* 203. See Clark M W *et al.* 553. See Lin C *et al.* 649
- McDowell R W The effectiveness of industrial by-products to stop phosphorous loss from a Pallic soil. 755
- McGrath R See Bush R T *et al.* 617
- McKergow L A, Prosser I P, Grayson R B, Heiner D H Performance of grass and rainforest riparian buffers in the wet tropics, Far North Queensland. 1. Riparian hydrology. 473. 2. Water Quality. 485
- McLaren R G, Clucas L M, Taylor M D, Hendry T Leaching of macronutrients and metals from undisturbed soils treated with metal-spiked sewage sludge. 2. Leaching of metals. 459
- Mello J W V See Schaefer C E R *et al.* 401
- Melville M D See Kinsela A S *et al.* 569
- van Mensvoort T See Tri L Q *et al.* 671
- Menzies N See Donn M J *et al.* 69. See Kopittke P M *et al.* 953
- Merdun H, Quisenberry V L Relating model parameters to basic soil properties 841. Simulation of water and solute transport with macro model in cecil loamy sand soil 939
- Milham P J, Jinadasa K B P N, Collins D, Hawkins C A, Nicholls P J, Wenzel R G, Kaldor C J, Senn A A, Humphris C S, Fabien J, Conyers M K, Chan K Y, Holford P, Conroy J P Modelling the effects of soil properties on the concentration of Cd extracted by 10 mM CaCl₂ from soils of the Sydney Basin. 799
- Millar G D See Cook F J *et al.* 499
- Minh N T N See Ren D T T *et al.* 693
- Monaghan R M See Drewry J J *et al.* 99, 851
- Moodley M, Johnston M A, Hughes J C, Tittshall L W The effects of a water treatment residue, lime, gypsum, and polyacrylamide on the water retention and hydraulic conductivity of two contrasting soils under field conditions in KwaZulu-Natal, South Africa. 273
- Moody P W See Wang W J *et al.* 875
- Morel J-L See Massoura S *et al.* 933
- Moroni M T, Smethurst P J, Holz G K Indices of soil nitrogen availability in five Tasmanian *Eucalyptus nitens* plantations. 719
- Morris S C See Pierce C G *et al.* 301
- Mukhopadhyay D, Sanyal S K Complexation and release isotherm of arsenic in arsenic-humic/fulvic equilibrium study. 815
- Muller K See Sarmah A K *et al.* 125
- Muller K, Trolove M, James T K, Rahman A Herbicide loss in runoff: effects of herbicide properties, slope and rainfall intensity. 17
- Murray R S See Groenevelt P H *et al.* 833
- Muyi K See Shikui D *et al.* 727
- Naitam R, Bhattacharyya T Quasi-equilibrium of organic carbon in shrink-swell soils of the sub-humid tropics in India under forest, horticulture, and agricultural systems. 181
- Nash D M, Hannah M, Clemow L, Halliwell D J, Chapman D F A field study of phosphorus mobilisation from commercial fertilisers. 313
- Newman J See Hawke D J *et al.* 45
- Nicholls P J See Milham P J *et al.* 799
- Northcott G L See Aislabie J *et al.* 783
- Noshadi M See Torabi M *et al.* 355
- O'Connor C R See Aarons S R *et al.* 107
- Oliveira J C M See Reichardt K *et al.* 283
- Orndorff Z W See Fanning D S *et al.* 527
- Osterholm P, Astrom M Quantification of current and future leaching of sulfur and metals from boreal acid sulfate soils, western Finland. 547
- Paton R J See Drewry J J *et al.* 99, 851
- Paul K I, Polglase P J Calibration of the RothC model to turnover of soil carbon under eucalypts and pines. 883
- Paz Becares J M See Reluy F V *et al.* 381
- Pierce C G, Morris S C Comparison of extraction techniques for measuring exchangeable cations in calcareous soils. 301
- Pires L F, Bacchi O O S, Reichardt K Damage to soil physical properties caused by soil sampler devices assessed by gamma ray computed tomography. 857
- Polglase P J See Paul K I *et al.* 883
- Price S J, Kelliher F M, Sherlock R R, Tate K R, Condon L M Environmental and chemical factors regulating methane oxidation in a New Zealand forest soil. 767
- Priyono J, Gilkes R J Dissolution of milled-silicate rock fertilisers in the soil. 441
- Prosser I P See McKergow L A *et al.* 473, 485
- Quisenberry V L See Merdun H *et al.* 841, 939
- Rabenhorst M C See Fanning D S *et al.* 527. See Demas S Y *et al.* 537
- Rahman A See Muller K *et al.* 17
- Rasiah V See Donn M J *et al.* 69
- Rate A W See Li J *et al.* 59
- Reichardt K See Pires L F *et al.* 857
- Reichardt K, Timm L C, Bacchi O O S, Oliveira J C M, Dourado-Neto D A parameterised equation to estimate soil hydraulic conductivity in the field. 283
- Reid N See Graham S *et al.* 905
- Reluy F V, Paz Becares J M, Zapata Hernandez R D, Sanchez Diaz J Development of an equation to relate electrical conductivity to soil and water salinity in a Mediterranean agricultural environment. 381

- Ren D T T, Tinh T K, Minh N T N, Linh T B Applying mixed manure and inorganic phosphorus fertilisers to improve rice yield on acid sulfate soil (Hydraquentic Sulfaquept). 693
- Rochester I J See Dorahy C G *et al.* 913
- Roper M M The isolation and characterisation of bacteria with the potential to degrade waxes that cause water repellency in sandy soils 427
- Rosicky M A, Sullivan L A, Slavich P G, Hughes M Factors contributing to the acid sulfate soil scalding process in the coastal floodplains of New South Wales, Australia. 587. Soil properties in and around acid sulfate soil scalds in the coastal floodplains of New South Wales, Australia. 595
- Ross C W See Basher L R *et al.* 259
- Roy S, Bhattacharyya P, Ghosh A K, Chakrabarti K, Chattopadhyay N C Influence of toxic metals on activity of acid and alkaline phosphatase enzymes in metal-contaminated landfill soils. 339
- Ruijun L See Shikui D *et al.* 727
- Ryburn J See Aislabie J *et al.* 783
- Ryder M H See Wakelin S A *et al.* 897
- Sale P W G See Burkitt L L *et al.* 89
- Salemi H R See Torabi M *et al.* 355
- Sanchez Diaz J See Reluy F V *et al.* 381
- Sanyal S K See Mukhopadhyay D *et al.* 815
- Sarmah A K, Muller K, Ahmad R Fate and behaviour of pesticides in the agroecosystem — A review with a New Zealand perspective. 125
- Schaefer C E R, Lima H N, Gilkes R J, Mello J W V Micromorphology and electron microprobe analysis of phosphorus and potassium forms of an Indian Black Earth (IBE) Anthrosol from Western Amazonia. 401
- Schmidhalter U See Geesing D *et al.* 289
- Schumacher T E See Eynard A *et al.* 163
- Senn A A See Milham P J *et al.* 799
- Shepherd T G See Hedley C B *et al.* 389
- Sherlock R R See Chen C R *et al.* 189. See Price S J *et al.* 767
- Sherwood J See Lambert D F *et al.* 709
- Shikui D, Ruijun L, Zizhi H, Muiy K, Yuan J Effects of nitrogen application rate on soil and plant characteristics in pastures of perennial grass mixtures in the alpine region of the Qinghai-Tibetan Plateau, China. 727
- Singh B See Bedrossian S *et al.* 747. See Banu N A *et al.* 777
- Singh R See Kar G *et al.* 369
- Singleton P L See Drewry J J *et al.* 99
- Skjemstad J O See Krull E S *et al.* 411
- Skjemstad J O, Spouncer L R, Cowie B, Swift R S Calibration of the Rothamsted organic carbon turnover model (RothC ver. 26.3), using measurable soil organic carbon pools. 79
- Slavich P See Johnston S G *et al.* 623. See Rosicky M A *et al.* 587, 595
- Smethurst P J See Moroni M T *et al.* 719
- Smiles D E, Smith C J A survey of the cation content of piggery effluents and some consequences of their use to irrigate soils. 231. Absorption of artificial piggery effluent by soil: A laboratory study. 961
- Smith C J See Smiles D E *et al.* 231, 961
- Smith J Chemical changes during oxidation of iron monosulfide-rich sediments. 659
- Smith L C See Drewry J J *et al.* 99
- Snars K E, Gilkes R J, Wong M T F The liming effect of bauxite processing residue (red mud) on sandy soils. 321
- Snowdon R T, Birch G F The nature and distribution of copper, lead and zinc in soils of a highly urbanised sub-catchment (Iron Cove) of Port Jackson, Sydney. 329
- Spouncer L R See Skjemstad J O *et al.* 79
- Stahr K See Igwe C A *et al.* 171. See Erkossa T *et al.* 793
- Su N, Watt J P C, Vincent K W, Close M E, Mao R Analysis of turbulent flow patterns of soil water under field conditions using Burgers equation and porous suction-cup samplers. 9
- Sullivan L A See Bush R T *et al.* 603, 609, 617. See Field D J *et al.* 29. See Maher C A *et al.* 667. See Rosicky M A *et al.* 587, 595. See Ward N J *et al.* 449, 509, 515
- Summerell G K, Dowling T I, Wild J A, Beale G FLAP UPNESS and its application for mapping seasonally wet to waterlogged soils. 155
- Swift R S See Skjemstad J O *et al.* 79. See Yamaguchi T *et al.* 435
- Tahir S See Khalid A *et al.* 921
- Takei T See Yamaguchi T *et al.* 435
- Tate K R See Price S J *et al.* 767
- Taylor M D See McLaren R G *et al.* 459
- Thompson C H See Krull E S *et al.* 411
- Timm L C See Reichardt K *et al.* 283
- Tinh T K See Hoa N M *et al.* 685. See Ren D T T *et al.* 693
- Titshall L W See Moodley M *et al.* 273
- Torabi M, Salemi H R, Droogers P, Noshadi M Integrated basin scale and field scale modelling as a tool to assess improved water and salinity management. 355
- Trang T T T See Hoa N M *et al.* 685
- Tri L Q, van Mensvoort T Decision trees for farm management on acid sulfate soils, Mekong Delta, Viet Nam. 671
- Trolove M See Muller K *et al.* 17
- Turner B L See Chen C R *et al.* 189
- Verma H N See Kar G *et al.* 369
- Vincent K W See Su N *et al.* 9
- Violante P See Arienzo M *et al.* 49
- Wakelin S A, Warren R A, Ryder M H Effect of soil properties on growth promotion of wheat by *Penicillium radicum*. 897
- Wang W J, Dalal R C, Moody P W Soil carbon sequestration and density distribution in a Vertisol under different farming practices. 875
- Ward N J See Maher C A *et al.* 667
- Ward N J, Sullivan L A, Bush R T Soil pH, oxygen availability and the rate of sulfide oxidation in acid sulfate soil materials: implications for environmental hazard assessment. 509. The response of partially oxidised acid sulfate soil materials to anoxia. 515
- Ward N J, Sullivan L A, Fyfe D M, Bush R T, Ferguson A J P The process of sulfide oxidation in some acid sulfate soil materials. 449
- Warren R A See Wakelin S A *et al.* 897
- Watkins R See Appleyard S *et al.* 579
- Watt J P C See Su N *et al.* 9
- Wenzel R G See Milham P J *et al.* 799
- Wild J A See Summerell G K *et al.* 155
- Willis-Jones B See Appleyard S *et al.* 579
- Wilson B R See Graham S *et al.* 905
- Wong M T F See Snars K E *et al.* 321. See Yamaguchi T *et al.* 435
- Wong S See Appleyard S *et al.* 579
- Xu Z H See Chen C R *et al.* 189

Yamaguchi T, Takei T, Yazawa Y, Wong MTF, Gilkes RJ, Swift R S Effect of humic acid, sodium, and calcium additions on the formation water-stable aggregates in West Australian wheatbelt soils. 435

Yazawa Y See Yamaguchi T *et al.* 435

Yuan J See Shikui D *et al.* 727

Yule I J See Hedley C B *et al.* 389

Zahir Z A See Khalid A *et al.* 921

Zapata Hernandez R D See Reluy F V *et al.* 381

Zizhi H See Shikui D *et al.* 727