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References:

- Alcock, S.E. Archaeology and imperialism: Roman Expansion and the Greek City, 87-135, *Journal of Mediterranean Archaeology* 2, 1989
- Alcock, S.E. Urban survey and the city of Phlius, 421-463, *Hesperia* 60-4, 1991
- Alcock, S.E. *Graecia Capta: The Landscapes of Roman Greece*, Cambridge 1993
- Alcock, S. E. Cherry, J.F. Davis, J.L. Intensive survey, Agricultural practice, and the Classical Landscape of Greece, 135-168, ed. I. Morris, *Classical Greece: Ancient Histories and modern Archaeologies*, Cambridge 1994
- Alcock, S.E. Osborne, R. eds. *Placing the Gods. Sanctuaries and sacred space in ancient Greece*, Oxford 1994
- Alcock, S. E. Cherry, J.F. Introduction, 1-9, eds. S.E. Alcock, J.F. Cherry, *Side-by-side survey: comparative regional studies in the Mediterranean World*, Oxford 2004
- Alcock, S.E. Cherry, J.F. eds. *Side-by-side survey: comparative regional studies in the Mediterranean World*, Oxford 2004
- Alcock S.E., Rempel, J.E. The More Unusual dots on the map: Special purpose sites and the texture of landscape, 27-46, eds. P. Guldager Bilde, V.F. Stolba, *Surveying the Greek Chora: The Black Sea Region in a Comparative Perspective*, Aarhus 2006
- Aleksova, B. Mango, C. Bargala: a preliminary report, 269-281, *Dumbarton Oaks Papers* 25, 1971
- Aleksova, B. Bargala i srednjo vek na Bregalnica, 61-71, *Glasnik na Institutot za Nacionalna Istorija* 3, 1983
- Aleksova, B. *Loca sanctorum macedoniae*, Skopje 1995
- Antoljak, S. *Srednovekovna Makedonija*, vol. I, Skopje 1985
- Attema, P. Two challenges for Landscape Archaeology, 18-26, eds. P. Attema et al, *New developments in Italian Landscape Archaeology*, Oxford 2002
- Attema, P.A.J. Burgers, G-J. L.M. van Leusen, P.M. *Regional Pathways to Complexity: settlement and land-use dynamics in early Italy, from the Bronze Age to the Republican Period*, Amsterdam 2010
- Arheološka Karta na Republika Makedonija*, volume 2, Skopje 1996
- Armstrong, P. Trade in the Eastern Mediterranean in the 8th century, 159-178, ed. M. Mango, *Byzantine Trade, 4th-12th century*, Ashgate Publishing 2009
- Babić, B. Mikulčić, I. Skopje-a prehistoric and Medieval fortress, 162-163, *Arheološki Pregled* 9, 1967
- Babić, B. Suli-an (Late Middle Ages-Ottoman Period), 163-164, *Arheološki Pregled* 9, 1967
- Babić, B. Trouvaille scellée de poterie de table Byzantine à Skopsko Kale 45-54, *Archaeologica Iugoslavica* 13, 1971
- Babić, B. Wann sind die ältesten Teile der mittelalterlichen Burg Kale in Skopje gebaut, 359-364; *Actes du VIIIe Congrès international des sciences pré et protohistorique*, Beograd 1971
- Babić, B. *Materijalnata kultura na makedonskite Sloveni, vo svetlina na arheoloskite iskopuvanja vo Prilep*, Prilep 1986
- Banaji, J. *Agrarian Change in Late Antiquity: Gold, Labour and Aristocratic Dominance*, Oxford 2001

- Barker, G. Approaches to Mediterranean Landscape History, 1-16; ed. G. Barker, *A Mediterranean Valley: Landscape archaeology and Annales History in the Biferno Valley*, Leicester 1995
- Basotova, M. A new veteran of the legion VII Claudia from the Colonia Flavia Scupi, 405-409, *Arheološki Vestnik* 58, 2007
- Bavant, B. Caričin Grad and the changes in the nature of urbanism in the central Balkans in the sixth century, 337-374, ed. A.G. Poulter, *The Transition to Late Antiquity on the Danube and Beyond*, Oxford 2007
- Beldedovski, Z. Bregalničkiot Bazen vo Rimskiot i Ranosrednovekoven Period, 9-41, *Zbornik na Štipskiot Narodен Muzej* VI, 1990
- Benac. A ed. *Praistorija Jugoslovenskih Zemalja*, vol.1-5, Sarajevo 1977-1989
- Bender, B. ed. *Landscapes, politics and perspectives*, Berg 1993
- Benesh, J. Zvelebil, M. A historical interactive landscape in the heart of Europe: the case of Bohemia, 73-93, eds. P. Ucko, R. Layton, *The archaeology and anthropology of landscape*, New York 1994
- Bes, P. Poblome, J. Bintliff J, Puzzling over pottery. Thespieae, Tanagra and methodological approaches towards surface pottery, 339-345, eds. D. Malfitana, J. Poblome, J. Lund, *Old pottery in a new century: Innovating perspectives on Roman Pottery Studies*, Ibam, National Museum of Denmark, Leuven, Icrates 2006
- Biagi, P. Spataro, M. New observations on the Radiocarbon Chronology of the Starčevo-Criș and Kőrös Cultures, 35-50, eds. L. Nikolova, J. Fritz, J. Higgins, *Prehistoric Archaeology & Anthropological Theory and Education. RPRP* 6-7, 2005
- Bilbija, M. Novi arheološki naodi od Skopje i okolinata, 134 -135, *Macedoniae Acta Archaeologica* 4, 1978
- Binford, L.R. Archaeology as Anthropology, 217-225, *American Antiquity* 28-2, 1962
- Binford, L.R. A Consideration of Archaeological Research Design, 425-441, *American Antiquity* 29-4, 1964
- Bintliff, J.L. Snodgrass A.M., The Cambridge/Bradford Boeotian Expedition: The first four years, 123-161, *Journal of Field Archaeology* 12, 1985
- Bintliff, J.L. Snodgrass, A.M. Mediterranean survey and the city, 57-71, *Antiquity* 62, 1988
- Bintliff, J. Snodgrass, A.M. Off-site pottery distributions: A regional and interregional perspective, 506-513, *Current Anthropology* 29-3, 1988
- Bintliff, J.L. ed. *The Annales School and Archaeology*, Leicester 1991
- Bintliff, J. Davis, B. et al, Trace metal accumulations in soils on and around ancient settlements in Greece, 9-24, ed. P. Spoerry, *Geoprospection in the Archaeological Landscape*, Oxford 1992
- Bintliff, J. Territorial behavior and the natural history of the Greek polis, 207-249, eds. E. Olshausen, H. Sonnabend, *Stuttgarter Kolloquium zur Historischen Geographie des Altertums*, Amsterdam 1994
- Bintliff, J.L. Archaeological survey of the Valley of the Muses and its significance for Boeotian history, 193-224, eds. A. Hurst, A Schachter, *La montagne des Muses*, Geneva 1996
- Bintliff, J. L. Regional Survey, Demography, and the Rise of Complex Societies in the Ancient Aegean: Core-Periphery, Neo-Malthusian, and other Interpretive Models, 1-38, *Journal of Field Archaeology* 24, 1997
- Bintliff, J.L. Further considerations on the population of ancient Boeotia, 231-252, ed. J. Bintliff, *Recent Developments in the History and Archaeology of Central Greece*, Oxford 1997

- Bintliff, J.L. Howard, P. Studying needles in haystacks-Surface Survey and Rural Landscapes of Central Greece in Roman Times, 51-91, *Pharos* 1999
- Bintliff, J. Howard, P. Snodgrass, A. The hidden landscape of prehistoric Greece, 139-168, *Journal of Mediterranean Archaeology* 12-2, 1999
- Bintliff, J.L. The Ottoman era in the context of long-term settlement history. A case-study: the archaeological survey of the Valley of the Muses, Boeotia, Central Greece, 203-229, *Arab Historical Review for Ottoman Studies* 19-20, 1999
- Bintliff, J. Settlement and territory, 505-545, ed. G. Barker, *Routledge Companion Encyclopedia of Archaeology*, London 1999
- Bintliff, J.L. et al, Deconstructing "the sense of place"? Settlement systems, field survey and the historic record: a case study from Central Greece, 123-149, *Proceedings of the Prehistoric Society* 66, 2000
- Bintliff, J. L. The concepts of 'site' and 'offsite' archaeology in surface artifacts survey, 200-215, eds. M. Pasquinucci, F. Trément *Non-Destructive Techniques Applied to Landscape Archaeology*, Oxford 2000
- Bintliff, J. Sbonias, K. Demographic and ceramic analysis in regional survey, 244-258, eds. R. Francovich, H. Patterson, *Extracting Meaning from Ploughsoil Assemblages*. Oxford 2000
- Bintliff, J. L. Going to market in Antiquity, 209-250, eds. E. Olshausen, H. Sonnabend, *Zu Wasser und zu Land*, Stuttgarter Kolloquium 7, Stuttgart 2002
- Bintliff, J. L. et al. Classical farms, hidden prehistoric landscapes and Greek rural survey: a response and an update, 259-265, *Journal of Mediterranean Archaeology* 15, 2002
- Bintliff, J. L. et al. The Tanagra project: investigations at an ancient city and its countryside (2000-2002), 541-606, *Bulletin de Correspondence Hellénique* 128-129, 2004-5
- Bintliff, J.L. Farinetti, E. Landscape and Early Farming: Settlement Dynamics in Central Greece, 665-674, *Geoarchaeology* 21, 2006
- Bintliff, J. The Leiden University Ancient Cities of Boeotia Project: 2005 season at Tanagra, 29-38, *Pharos* 13, 2006
- Bintliff, J.L. Slapšak, B. The Leiden-Ljubljana Ancient Cities of Boeotia Project: season 2006, 15-27, *Pharos* 14, 2007
- Bintliff, J. L. The contribution of regional survey to the Late Antiquity debate: Greece in its Mediterranean context, 649-678, ed. A.G. Poulter, *The Transition to Late Antiquity on the Danube and Beyond*, Oxford 2007
- Bintliff, J. Howard, P. Snodgrass, A. et al, *Testing the hinterland: the work of the Boeotia survey (1989-1991) in the southern approaches to the city of Thespiiai*, Cambridge 2007
- Bintliff, J.L. History and Continental Approaches, 147-164, eds. R. A. Bentley, H. D. Maschner, *Handbook of Archaeological Theories*, Altamira Press 2008
- Bintliff, J. Contemporary issues in surveying complex urban sites in the Mediterranean region: the example of the city of Thespiiai (Boeotia, Central Greece), 44-52, eds. F. Vermeulen et al, *Urban Landscape Survey in Italy and the Mediterranean*, Oxford 2012
- Bintliff, J. *The Complete Archaeology of Greece: From Hunter-gatherers to the 20th century AD*, Wiley-Blackwell 2012
- Blanton, R.E. Mediterranean myopia, 627-629, *Antiquity* 75, 2001
- Bogaard, A. The Nature of Early Farming in Central and Southeast Europe, 49-58, *Documenta Praehistorica XXXI* 2004

Bowden, H. Gill, D. Late Roman Methana, 84-91, eds. C. Mee, H. Forbes, *A rough and rocky place: The landscape and settlement history of the Methana Peninsula, Greece*, Liverpool 1997

Boyd, M.J. Geophysical survey and rural settlement architecture on the Lower Danube at the transition to Late Antiquity, 597-609, ed. A.G. Poulter, *The transition to Late Antiquity on the Lower Danube and Beyond*, Oxford 2007

Branigan, K. Late Neolithic Colonization of the Uplands of Eastern Crete, 57-65, ed. P. Halstead, *Neolithic society in Greece*, Sheffield 1999

Cavanagh, W.G. Hirst, S. Litton, C. Soil Phosphate, Site Boundaries and Change Point Analysis, 67-83, *Journal of Field Archaeology* 15, 1988

Cavanagh, W. Crouwel, J. The Survey Area in the Prehistoric Periods, 121-150, eds. W. Cavanagh, J. Crouwel, R.W.V. Catling, G. Shipley et al. *The Laconia Survey: Continuity and Change in a Greek Rural Landscape*, Volume I, London 2002

Cavanagh, W. Mee, C. and James, P. et al, *The Laconia Rural Sites Project*, Athens 2005

Caraher, W.R. Nakassis, D. Pettegrew, K.D. Siteless Survey and Intensive Data Collection in an Artifact-rich Environment: Case Studies from the Eastern Corinthia, Greece, 7-43, *Journal of Mediterranean Archaeology* 19-1, 2006

Carlton, R. An ethnoarchaeological study of pottery production on the Dalmatian island of Iž, 101-124, eds. J. Chapman et al. *Recent developments in Yugoslav Archaeology*, Oxford 1988

Catling, R.W.V. The Survey Area from the Early Iron Age to the Classical Period (1050-300), 151-256, W. Cavanagh, J. Crouwel, R.W.V. Catling, G. Shipley et al. *The Laconia Survey: Continuity and Change in a Greek Rural Landscape*, Volume I, London 2002

Chang, C. Tourtellote, P.A. Ethnoarchaeological survey of pastoral transhumance sites in the Grevena Region, Greece, 249-264, *Journal of Field Archaeology* 20-3, 1993

Chapman, J.C. The early Balkan village, 33-53, *Varia Archaeologica Hungarica* 2, 1989

Chapman, J. Shiel, R. Settlements, Soils and Societies in Dalmatia, 62-76, eds. G. Barker, J. Lloyd, *Roman Landscapes: Archaeological surveys in the Mediterranean Region*, London 1991

Chapman, J. "Rubbish dumps" or "Places of deposition": Neolithic and Copper Age settlements in Central and Eastern Europe, 347-362, ed. A. Ritchie, *Neolithic Orkney in its European Context*, Cambridge 2000

Chase-Dunn, C.K. Hall, T.D. *Rise and Demise: Comparing World – Systems*, Boulder 1997

Cherry, J. F. A Preliminary definition on site distribution on Melos, 16-23, eds. C. Renfrew, M. Wagstaff, *An Island Polity: the archaeology of exploitation on Melos*, Cambridge 1982

Cherry, J.F. Appendix A: register of archaeological sites on Melos, eds. C. Renfrew, M. Wagstaff, *An Island Polity: the archaeology of exploitation on Melos*, Cambridge 1982

Cherry, J.F. Frogs around the pond: Perspectives on current archaeological survey projects in the Mediterranean region, 383-417, eds. D. R. Keller, D.W. Rupp, *Archaeological Survey in the Mediterranean Area*, Oxford 1983

Cherry, J.F. et al, Archaeological survey in an artifact rich landscape: a Middle Neolithic example from Nemea, 159-176, *American Journal of Archaeology* 92-2, 1988

Cherry, J. F. et al, *Landscape archaeology as long-term history: northern Keos in the Cycladic Islands from earliest settlement until modern times*, Los Angeles 1991

- Curta, F. *The Making of the Slavs: History and Archaeology of the Lower Danube Region (c. 500-700)*, Cambridge 2001
- Cvijić, J. *Osnovi za Geologiju i Geografiju Južne Makedonije i Stare Srbije*, Beograd 1906
- Cvijić, J. *Balkansko Polustrovo i Južnoslovenske Zemlje*, I, Beograd 1918
- Čausidis, N. Novootkrieni docnoantički tvrđini na Skopska Crna Gora, 183-196, *Macedoniae Acta Archaeologica* 10, 1989
- Davies, S. Davis, J.L. eds. Between Venice and Istanbul: Colonial Landscapes in Early Modern Greece, *Hesperia Supplement* 40, 2007
- Davis, J. L. Are the landscapes of Greek prehistory hidden? 22-35, eds. S.E. Alcock, J.F. Cherry, *Side-by-side survey: comparative regional studies in the Mediterranean World*, Oxford 2004
- Dickinson, O. *The Aegean from Bronze Age to Iron Age, continuity and change between the 12th and 8th century BC*, London-New York 2006
- Dinčev, V. *Rimskite vili v dneshnata b'lgarska teritoria*, Sofia 1997
- Dinčev, V. Ranovizantiite kreposti v B'lgaria i s'sednite zemi, *Razkopki i proučvania* XXXV, 2006
- Dimitrioska, G. Grupa Docnorimski grobovi od Kamnik, 131-138, *Macedoniae Acta Archaeologica* 5, 1979
- Donev, D. Some observations on the northern frontier of the ancient Macedonian Kingdom, 29-63, *Macedonian Heritage* 26, 2005
- Dunn, A. The transition from polis to kastron in the Balkans (III-VII c): General and regional perspectives, 60-80, *Byzantine and modern Greek studies* 18, 1994
- Dunbar, R.I.M. Coevolution of Neo-cortex size, group size and language in humans, 681-735, *Behavioral and Brain Sciences* 16 (4), 1993
- Earle, T.K. Preucel, R. Processual Archaeology and the radical critique, 501-512, *Current Anthropology* 28-4 1987
- Erdoğu, B. *The Prehistoric Settlement of Eastern Thrace*, Oxford 2005
- Farinetti, E. *Boeotian landscapes: A GIS-based study for the reconstruction and interpretation of the archaeological datasets of ancient Boeotia*, Oxford 2011
- Fentress, E. What are we counting for? 44-52, eds. R. Francovich, H. Patterson *Extracting meaning from ploughsoil assemblages, The Archaeology of Mediterranean Landscapes* 5, Oxford 2000
- Filipović, M. Severna Veleška Sela, 489-573, *Srpski Etnografski Zbornik* XXIX, 1935
- Flannery, K. Empirical determination of Site Catchments in Oaxaca and Tehuacán, 103-116, ed. K. Flannery, *The Early Mesoamerican village*, New York 1976
- Flannery, K. ed. *The Early Mesoamerican village*, New York 1976
- Forbes, H. Turkish and modern Methana, 101-117, eds. C. Mee, H. Forbes, *A rough and rocky place: The landscape and settlement history of the Methana Peninsula, Greece*, Liverpool 1997
- Forbes, H. Lost souls: Ethnographic observations on manuring practices in a Mediterranean community, 159-172, ed. R. Jones, *Manure Matters: Historical, Archaeological and Ethnographic Perspectives*, Ashgate 2012

Forsen, B. Karivieri, A. The Roman-Early Modern Periods: conclusions, 307-331, eds. J. Forsen, B. Forsen, et al. *The Asea Valley Survey: An Arcadian Mountain Valley from the Paleolithic Period until Modern Times*, Stockholm 2003

Gallant, T.W. "Background noise" and site definition: A contribution to survey methodology, 403-418, *Journal of Field Archaeology* 13-4, 1986

Garašanin, M. Garašanin, D. Arheološka iskopavanja u selu Radanju, kod lokaliteta "Krivi Dol" 9-61, *Zbornik na Štipskiot Narodni Muzej* I, 1959

Garašanin, M. Contributions à la chronologie de l'âge du fer en Macédoine, 173-186, *Živa Antika* X 1-2, 1960

Garašanin, M. Garašanin, D. Arheološke beleške sa rekognosciranja u Istočnoj Makedoniji, 69-95, *Zbornik na Štipskiot Narodni Muzej* II, 1961

Garašanin, M. Garašanin, D. Iskopavanja na mogilata Krst, kaj selo Tarinci, 65-69, *Zbornik na Štipskiot Narodni Muzej* II, 1961

Garašanin, M. Spasovska, G. Novi Iskopavanja vo Zelenikovo kaj Skopje, 85-117, *Macedoniae Acta Archaeologica* 1, 1976

Garašanin, M. Centralnobalkanska zona, 82-106, ed. A. Benac *Praistorija Jugoslovenskih Zemalja vol. II*, Sarajevo 1979

Garašanin, M. The Stone Age in the Central Balkan Area, 75-186, *Cambridge Ancient History*, volume III, Cambridge 1983

Georgiev, D. Šerif, A. *Turski dokumenti za istorijata na makedonskiot narod*, Skopje 1994

Georgiev, Z. Karakterot i značenjeto na vongrobnite naodi vo južnopovardarskite nekropoli od Železno Vreme, 37-53, *Macedoniae Acta Archaeologica* 6, 1980

Georgiev, Z. Praistoriski naodi od Kočani i prašanje na ramnite nekropoli po Bregalnica, 65-79, *Godišen Zbornik na Filozofski Fakultet* 7, 1981

Georgiev, Z. Tri pred-rimski naselbi kraj Pčinja, 91-101, *Godišen Zbornik na Filozofski Fakultet* 17-18, 1990-1991

Georgiev, Z. Basarabi stilot i Makedonija, 81-96, *Macedoniae Acta Archaeologica* 13, 1992

Georgievski, B. The ancient road Scupi-Stobi after the Tabula Peutingeriana, 117-134, *Macedoniae Acta Archaeologica* 12 1991

Georgievski, B. Praistoriski gradišta od kumanovsko, 51-68, *Macedoniae Acta Archaeologica* 13, 1992

Gimbutas, M. et al. *Neolithic Macedonia*, volume I, Los Angeles 1976

Given, M. Mapping and manuring: Can we compare shards density figures? 13-21, eds. S.E. Alcock, J.F. Cherry, *Side-by-side survey: comparative regional studies in the Mediterranean World*, Oxford 2004

Gkiasta, M. *The Historiography of Landscape Research on Crete*, Leiden 2008

Godja, M. ed. *Archaeology, Ancient Landscape, Settlement dynamics and Non-destructive Archaeology*, 2004

Goodchild, H. *Modeling Roman Agricultural Production in the Middle Tiber Valley, Central Italy*, unpublished PhD thesis, 2007

Grammenos, D. ed. *Recent research in the prehistory of the Balkans*, Thessalonica-Athens 2003

Gregory, T.E. Less is better: the quality of ceramic evidence from archaeological survey and practical proposals for low-impact survey in a Mediterranean context, 15-35, eds. E.F. Athanassopoulos, L-A. Wandsnider, *Mediterranean Archaeological Landscapes: current issues*, Philadelphia 2004

Grozdanova, V.B. *Spomenici od Helenističkog Perioda vo S.R. Makedonija*, Skopje 1987

Grujić, R. Gusari na Svetoj Gori i Hilendarski pirg Hrusija od XII-XIV veka, 1-32, *Glasnik Skopskoga Naučnoga Društva* XIV, 1934

Grujić, R. Pološko-tetovska eparhija i grad Lješek, *Glasnik Skopskoga Naučnoga Društva* d.n. XII, 1933

Đidrova, L. Heraklea Lyncestis; problem na hronologija i interpretacija, 269-291, *Macedonia Acta Arhaeologica* 15, 1999

Jameson, M.H. et al, *A Greek Countryside: The southern Argolide from Prehistory to present day*, Stanford 1994

Hađi-Pešić, M. B. *Keramika u Srednovekovnoj Srbiji*, Belgrade 1981

Halstead, P. Traditional and ancient rural economy in Mediterranean Europe: plus ça change? 77-87, *Journal of Hellenic Studies* 107, 1987

Halstead, P. ed. *Neolithic society in Greece*, Sheffield 1999

Hammond, N.G. Griffith, T.G. *A history of Macedonia*, vol. II, Oxford 1979

Hänsel, B. Kastanas. Die Grabung der Baubefund, *Prähistorische Archäologie im Südosteuropa*, Band 7-2, Berlin 1989

Harding, A.F. *European Societies in the Bronze Age*, Cambridge 2000

Heurtely, W. *Prehistoric Macedonia*, Oxford 1939

Howard, P. Spatial analysis of Boeotia field-walking survey data, 111-128, eds. J. Bintliff, P. Howard, A. Snodgrass, *Testing the hinterland: the work of the Boeotia survey (1989-1991) in the southern approaches to the city of Thespiiai*, Cambridge 2007

Hochstetter, A. Kastanas: die Handgemachte Keramik, *Prähistorische Archäologie im Südosteuropa*, Band 3, Berlin 1984

Holt-Jensen, A. *Geography: History and Concepts*, London 1999

Hope-Simpson, R. *Mycenaean Greece*, Noyes Publishers 1981

Horden, P. Purcell, N. *The Corrupting Sea: A study of Mediterranean history*, Oxford 2000

Janakievski, T. *Docnoantička mikrostanbena celina nad teatarot vo Heraclea Lyncestis*, Bitola 2001

Josifovska, B. Prilog lokalizovanja grada Argosa u Peoniji, 117-136, *Živa Antika* XV, 1964

Josifovska-Dragojević, B. Izveštaj za arheološkoto rekognosciranje po dolinata na Sreden Vader, 106-127, *Zbornik na Arheološkiot Muzej* IV-V, 1966

Josifovska-Dragojević, B. *Inscriptions de la Mésie supérieure, Regions de Skopje et Kumanovo*, vol. VI, Belgrade 1982

Jovanova, L. Mihailova, D. Skupi-Istočna nekropola, 203-248, *Macedoniae Acta Archaeologica* 15, 1999

Jovanova, L. Two Latin inscriptions from the village Kučeviška Bara, near Skopje 69-84, *Macedonian Heritage* 9-24, 2005

Jovanova, L. Skupi-Colonia Flavia Scupinorum: topografija i urbanistička struktura na gradot od I do III vek, 197-222, *Macedonia Acta Arhaeologica* 18, 2008

Jovanović, P.S. Reljef Skopske Kotline, 62-116, *Glasnik Skopskoga Naučnoga Društva* X, Skopje 1931

Kalamagdeska-Mihailova, D. Late Antique AREA MACERIA CINCTA from Novo Selo-Zelenikovo 23-28, *Macedonian Heritage* 20, 2002

Karpuzova, S. Pecovska, N.P. Iskopivanje vo selo Korešnica-Demir Kapija, 77-86, *Macedoniae Acta Archaeologica* 14, 1996

Keller, D. R. Rupp D.W. eds. *Archaeological Survey in the Meiterranean Area*, Oxford 1983

Kepeski, K. Villa Rustica vo Pešterica kaj Prilep, 143-156, *Macedoniae Acta Archaeologica* 2, 1976

Keramitčiev, A. Beleški od rekognosciranjata vo strumičkiot basen i po dolinata na Vardar, 115, *Zbornik na Arheoloshki Muzej* III, 1961

Keramitčiev, A. Edna docnorimska grobnica od s. Pobužje, skopsko 143-148, *Živa Antika* 13/14, 1964

Keramitčiev, A. Za staroto rudarstvo vo Mariovo I, 89-104, *Macedoniae Acta Archaeologica* 2, 1976

Keramitčiev, A. Za staroto rudarstvo vo Mariovo II, 67-81, *Macedoniae Acta Archaeologica* 4, 1978

Knapp, A.B. ed. *Archaeology, Annales and Ethnohistory*, Cambridge 1992

Kondijanov, J. ed. *Numismatic collection of the National Bank of the Republic of Macedonia*, Skopje 1999

Koračević, D. Praistoriski naod od Brazda, 57-65, *Macedoniae Acta Archaeologica* 3, 1977

Koračević, D. *Skupi- gradska teritorija*, Skopje 2004

Kosso, C. *The archaeology of public policy in Late Roman Greece*, Oxford 2003

Kotsakis, K. What tells can tell – social space and settlement in the Greek Neolithic, 66-76, ed. P. Halstead, *Neolithic society in Greece*, Sheffield 1999

Kuna, M. Zvelebil, M. Foster, P. Dreslerová, D. Field survey and landscape archaeology research design: methodology of a regional field survey in Bohemia, 110-130, *Památky Archeologické* LXXXIV-2, 1995

Kuna, M. Method of surface artifact survey, 77-83, ed. E. Neustupný, *Space in Prehistoric Bohemia*, Prague 1998

Kuna, M. Surface artifact studies in the Czech Republic 29-44, eds. J. Bintliff, M. Kuna, N. Venclová, *The future of archaeological field survey in Europe*, Sheffield 2000

Lavan, L. ed. Recent research in Late Antique urbanism, *Journal of Roman Archaeology* supplement 42, 2001

Lehmann, H. Die Siedlungsraeume Ostkretas, 212-238, *Geographische Zeitschrift* 45, 1939

Liebeschuetz, J.H.W.G. The Lower Danube under pressure: from Valens to Heraclius, 101-134, ed. A.G. Poulter, *The Transition to Late Antiquity on the Danube and Beyond*, Oxford 2007

Lilčić, V. Markov Grad, Matka; ukrepen srednovekoven manastir, 268-280, *Istorija* 19-2, 1983

Lilčić, V. Ranohristijanska zasvedena grobnica kaj s. Orman, 143-146, *Macedoniae Acta Archaeologica* 7-8, 1987

Lilčić, V. Docnežnoantičkite tvrdini vo Tikveš i Vitačevo, 115-136, *Godišen Zbornik na Filozofskiot Fakultet* 41-42, 1988-89

Lilčić, V. *Antička gradežna keramika vo R. Makedonija*, Skopje 1996

Lilčić, V. The canyon of Matka, 47-59, *Macedonian Heritage* 3, 1997

Lilčić, V. Fauces Pelagoniae, 4-50, *Macedonian Heritage* IV, 1997

Lilčić, V. Late Antique communications and fortification in the Mid-Vardar Region, 13-53, *Macedonian Heritage* 7, 1998

Lilčić, V. *Makedonskiot kamen za bogovite, Hristijanite i za život po životot*, volumes I and II, Skopje 2001

Livy, *The dawn of the Roman Empire*, book 31-40, translated by J.C. Yardley, Oxford 2000

Lloyd, J. Barker, G. Rural settlement in ancient Molise: problems of archaeological survey, 289-304, eds. G.W. Barker, R.A. Hodges, *Archaeology and Italian society: Prehistoric, Roman and Medieval studies*, Oxford 1981

Luković, M. Tektonika i geološka istorija skopskog bazena, 4-55, *Glasnik Skopskoga Naučnoga Društva* X, 1931

Maneva, E. *Nekolku Tipovi i Formi na Elinistička i Rimska keramika od Herakleja*, Bitola 1979

Maneva, E. *Srednovekoven Nakit vo Makedonija*, Skopje 1992

McInerney, J. Sacred land and the margins of the community, 33-59; eds. R. Rosen, I. Sluiter, *City, countryside, and the spatial organization of value in Classical Antiquity*, Leiden-Boston, 2006

McKay, A.G. *Houses, villas and palaces in the Roman World*, London 1975

Mee, C. Forbes, H. Survey Methodology, 33-41, eds. C. Mee, H. Forbes, *A rough and rocky place: The landscape and settlement history of the Methana Peninsula, Greece*, Liverpool 1997

Mee, C. Forbes, H. eds. *A rough and rocky place: the landscape and settlement history of Methana Peninsula, Greece*, Liverpool 1997

Metcalf, M.D. Avar and Slav invasions into the Balkan Peninsula (c. 575-625): The nature of numismatic evidence, 140-148, *Journal of Roman Archaeology* 4, 1991

Mikulčić, I. Izveštaj sa probnog iskopavanja halštatske nekropole kod s. Star Karaorman 95-112, *Zbornik na Štipskiot Narodni Muzej* I, 1959

Mikulčić, I. Iliro-Arhajski grobovi is okoline Štipa 197-209, *Starinar* XIII-XIV, 1965

Mikulčić, I. *Pelagonija u svetlosti arheoloških nalaza*, Beograd-Skopje 1966

Mikulčić, I. Jovanović, M. Helenistički opidum u Krševici, kod Vranja, 355-375, *Vranjski Glasnik* IV, 1968

Mikulčić, I. Nepoznat antički grad kaj s. Mojno, *Godišen Zbornik na Filozofskiot Fakultet* 22, 1970

- Mikulčić, I. Edna antička villa rustica vo Tikveš, 269-285, *Godišen Zbornik na Filozofski Fakultet* 23, 1971
- Mikulčić, I. Teritorija Skupa, 463-480, *Živa Antika* 21, 1971
- Mikulčić, I. From the topography of Scupi, 29-35, *Archaeologica Iugoslavica* XIV, 1973
- Mikulčić, I. Docnorimski grobovi od Skupi, 109-143, *Godišen Zbornik na Filozofski Fakultet* 26, 1974
- Mikulčić, I. Topografija na Eudarist, 173-197, *Macedoniae Acta Archaeologica* 1, 1975
- Mikulčić, I. Ranorimski skeletni grobovi iz Skupa, 89-102, *Starinar* XXIV-XXV, 1975
- Mikulčić, I. Ubikacija na Bila Zora, 147-165, *Godišen Zbornik na Filozofski Fakultet* 2, 1976
- Mikulčić, I. Sectio Naissus-Dyrrachion-Scupis-Thessalonike, *Tabula Imerii Romani*, K-34, Ljubljana 1976
- Mikulčić, I. Nikuljska, N. Markovi Kuli-Vodno, kaj Skopje, 65-74, *Macedoniae Acta Archaeologica* 5, 1979
- Mikulčić, I. Neilirski elementi medju skupskim nalazima na prelazu iz predrimskog u Rimsko Doba, 245-258, *Sahranjivanje kod Ilira* (a symposium), Beograd 1979
- Mikulčić, I. Tragi od ranohristijanski baziliki okolu Skopje, 97-123, *Godišen Zbornik na Filozofski Fakultet*, 33, 1981
- Mikulčić, I. Some new factors in the history of Stobi, 205-229, eds. J. Wiseman, B. Aleksova, *Studies in the Antiquities of Stobi*, vol. III, T. Veles, 1981
- Mikulčić, I. Bilbia, M. Markovi Kuli, Vodno, Skopje, 1977-1980, 205-220, *Macedoniae Acta Archaeologica* 7-8, 1981-1982
- Mikulčić, I. *Staro Skopje so okolnite tvrdini*, Skopje 1982
- Mikulčić, I. Problemot na Antigonea, 111-135, *Godišen Zbornik na Filozofski Fakultet* 11, 1983
- Mikulčić, I. Stobi vo pred-rimsko vreme, 101-117, *Godišen Zbornik na Filozofski Fakultet* 13, 1985
- Mikulčić, I. Frühchristlicher Kirchenbau in der S.R. Makedonien, 221-251, *Corso di cultura sull'arte ravennate et bizantina* XXXIII, Ravenna 1986;
- Mikulčić, I. Topografija na Stenae-Prosek-Demir Kapija, 65-78, *Godišen Zbornik na Filozofski Fakultet* 15, 1988-1989
- Mikulčić, I. Sokolovska, V. Grobnicata vo Brazda, kaj Skopje, 79-92, *Macedoniae Acta Archaeologica* 11, 1990
- Mikulčić, I. *Srednovekovni Gradovi vo Makedonija*, Skopje 1996
- Mikulčić, I. *Antički Gradovi vo Makedonija*, Skopje 1999
- Mikulčić, I. *Spätantike und frühbyzantinische Befestigungen in Nordmakedonien*, Munich 2002
- Mikulčić, I. *Stobi, an ancient city*, Skopje 2003
- Milinković, M. Stadt oder "Stadt": Frühbyzantinische Siedlungsstrukturen im nördlichen Illyricum, 159-192, ed. J. Henning, *Post-Roman towns, trade and settlement in Europe and Byzantium* vol. 2, Berlin 2007
- Miljković-Peppek, P. Crkvata Sv. Spas vo Kučevište, 417-421, eds. V. Mošin, *Spomenici za srednovekovnata i ponovata istorija na Makedonija*, volume 1, Skopje 1975
- Millett, M. Pottery: population or supply pattern? The Ager Tarraconensis approach, 18-26, eds. G. Barker, J. Lloyd, *Roman Landscapes: Archaeological surveys in the Mediterranean Region*, London 1991

- Millett, M. Dating, quantifying and utilizing pottery assemblages from surface survey, 53-59, eds. R. Franovich, H. Patterson, *Extracting meaning from ploughsoil assemblages, The Archaeology of Mediterranean Landscapes* 5, Oxford 2000
- Minić, D. Prilog datovanju srednjovekovne keramike iz Kruševca, 43-49, *Starinar* XXX, 1980
- Mitreviski, D. Prilog kon poznavanjeto na Donovardarskata-Paionska grupa na Železnoto Vreme, 145-159, *Macedoniae Acta Arhaeologica* 12, 1990-1991
- Mitreviski, D. Praistoriska nekropola Klučka-Hipodrom kaj Skopje, 61-89, *Zbornik na Arheološki Muzej* 1, 1995
- Mitreviski, D. On the Hellenization process of the Iron Age culture in Macedonia, or on the early contacts between Macedonia and the Aegean regions, 191-203, *Thracia* 11, 1995
- Mitreviski D. *Protoistoriskite Zaednici vo Makedonija preku pogrebuvanjeto i pogrebnite običaji*, Skopje 1997
- Mitreviski, D. New aspects on the Bronze Age sites on the northern periphery of the Mycenaean World, 449-457, ed. B. Hänsel, *Man and environment in the European Bronze Age*, Kiel 1998
- Mitreviski, D. Prehistory in FYRO Macedonia, 13-73, ed. D.V. Grammenos, *Recent research in the prehistory of the Balkans*, Thessalonica-Athens 2003
- Mitreviski D. et al, *Vardarski Rid* vol.I, Skopje 2004
- Mócsy, A. *Pannonia and Upper Moesia*, London 1972
- Morris, I. *Burial and Ancient Society: the rise of the Greek city-state*, Cambridge 1987
- Morris, I. Archaeologies of Greece, 8-48, ed. I. Morris, *Classical Greece: Ancient Histories and Modern Archaeologies*, Cambridge 1994
- Mošin, V. et al. Gramoti na manastiroi Sv. Gorgi-Gorg Skopski, 181-209, eds. V. Mošin et al. *Spomenici za srednovekovnata i ponovata istorija na Makedonija*, vol 1, Skopje 1975
- Mošin, V. et al. *Spomenici za srednovekovnata i ponovata istorija na Makedonija*, volumes I and II, Skopje 1975, 1977
- Mulvin, L. Late Roman villa plans: the Danube-Balkan Region, 377-413, eds. W. Bowden, L. Lavan, C. Machado, *Recent research on the Late Antique countryside*, Leiden 2004
- Neustupný, E. The transformation of community areas into settlement areas, 45-61, ed. E. Neustupný, *Space in Prehistoric Bohemia*, Prague 1998
- Neustupný, E. ed. *Space in Prehistoric Bohemia*, Prague 1998
- Nikolova, E. Stobi-zapadna nekropola, 247-270, *Macedonia Acta Arhaeologica* 18, 2008
- Nikolovska, S. Izgradeni i obnoveni manastiri i crkvi od kralot Milutin, 509-519, eds. V. Mošin et al, *Spomenici za srednovekovnata i ponovata istorija na Makedonija*, vol. 2, 1977
- Novaković, P. Detecting territoriality and social structure in the Bronze and Iron Ages. GIS and the hillforts in the Kras region, 101-115, ed. B. Slapšak, *On the Good Use of Geographic Information Systems in Archaeological Landscape Studies, COST Action G2, Ancient Landscapes and Rural Structures*, 2001
- Orton, C. Hodder, I. *Spatial analysis in archaeology*, Cambridge 1976
- Orton, D. Herding, Settlement and Chronology in the Balkan Neolithic, 5-40, *European Journal of Archaeology* 15-1 2012
- Osborne, R. Demography and survey, 63-72, eds. J.F. Cherry, S.E. Alcock, *Side – by – side survey: comparative regional studies in the Mediterranean World*, Oxford 2004

Osnovna Geološka Karta S.F.R. Jugoslavije, 1:100 000, sekcija K34-55, Uroševac, Belgrade 1984

Ostrogorsky, G. *History of the Byzantine State*, 1957

Papazoglu, F. *Srednjobalkanska plemena u pred-Rimsko doba*, Sarajevo 1969

Papazoglu, F. Istoriski prilici: Lihnid vo vremeto na ranoto Carstvo, 101-113, *Ohrid i ohridsko niz istorijata*, Skopje 1985

Papazoglu, F. Les villes de Macédoine à l'époque romaine, *Bulletin de Correspondence Hellénique* Supplement XVI, 1988

Papazovska-Sanev, A. *Keramika od Železnoto Vreme po dolinata na Vardar*, unpublished MA thesis, 2006

Pašić, R. Gradište kao tip naselja u Skopskoj Kotlini, 145-153, *Materijali: Naseljavanje i naselja u praistoriji, X kongres arheologa Jugoslavije*, Prilep 1976

Peña, J.T. *Roman Pottery in the Archaeological Record*, Berkeley 2007

Perlès, C. The distribution of Magoules in Eastern Thessaly, 42-56, ed. P. Halstead, *Neolithic society in Greece*, Sheffield 1999

Perlès, C. *The early Neolithic in Greece: the first farming communities in Europe*, Cambridge 2001

Petački, D. Dabici-nekropola od postaro Železno Vreme, 71-73, *Arheološki Pregled* 26, 1986

Petački, D. A complex of Late Antique vaulted tomb chambers from Veles, 79-88, *Macedonian Heritage* 5, 1997

Petrova, E. *Paeonia*, Skopje 1999

Pettegrew, D.K. Chasing the Classical farmstead: assessing the formation and signature of rural settlement in Greek landscape archaeology, 189-209, *Journal of Mediterranean Archaeology* 14, 2001

Pettegrew, D.K. The Busy Countryside of Late Roman Corinth, 743-784, *Hesperia* 76, 2007

Popović, V. Aux origines de la slavisation des Balkans, 230-257, *Comptes rendu des séances de Académie des inscriptions et belles lettres* 1, 1980

Potter, T.W. *The Changing Landscape of South Etruria*, New York 1979

Poulter, A.G. The Roman to Byzantine transition in the Balkans: preliminary report on Nicopolis and its hinterland, 347-358, *Journal of Roman Studies* 13, 1999

Poulter, A.G. Cataclysm on the Lower Danube: The destruction of a complex Roman landscape, 223-254, ed. N. Christie, *Landscapes of change: Rural evolutions in Late Antiquity and the Early Middle Ages*, Ashgate 2004

Poulter, A. G. The transition to Late Antiquity, 1-50, ed. A.G. Poulter, *The Transition to Late Antiquity on the Danube and Beyond*, Oxford 2007

Poulter, A.G. The transition to Late antiquity on the Lower Danube: the city, a fort, and the countryside, 51-97, ed. A.G. Poulter, *The Transition to Late Antiquity on the Danube and Beyond*, Oxford 2007

Poulter, A.G. Site-specific field survey: the Methodology, 583-595, ed. A.G. Poulter, *The transition to Late Antiquity on the Lower Danube and Beyond*, Oxford 2007

“Prirodni i socio-geografski karakteristiki na zonite na nomadsko i polu-nomadsko stočarstvo vo Makedonija” (a symposium), Skopje 1981.

- Rackham, O. Observations on the historical ecology of Laconia, 73-119, eds. W. Cavanagh, J. Crouwel, R.W.V. Catling, G. Shipley, *The Laconia Survey: Continuity and Change in a Greek Rural Landscape*, Volume I, London 2002
- Radojčić, Sv. Menada iz Tetova, *Glasnik Skopskoga Naučnoga Društva* d.n. XII, 1933
- Rapp, G.R. McDonald, A.W. eds. *The Minnesota Messenia Expedition: Reconstructing a Bronze Age Regional Environment*, Minneapolis 1972
- Renfrew, C. Wagstaff, M. eds. *An Island Polity: The Archaeology of Exploitation on Melos*, Cambridge 1982
- Ristevski, B. Early Medieval finds from Scupi, 71-81, *Macedonian Heritage* 20, 2002
- Ristevski, B. Medieval ceramics from the Skopje area, 49-71, *Macedonian Heritage* 21, 2004
- Ristevski, B. Ranosrednovekovna sadova keramika od Republika Makedonija, *Vizantijskii Vremnik* 89 (65), 2006
- Rorison, M. *Vici in Roman Gaul*, Oxford 2001
- Runnels, C.N. van Andel, T.H. The Early Stone Age of the nomos of Preveza: Landscape and Settlement, 47-133; eds. J. Wiseman, K. Zachos, *Landscape archaeology in southern Epirus, Greece I*, Athens 2003
- Sarris A. et al, The Nicopolis Project – the integration of geophysical prospection, satellite remote sensing, and GIS techniques in the study of Epirus, Greece, *International Symposium of Archaeometry, Urbana*, Illinois U.S.A. 1996
- Rutter, J.B. Some thoughts on the analysis of ceramic data generated by site surveys, 137-142, eds. D. Rupp and D. Keller, *Archaeological Survey in the Mediterranean Area*, Oxford 1983
- Sanev, V. et al. *Urgeschichte Makedoniens*, Skopje 1976
- Sanev, V. Neolitskata naselba Rug-Bair kaj s. Gorobinci, 203-247, *Zbornik Narodni Muzej Štip* IV-V, 1976
- Sanev, V. Mogilite of Kunovo Čuki kaj s. Orizari-kočansko, 7-27, *Zbornik na Arheološkiot Muzej* VIII-IX, 1978
- Serafimova, A. The Middle Ages, 93-174, *Macedonia; cultural heritage*, Skopje 1995
- Schiffer, M.B. Sullivan, A.P. Klinger, T.C. The design of archaeological surveys, 1-28, *World Archaeology*, 10-1, 1978
- Sherratt, A. Water, soil and seasonality in early cereal cultivation, 313-330, *World Archaeology* 11, 1980
- Sherratt, A. Plough and pastoralism: Aspects of the secondary products revolution, 261-305, eds. I. Hodder, G. Isaac, N. Hammond. *Patterns of the past. Studies in honor of David Clarke*, Cambridge 1981
- Shiel, R. Stewart, A. The soils and agricultural potential of the Thespiiai area, 95-109, J. Bintliff, P. Howard, A. Snodgrass et al, *Testing the hinterland: the work of the Boeotia survey (1989-1991) in the southern approaches to the city of Thespiiai*, Cambridge 2007
- Shortman, E.M. Urban, A. *Resources, power and interregional interaction*, Springer 1992
- Slapšak, B. The 1982-1986 Ager Pharensis survey. Potentials and limitations of “wall survey” in karstic environments, 145-149, eds. J.C. Chapman, et al. *Recent developments in Yugoslav archaeology*, Oxford 1988
- Smith, J. T. *Roman villas: a study in social structure*, New York 1997

- Snively, C. Golemo Gradište at Konjuh: Reports on the excavations in 2000, 293-302, *Dumbarton Oaks Papers* 56, 2002
- Snodgrass, A.M. *The Dark Age of Greece*, Edinburgh 1971
- Snodgrass, A.M. Cherry, J.F. On not digging up the past, 9-13, *The Cambridge Review* 109, 1988
- Snodgrass, A.M. Survey archaeology and the rural landscape of the Greek city, 113-136, eds. O. Murray, S. Price, *The Greek city from Homer to Alexander*. Oxford 1990
- Snodgrass, A.M. The Archaeological aspect, 197-200, ed. I. Morris, *Classical Greece: Ancient Histories and Modern Archaeologies*, Cambridge 1994
- Sodini, J-P. The transformation of cities in Late Antiquity within the provinces of Macedonia and Epirus, 311-336, ed. A.G. Poulter, *The Transition to Late Antiquity on the Danube and Beyond*, Oxford 2007
- Sokolovska, V. Stadion stone from Isar-Marvinci, *Archaeologica Iugoslavica* XXII-XXIII, 1982-1983
- Sokolovska, V. *Isar Marvinci i Povardarieto vo Antičko vreme*, Skopje 1986
- Sokolovska, V. Pajonskoto pleme Agrijani i vrskite so Damastion, 9-32, *Macedoniae Acta Archaeologica* 11, 1990
- Sokolovski, M. *Turski Dokumenti; Opširen Popisen Defter, 4 (1467-1468)*, Skopje 1971
- Sokolovski, M. Stojanovski, A. *Turski dokumenti za istorijata na makedonskiot narod*, vol. II, Skopje 1973
- Sokolovski, M. Vakafi i vakafski imoti vo Skopje i skopsko, vo XV i XVI vek, 42-51 *Prilozi VIII, Makedonska Akademija na Nauki i Umetnosti*, 1977
- Srejšević, D. et al. *Gamzigrad: an imperial palace of late classical times*, Belgrade 1983
- Stankovska, Lj. *Makedonska Onomastika*, Skopje 2002
- Stankovski, J. Tumulot I od tumularnata nekropola kaj s. Strnovac, opština Staro Nagoričino, 135-153, *Macedoniae Acta Archaeologica* 18, 2008
- Stojanović-Anderson, V. *Stobi, the Hellenistic and Roman Pottery*, Princeton 1992
- Stojanovski, A. *Dervendistvoto vo Makedonija*, Skopje 1974
- Stojanovski, A. *Makedonija vo turskoto srednovekovje (XIV-XVIII vek)*, Skopje 1989
- Sunders, G.D.R. Recent developments in the chronology of Byzantine Corinth, 385-399, eds. C.K. Williams II, N. Bookidis, *Corinth: the Centenary, 1896-1996*, Athens 2003
- Sutton, S. B. Settlement patterns, settlement perceptions: Rethinking the Greek village, 313-336, ed. P.N. Kardulias, *Beyond the Site: Regional Studies in the Aegean*, 1994
- Tanev, Gj. *Počvite pomegu Pčinja i Vardar, sekcija Skopje-Veles II*, Skopje 1969
- Terrenato, N. Sample Size Matters! The Paradox of global trends and local surveys, 36-48; eds. S.E. Alcock, J.F. Cherry, *Side-by-side survey: comparative regional studies in the Mediterranean World*, Oxford 2004
- Todorović, D.B. Pedološka ispitivanja u skopskog bazena, 242-268, *Glasnik Skopskoga Naučnoga Društva* X 1931
- Tomoski, T. Dali postoe grad Polog, *Glasnik na Institutot za Nacionalna Istorija* I-1, 1959
- Tomoski, T. Beitrage zu einer Rekonstruktion der Strecke Scupi-Stobi auf der Tabula Peutingeriana, 113-125, *Ziva Antika* VI-1 1961
- Tomoski, T. Skopje od XI do XIV vek, 57-74, eds. V. Mošin et al, *Spomenici, za Srednovekovnata i ponovata istorija na Makedonija*, volume 1, Skopje 1975

- Tomoski, T. Ovče Polje vo Sredniot Vek, 243-265, *Godišen Zbornik na Filozofskiot Fakultet* 30, 1978
- Tilley, C. *A phenomenology of Landscape*, Oxford 1994
- Tomoski, T. Skopskata oblast of XI do XIV vek, 57-75, ed. V. Mošin, *Spomenici za srednovjekovnata i ponovata istorija na Makedonija*, vol.1 Skopje 1975
- Tomić, S. Skopska Crna Gora, 409-509, *Srpski Etnografski Zbornik* III 1905
- Trifunovski, J. Seoska Naselja Skopskog Polja, 345-517, *Srpski Etnografski Zbornik* LXIX, 1955
- Trifunovski, J. Isčeznati naselbi na Skopska Crna Gora, 145-149, *Godišen Zbornik na Prirodno-Matematički Fakultet* 18, 1970
- Trifunovski, J. Tri isčezla Srednjovekovna sela, 156-157, *Glasnik Srpskog Geografskog Društva* I/2, 1970
- Trifunovski, J. *Skopska Crna Gora-anthropogeographische Forschungen*, Skopje 1971
- Trifunovski, J. Les arbres culturelles dans la region de Skopska Crna Gora, 129-137, *Bulletin de l'institut ethnographique de l'Academie Serbe* XXIV, 1975
- Trifunovski, J. Manastirski konaci u Skopskoj Crnoj Gori, 113-124 *Glasnik Etnografskog Instituta* XXIX 1980
- Trigger, B. *A History of Archaeological Thought*, Cambridge 1989
- van Berghem, J-W Fiselier, J. Soils and Land Use Potential, 57-71, eds. W. Cavanagh, J. Crouwel, R.W.V. Catling, G. Shipley et al. *The Laconia Survey: Continuity and Change in a Greek Rural Landscape*, Volume I, London 2002
- van der Enden, M. Koroneia 2009: Surface survey sampling experiments, 33-41, J. Bintliff, B. Slapšak, The Leiden-Ljubljana Ancient Cities of Boeotia 2009 seasons, 1-58, *Pharos* 17(2), 2012
- Vasić, R. *Kulturne grupe starijeg gvozdenog doba u Jugoslavii*, Belgrade 1973
- Vasić, R. Geveliska grupa starijeg Gvozdenog Doba, 637-38, ed. A. Benac, *Praistorija Jugoslovenskih Zemalja* V, Sarajevo 1987
- Videvski, Z. Bronzenoto Vreme na Vardarski Rid, 91-113, ed. D. Mitrevski, *Vardarski Rid-Staromakedonski grad*, vol I, Skopje 2005
- Vita-Finzi C. Higgs, E.S. Prehistoric economy in the Mount Carmel area of Palestine: Site catchment analysis, 1-37, *Proceedings of the Prehistoric Society* 36, 1970
- Vionis, A.K. The Medieval and post-Medieval pottery and Tanagra village history, 570-578, J.L. Bintliff, et al. The Tanagra Project: Investigations at an ancient Boeotian city and in its countryside, 541-606, *Bulletin de Correspondence Hellénique* 128-129, 2004-2005
- Vionis, A. "Crusader" and "Ottoman" Material Life: The Archaeology of Built Environment and Domestic Material Culture in the Medieval and post-Medieval Cyclades, Greece, Leiden 2006
- Vionis, A. Material culture studies: the case of the Medieval and post-Medieval Cyclades, 177-197, eds. J. Bintliff, H. Stoecker, *Medieval and post-Medieval Greece, the Corfu papers*, Oxford 2009
- Vionis, A.K. Poblome, J. Waelkens, M. The hidden material culture of the Dark Ages. Early Medieval ceramics from Sagalassos (Turkey): new evidence (ca AD 650-800), 147-165, *Anatolian Studies* 29, 2009
- Vroom, J. *After Antiquity. Ceramics and Society in the Aegean from the 7th to the 20th centuries A.C. A Case Study from Boeotia, Central Greece*, Leiden, 2003

Vroom, J. *Byzantine to Modern Pottery in the Aegean: An Introduction and Field Guide*, Utrecht 2005

Vujević, P. Klima skopskog bazena, 125-240, *Glasnik Skopskoga Naučnoga Društva* X, 1931

Vulić, N. Teritorija rimskog Skoplja, *Glasnik Skopskoga Naučnoga Društva* d.n I/1, 1924

Vulić, N. Antički spomenici naše zemlje, *Spomenik Srpske Kraljevske Akademije* LXXI, Belgrade 1931

Vulić, N. Geografija Južne Srbije u antičko doba, *Glasnik Skopskoga Naučnoga Društva* d.n. XIX, 1938

Vučković-Todorović, D. Antička Demir Kapija, 229-267, *Starinar* XII, 1961

Wagstaff, M. The formation of the modern landscape of the survey area, 403-420, eds. W. Cavanagh, J. Crouwel, R.W.V. Catling, G. Shipley et al. *The Laconia Survey: Continuity and Change in a Greek Rural Landscape*, Volume I, London 2002

Wandsnider, L. Camilli, E.L. The character of surface archaeological deposits and its influence on survey accuracy, 169-188, *Journal of Field Archaeology* 19-2, 1992

Wessolowski, A. Burial customs in the west cemetery 97-141, eds. J. Wiseman, Dj. Mano-Zissi, et al. *Studies in the Antiquities of Stobi I*, T. Veles 1973

Whallon, R. Methods of Controlled Surface Collections in Archaeological Surveys, 73-83, eds. D. Rupp and D. Keller, *Archaeological Survey in the Mediterranean Area*, Oxford 1983

White, K.D. *Roman farming*, London 1970

Whitelaw, T. Reconstructing a Classical Landscape with Figures: some interpretative explorations in NW Keos, 227-243, eds. R. Francovich, H. Patterson, *Extracting meaning from ploughsoil assemblages, The Archaeology of Mediterranean Landscapes* 5, Oxford 2000

Wilkinson, T.J. The definition of ancient manured zones by means of extensive shard-sampling techniques, 323-333, *Journal of Field Archaeology* 9, 1982

Wilkinson, T.J. Extensive shard scatters and land-use intensity: some recent results, 31-46 *Journal of Field Archaeology* 16-1, 1989

Wiseman J. Mano-Zissi, Đ. eds. *Studies in the Antiquities of Stobi*, vol. I-III, Skopje-T. Veles 1973, 1975, 1979

Wiseman, J. Zachos, K. eds. *Landscape Archaeology in southern Epirus, Greece*, vol. I, *Hesperia Supplements*, 2003

Whittaker, C.R. Late Roman trade and traders, 163-180, eds. P. Garnsey, K. Hopkins, C.R. Whittaker, *Trade in the Ancient Economy*, Berkeley-Los Angeles 1983

Wright J. et al, The Nemea Valley Archaeological Project, a preliminary report, 579-659, *Hesperia* 59-3, 1990

Zangger E. et al, The Pylos Regional Archaeological Project, part II: Landscape Evolution and Site Preservation, 549-641, *Hesperia* 66-4, 1997

Zdravkovski, D. Sreden Neolit vo Gorno-Vardarski Region, 55-63, *Macedonia Acta Arheologica* 18, 2008

Šeldarov, N. *Macedonia and Paeonia*, Skopje 2003

Šurbanovska, M. Rimska keramika od Stobi 151-162, *Macedonia Acta Arhaeologica* 17, 2006

Šurbanovska M. et al. Arheološki istrazivanja-Stobi 2001, 271-282, *Macedonia Acta Arhaeologica* 18, 2008

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Abbreviations:

MN, M. Neo = Middle Neolithic

LN, L. Neo = Late Neolithic

BA = Bronze Age

LBA = Late Bronze Age

LBA-EIA = Late Bronze Age-Early Iron Age

EIA = Early Iron Age

LIA = Late Iron Age

HI, Hell = Hellenistic Period

R-LR, R-LRom = Roman-Late Roman

LB-EO = Late Byzantine-Early Ottoman

LO-EM = Late Ottoman-Early Modern

Curriculum Vitae

Damjan Donev was born on the 29th of June 1979, in Skopje. After studying for three years at the Art History and Archaeology department at the State University of Sts. Cyril and Methodius in Skopje, he completed his undergraduate studies at Davis and Elkins College, Elkins, WV, earning a degree in Cultural Anthropology. He completed his Master's degree at the department of Archaeology and Art History, at Bilkent University, Ankara. Over the past decade and a half Damjan Donev has participated in excavation and survey projects in the Republic of Macedonia and Greece. His geographic focus is on the Balkan interior, while his research interest includes landscape studies, with a special emphasis on territoriality and settlement patterns, archaeological method and theory and sepulchral archaeology.

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