

- ABEL, H. (1955a): Beiträge zur Landeskunde des Rehobother Westens (Südwestafrika). - Mittg. Geogr. Ges. Hamburg 51: 55-97.
- (1955b): Reisestudien in Südwestafrika. - Jb. Bremer Wissensch. 1: 17-44.
- (1959a): Beiträge zur Morphologie der Großen Randstufe im südwestlichen Afrika. - Dt. Geogr. Blätter 48: 130-268.
- (1959b): Völkerkundlich-kulturgeographische Beobachtungen in Südwestafrika und Südangola (1953, 1957). - Veröffentl. Überseemus. Bremen, Reihe B 1 (3): 165-187.
- ABEL, N. & M. STOCKING (1987): A rapid method for assessing rates of soil erosion from rangeland: an example from Botswana. - J. Range Manag. 40 (5): 460-466.
- ÅBERG, G., D. E. STIJFHORN, K. IDEN & R. LÖFVENDAL (1999): Carbon isotope exchange during calcite sulphation. - Atmospheric Env. 33: 1399-1402.
- ABRAMS, M. M., P. J. JACOBSON, K. M. JACOBSON & M. K. SEELY (1997): Survey of soil chemical properties across a landscape in the Namib Desert. - J. Arid Env. 35 (1): 29-38.
- ACKERMANN, E. (1936): Dambos in Nordrhodesien. - Wiss. Veröffentl. Dt. Mus. Länderkunde N. F. 4: 149-157.
- ACOCKS, J. P. H. (1988): Veld Types of South Africa. Bot. Surv. S. Afr. Mem. 57, Pretoria, 146pp.
- ACRES, B. D., A. BLAIR RAINS, R. B. KING, R. M. LAWTON, A. J. B. MITCHELL & L. J. RACKHAM (1985): African Dambos: their distribution, characteristics and use. - Z. Geomorph. N. F. Suppl. 52: 63-86.
- ADAMS, C. G., R. H. BENSON, R. B. KIDD, W. B. F. RYAN & R. C. WRIGHT (1977): The Messinian salinity crisis and evidence of Late Miocene eustatic changes in the world ocean. - Nature 269: 383-386.
- AG BODENKUNDE, Hrsg. (1982, 1994): Bodenkundliche Kartieranleitung. 3./4. Aufl., Stuttgart (Schweizerbart), 392pp.
- ALAILY, F. (1996): Carbonate, Gips und lösliche Salze. - In: BLUME, H. P. et al., eds.: Handbuch der Bodenkunde. Landsteg (Ecomed): 8pp.
- ALEXANDER, J. E. (1838): An Expedition of Discovery into the Interior of Africa, through of the Great Namaquas, Boschmans, and Hill Damaras. 2 Vols., London (Colburn).
- ALISON, M. S. (1899): On the origin an formation of pans: - Transact. Geol. Soc. S. Afr. 4: 159-161.
- ALLSOPP, H. L. & D. R. BARRETT (1975): Rb-Sr age determination on South African Kimberlite pipes. - In: AHRENS, L. H., J. B. DAWSON, A. R. DUNCAN & A. J. ERLANK, eds.: Physics and Chemistry of the Earth 9: 605-617. Oxford (Pergamon).
- ANDERSSON, C. J. (1856): Lake Ngami: or, Explorations and Discoveries during Four Years' Wanderings in the Wilds of South Western Africa. London (Horst & Blackett), 546pp.
- (1861): The Okavango River: a narrative of travel, explotation and adventure. London (Hurst & Blackett), 364pp.
- (1875): Notes of Travel in South Africa. London (Hurst & Blackett), 338pp.
- ANDREAE, M. O., W. R. BARNARD & J. M. AMMONS (1983): The biological production of dimethylsulfide in the ocean and its role in the global atmospheric sulfur budget. - Ecol. Bull. 35: 167-177.
- ANDREWS, W. R. & L. HUTCHINGS (1980): Upwelling in the southern Benguela Current. - Prog. in Oceanogr. 9: 1-81.
- ANNEGARN, H. J. & R. KRUT (1985): Of mud islands, sulphur and dead fish. - South West Africa Annual 1985: 83-90.
- ANNEGARN, H. J., R. E. VAN GRIEKEN, P. VAN ESPEN, F. VON BLOTTNITZ, J. P. F. SELLSCHOP, J. W. WINCHESTER & W. MAENHAUT (1978): Background aerosol composition at Gobabeb, South West Africa. - Madoqua 11 (2): 107-118.
- ANNEGARN, H. J., R. E. VAN GRIEKEN, J. W. WINCHESTER, J. P. F. SELLSCHOP & F. VON BLOTTNITZ (1979): Background aerosol concentrations for the Namib-Atlantic interface. - In: Proceedings of the International Conference on Air Pollution, Pretoria (CSIR), 22.-25.10.1979, Vol. IV (6): 1-18.
- ANNEGARN, H. J., R. E. VAN GRIEKEN, D. M. BIBBY & F. VON BLOTTNITZ (1983): Background aerosol composition in the Namib Desert, South West Africa (Namibia). - Atmospheric Env. 17 (10): 2045-2053.
- ARAKEL, A. V. & D. McCONOCHIE (1982): Classification and genesis of calcrete and gypsum lithofacies in paleodrainage systems of inland Australia and their relationship to carnotite mineralization. - J. Sedim. Petr. 52: 1149-1170.
- ARNTZ, W. E. & E. FAHRBACH (1991): El Niño. Klimaexperiment der Natur. Basel (Birkhäuser), 264pp.

- ASTM, ed. (1985): Standard test method for particle-size analysis of soils. D 422-63. - In: Annual Book of ASTM Standards 04.08. Philadelphia (American Society for Testing and Materials): 117-127.
- AXELROD, D. I. & P. H. RAVEN (1978): Late Cretaceous and Tertiary vegetation history of Africa. - In: WERGER, M. A. J., ed.: *loc. cit.*: Vol. 1: 77-130.
- BAILEY, G. W. & J. ROGERS (1997): Chemical oceanography and marine geoscience off southern Africa: Past discoveries in the post-Gilchrist era, and future prospect. - Transact. Royal Soc. S. Afr. 52 (1): 51-79.
- BAILLIE, I. (1985): Comment on the palaeoenvironmental interpretation of colluvial sediments and palaeosols of the Late Pleistocene Hypothermal in southern Africa. - Palaeogeogr. Palaeoclim. Palaeoecol. 52: 159-163.
- BAINES, T. (1864): Explorations in South-West Africa. Being and Account of a Journey in the Years 1861 and 1862 from Walvis Bay, on the Western Coast, to Lake Ngami and the Victoria Falls. London, 535pp.
- (1869): Voyage dans le sud-ouest de l'Afrique. Paris (Hachette), 269pp.
- BAKER, V. R. (1988): Flood geomorphology and palaeohydrology of bedrock rivers. - In: DARDIS, G. F. & B. P. MOON, eds.: *loc. cit.*: 473-486.
- BAKKER, J. P., H. J. MÜLLER, D. JUNGERIUS & H. PORENGA (1957): Zur Granitverwitterung und Methodik der Inselbergforschung in Surinam. - Tag. Wiss. Abh. Dt. Geographent. Würzburg 1957. Wiesbaden (Steiner): 122-131.
- BALFOUR, D. J., W. HEGENBERGER, A. S. MEDLYCOTT & K. J. WILSON (1985): Kimberlites near Sikereti, north-eastern South West Africa/Namibia. - Comm. Geol. Surv. SWA/Namibia 1: 69-77.
- BARNARD, W. R., M. U. ANDREAE, W. E. WATKINS, H. BINGEMER & H. W. GEORGII (1982): The flux of dimethylsulfide from the oceans to the atmosphere. - J. Geophys. Res. 87: 8787-8793.
- BARNARD, W. S. (1965): 'n Kaart van die Klimaatstreke van Suidwes-Afrika. - J. S. W. A. Wiss. Ges. 18/19: 74-84.
- (1973): Duinformasie in die sentrale Namib. - Tegnikon 22 (4): 2-13, Pretoria.
- (1975): Geomorfologiese prosesse en die mens: die geval van die Kuisebdelta, S. W. A. - Acta Geogr. 2: 20-44 (Paris).
- BARTH, P. (1921): Niederschlagsmessungen der meteorologischen Stationen in S. W. Afrika 1914-1920. = Arb. der Farmwirtschaftsges. für Südwest-Afrika 2 (Windhoek), 51pp.
- BASTIAN, O. (1992): Zu Analyse des biotischen Regulationspotentials der Landschaft. - Peterm. Geogr. Mitt. 136(2/3): 93-108.
- BATE, G. C., P. R. FURNISS & B. G. PENDLE (1982): Water relations of southern African savannas. - In: HUNTLEY, B. J. & B. H. WALKER, eds.: *loc. cit.*: 336-404.
- BATE, G. C. & B. H. WALKER (1993): Water relations of the vegetation along the Kuiseb River, Namibia. - Madoqua 18 (2): 85-91.
- BEAUDET, G. & P. MICHEL (1978): Recherches Géomorphologiques en Namibie Centrale. = Rech. Géogr. Univ. Louis Pasteur, Strasbourg, 139pp.
- BEAUMONT, P. B., E. M. VAN ZINDEREN BAKKER & J. C. VOGEL (1984): Environmental changes since 32.000 BP at Kathu Pan, Northern Cape. - In: VOGEL, J. C. (ed.): *loc. cit.*: 329-338.
- BEETZ, W. (1926): Die Tertiärablagerungen der Küstennamib. - In: KAISER, E., ed.: *loc. cit.*, Bd. 2: 1-54.
- BEHR, H. J., H. ARENDT, H. PORADA & K. WEBER (1983): The sole dolomite at the base of the Naukluft Nappe Complex. - In: MILLER, R. McG., ed.: The Evolution of the Damara Orogen, South West Africa. = Spec. Publ. 11, Geolog. Soc. S. Afr. Johannesburg: 185-197.
- BELLAIR, P. (1954): Sur l'origine des dépôts de sulphate de calcium actuels et anciens. - C. R. Acad. Sci. Paris 239: 1059-1061.
- BENTHAM, H., J. A. HARRIS, P. BIRCH & K. C. SHORT (1992): Habitat classification and soil restoration assessment using analysis of soil microbiological and physicochemical characteristics. - J. Appl. Ecol. 29: 711-718.
- BERGER, J. (o. J., ca. 1950): Die Bodentypen in Südwestafrika und ihre wirtschaftliche Bedeutung. Versuch einer Klassifikation. Unpubl. Manuscript, Windhoek.
- BERRY, C. (1985): Trees and Shrubs of the Etosha National Park. Windhoek (Multiservice), 168pp.
- BERRY, H. H. (1980): Behavioural and Eco-Physiological Studies on Blue Wildebeest (*Connochaetes taurinus*) at the Etosha National Park. Ph. D. Thesis (unpubl.), University of Cape Town, 2 Vols., 564pp+App.

- BERRY, H. H. & W. R. SIEGFRIED (1991): Mosaic-like events in arid and semi-arid Namibia. - in: REMMERT, H., ed.: *The Mosaic-Cycle Concept of Ecosystems.* = *Ecol. Stud.* 85: 147-160, Berlin (Springer).
- BERTRAM, S. & C. M. BROMAN (1999): Assessment of Soils and Geomorphology in central Namibia. Swedish Univ. of Agric. Sciences, Uppsala, Minor Field Studies 71, 66pp.
- BESLER, H. (1972): Klimaverhältnisse und klimageomorphologische Zonierung der zentralen Namib (Südwestafrika). = *Stuttgarter Geogr. Stud.* 83: 209pp.
- (1975): Messung zur Mobilität von Dünensanden am Nordrand der Dünen-Namib (Südwestafrika). - *Würzburger Geogr. Arb.* 43: 135-147.
- (1977): Untersuchungen in der Dünen-Namib (Südwestafrika). - *J. S. W. A. Wiss. Ges.* 31: 33-64.
- (1979a): Salinitätsmessungen an Sanden als Hilfsmittel zur Rekonstruktion fossiler Gewässernetze in ariden Räumen (nach Untersuchungen im Namib-Erg). - *Z. Geomorph. N. F.* 23: 192-198.
- (1979b): Feldversuche zur aktuellen Granitverwitterung und Rindenbildung in der Namib (Südwestafrika/ Namibia). - *Stuttgarter Geogr. Stud.* 93: 95-106.
- (1980): Die Dünen-Namib: Entstehung und Dynamik eines Ergs. = *Stuttgarter Geogr. Stud.* 96: 241pp.
- (1983): The response diagram: distinction between aeolian mobility and stability of sands and aeolian residuals by grain size parameters. - *Z. Geomorph. N. F. Suppl.* 45: 287-301.
- (1984): The development of the Namib dune field according to sedimentological and geomorphological evidence. - In: VOGEL, J. C., ed.: *loc. cit.*: 445-453.
- (1991): Der Namib Erg: Älteste Wüste oder älteste Dünen? - *Geomethodica* 16: 93-122.
- (1996): The Tsondab Sandstone in Namibia and its significance for the Namib Erg. - *S. Afr. J. Geol.* 99 (1): 77-87.
- BESLER, H., W. D. BLÜMEL, K. HEINE, K. HÜSER, H. LESER & U. RUST (1994): Geomorphogenese und Paläoklima Namibias: Eine Problematisierung. - *Die Erde* 125 (3): 139-165.
- BESLER, H. & M. MARKER (1979): Namib sandstone: a distinct lithological unit. - *Transact. Geol. Soc. S. Afr.* 82 (1): 155-160.
- BESLER, H. & L. PFEIFFER (1993): The Tertiary Proto-Erg of the Namib: Depositional environment of the Tsondab Sandstone in Namibia. - *J. Namibia Sci. Soc.* 44: 7-24.
- BESTER, F. V. (1996): Bush encroachment - a thorny problem. - In: TARR, P., ed.: *Namibia Environment* 1: 175-177, Windhoek (Ministry of Environment and Tourism).
- BEUGLER, H. (1991): Untersuchungen zur Bodenerosion im Etoscha-Nationalpark, Namibia - unter besonderer Berücksichtigung der Erodierbarkeit der Böden. Unpubl. Diplomarb., Inst. f. Geographie, Univ. Regensburg, 96pp + Abbildungsband.
- BEUGLER-BELL, H. (1996): Öko-pedologische Untersuchungen im Etoscha Nationalpark und angrenzenden Landschaften in Nordnamibia. Dissertation, Philosophische Fakultät III, Univ. Regensburg, 335pp + Appendices.
- BEUGLER-BELL, H., M. W. BUCH & C. TRIPPNER (1993): A Guideline for Soil Classification in the Etosha National Park and Adjacent Areas in Central Northern Namibia. = Field Document 1.2 of the DFG/GTZ-Cooperation Project 'Soils and Environmental Change in the Etosha National Park, Namibia'. Geographisches Institut der Univ. Regensburg/Etosha Ecological Research Institute Okaukuejo (unpubl.): 25pp.
- BIGALKE, R. C. (1978): Mammals. - In: WERGER, M. A. J., ed.: *loc. cit.*: Vol. 2: 981-1048.
- BIRCH, G. F. (1978): The distribution of clay minerals on the continental margin off the west coast of South Africa. - *Transact. Geol. Soc. S. Afr.* 81: 23-34.
- BIRCH, G. F., J. THOMSON, J. M McARTHUR & W. C. BURNETT (1983): Pleistocene phosphorites off the west coast of South Africa. - *Nature* 302: 601-603.
- BIRKENHAUER, J. (1991): The Great Escarpment of Southern Africa and its Coastal Forelands - A Re-Appraisal. = *Münchener Geogr. Abh. Reihe B* 11, 419pp.
- BLOM, L. W. R. & P. M. BOWER (1985): Geohydrology of the Kuiseb River. - In: HUNTLEY, B. J., ed.: *loc. cit.*: 33-49.
- BLÜMEL, W. D. (1976): Kalkkrustenvorkommen in Südwestafrika: Untersuchungsmethoden und ihre Aussage. - *Mitt. Basler Afrika Bibliogr.* 15: 17-50.

- BLÜMEL, W. D. (1981): Pedologische und geomorphologische Aspekte der Kalkkrustenbildung in Südwestafrika und Südostspanien. = Karlsruher Geogr. H. 10, 227pp.
- (1982): Calcretes in Namibia and SE-Spain - relations to substratum, soil formation and geomorphic factors. - In: YAALON, D. H. (ed.): Aridic Soils and Geomorphic Processes. = Catena Suppl. 1: 67-82.
- (1991): Kalkkrusten - ihre genetischen Beziehungen zu Bodenbildung und äolischer Sedimentation. - Geomethodica 16: 169-197.
- BLÜMEL, W. D. & B. EITEL (1994): Tertiäre Deckschichten und Kalkkrusten in Namibia: Entstehung und geomorphologische Bedeutung. - Z. Geomorph. N. F. 38: 385-403.
- BLÜMEL, W. D., B. EITEL & A. LANG (1998): Dunes in southeastern Namibia: evidence for Holocene environmental changes in the southwestern Kalahari based on thermoluminescence data. - Palaeogeogr. Palaeoclim. Palaeoecol. 138 (1-4): 139-149.
- BLÜMEL, W. D., R. EMMERMANN, & K. HÜSER (1979): Der Erongo. = Wiss. Forschg. in Südwestafrika 16. Windhoek (S. W. A. Wiss. Ges.), 140pp.
- BLUMHAGEN, H. (1921): Südafrika (unter Einschluß von Südwestafrika). = Auslands wegweiser des Hamburgischen Weltwirtschafts-Archivs 7, Hamburg (Friederichsen), 148pp.
- BOAST, R. (1990): Dambos: a review. - Progr. Phys. Geogr. 14: 153-177.
- BOCHTER, R. (1985): Boden und Bodenuntersuchungen. = Praxis Chemie 53. Köln (Aulis), 273pp.
- BÖHM, J. (1926): Über tertiäre Versteinerungen von den Bogenfelser Diamantenfeldern. - In: KAISER, E.: *loc. cit.* Vol. 2: 55-87.
- BOLDT, K. (1997): Entwicklung von Schichtstufenlandschaften durch restriktive Flächenbildung - das Beispiel der fränkischen Haßbergstufe und ihres Vorlandes. - Peterm. Geogr. Mitt. 141 (4): 263-278.
- (1998): Das Modell der restriktiven Flächenweiterbildung - ein Ansatz zur Erfassung von Regeln der Landschaftsgenese im Bereich wechselnd widerständiger Sedimentgesteine. - Z. Geomorph. N. F. 42 (1): 21-27.
- BOLLIG, M. & F. KLEES, eds. (1994): Überlebensstrategien in Afrika. = Colloq. Afric. 1. Köln (Heinrich-Barth-Inst.), 376pp.
- BOND, W. J., W. D. STOCK & M. T. HOFFMAN (1994): Has the Karroo spread? A test for desertification using carbon isotopes from soil. - S. Afr. J. Sci. 90 (7): 391-397.
- BOOCOCK, C. & O. J. VAN STRATEN (1962): Notes on the geology and hydrogeology of the central Kalahari region, Betchuanaland Protectorate. - Transact. Geol. Soc. S. Afr. 65: 125-171.
- BORN, A. (1930): Entgasungshügel am Ebbestrand von Walfischbucht, S. W. A. - Ein Beispiel des Ausgleiches metastabiler Lagerung. - Senckenbergiana 12 (4/5): 221-227.
- (1932): Das Great Escarpment als Piedmonttreppe. - Fortschr. Geol. Paläont. 11: 307-326.
- BORNMAN, C. (1978): Welwitschia. Cape Town (Struik), 71pp.
- BOSCH, O. J. H., F. P. JANSE VAN RENSBURG & S. du T. TRUTER (1987): Identification and selection of Benchmark Sites on Litholitic Soils of the Western Grassland Biome of South Africa. - J. Grassl. Soc. S. Afr. 4 (2): 59-62.
- BOSS, G. (1934): Aus dem Pflanzenleben Südwestafrikas. Windhoek (Meinert), 145pp.
- (1941): Niederschlagsmenge und Salzgehalt des Nebelwassers an der Küste Deutsch-Südwest-Afrikas. - Bioklimat. Beibl. Meteorolog. Z. 8 (1): 1-15.
- (1953): Verdunstungs- und Taumessungen in Afrika. - Ber. Dt. Wetterdienst 5: 3-9.
- BOTHA, A. D. P. & B. E. EISENBERG (1993): Estimation of soil water retention from clay content and cation exchange capacity values of soils. - S. Afr. J. Plant and Soil 10 (3): 141-143.
- BOULÉGUE, J. & J. DENIS (1983): Sulfide speciations in upwelling areas. - In: THIEDE, J. & E. SUÈSS, eds.: Coastal Upwelling: its sediment record. = Proceedings of a Conference of the NATO Advanced Research Institute, Vila Moura/Portugal 1981. = NATO Conf. Ser. 4, Vol 10B: 439-454. New York (Plenum Pr.).
- BOYD, A. J. (1987): The Oceanography of the Namibian Shelf. Unpubl. Ph.D. Thesis, Univ. of Cape Town.
- BOYER, D. C. (1989b): Some characteristics of the plant communities of three dunes situated across a climatic gradient in the Namib Desert. - Madoqua 16 (2): 141-148.

- BOYER, D. C. & H. J. BOYER (1989): The status of alien invasive plants in the major rivers of the Namib Naukluft Park. - Madoqua 16 (1): 51-58.
- BRAIN, C. K. (1984a): Comments on the Namib's past. - S. Afr. J. Sci. 80: 158-159.
- (1984b): The terminal Miocene event: a critical environmental and evolutionary episode. - In: VOGEL, J.C., ed.: *loc. cit.*: 491-498.
- BRAIN, C. K. & V. BRAIN (1977): Microfaunal remains from Mirabib: some evidence of palaeoecological changes in the Namib. - Madoqua 10 (4): 285-293.
- BRAUN-BLANQUET, J. (1964): Pflanzensoziologie. Wien.
- BREITENBACH, F. v. (1984): Nasionale Lys van Ingevoerde Bome. Pretoria (Dendrologiese Stigting), 146pp.
- (1995): Nasionale Lys van Inheemse Bome. Pretoria (Dendrologiese Stigting), 371pp.
- BREMER, H. (1989): Allgemeine Geomorphologie. Berlin (Bornträger), 450pp.
- BREMNER, J. M. (1980): Concretionary phosphorite from Southwest Africa. - J. Geol. Soc. London 137: 768-773.
- (1983): Biogenic sediments on the South West African (Namibian) continental margin. - In: THIEDE, J. & E. SUESS, eds.: Coastal Upwelling: its sediment record. = Proceedings of a Conference of the NATO Adv. Res. Inst., Vila Moura/Portugal 1981. = NATO Conf. Ser. 4, Vol. 10B: 73-103. New York (Plenum Pr.).
- BREMNER, J. M. & J. P. WILLIS (1993): Mineralogy and geochemistry of the clay fraction of sediments from die Namibian continental margin and the adjacent hinterland. - Marine Geol. 115: 85-116.
- BREUNIG, P. (1989): Der Brandberg. Untersuchungen zur Besiedlungsgeschichte eines Hochgebirges in Namibia. Unpubl. Habilitationsschrift, Universität Köln: 449pp.
- (1990): Temperaturen und Niederschläge im Hohen Brandberg. - J. Namibia Wiss. Ges. 42: 7-24.
- BRIEM, E. (1977): Beiträge zur Genese und Morphodynamik des ariden Formenschatzes unter besonderer Berücksichtigung des Problems der Flächenbildung (aufgezeigt am Beispiel der Sandschwemmen in der östlichen zentralen Sahara). = Berliner Geogr. Abh. 26, 89pp.
- BRIERE, P. R. (2000): Playa, playa lake, sabkha: proposed definitions for old terms. - J. Arid Env. 45 (1): 1-7.
- BRINK, A. B. A. (1985): Engineering Geology of Southern Africa, Vol. IV: Post-Gondwana Deposits. Pretoria (Building Publ.), 332pp.
- BROMILOW, C. (1995): Problem Plants of South Africa. Arcadia (Briza Publ.), 315pp.
- BRONGER, A. & J. A. CATT (1989): Palaeosols: problems of definition, recognition and interpretation. - Catena Suppl. 16: 1-7.
- BROOK, G. A., D. A. BURNEY & J. B. COWART (1990): Desert palaeoenvironmental data from cave speleothems with examples from the Chihuahuan, Somali-Chalbi, and Kalahari deserts. - Palaeogeogr., Palaeoclim., Palaeoecol. 76 (3/4): 311-329.
- BROOK, G. A., J. B. COWART & S. A. BRANDT (1997): Quaternary climatic change in southern and eastern Africa during the last 300 ka: the evidence from caves in Somalia and the Transvaal region of South Africa. - Z. Geomorph. N. F., Suppl. 108: 15-48.
- BROOK, G. A., J. B. COWART & E. MARAIS (1996): Wet and dry periods in the southern African summer rainfall zone during the last 300 kyr from speleothem, tufa and sand dune age data. - Palaeoecology of Africa 24: 147-158.
- BROOK, G. A., K. A. HABERYAN & S. DE FILIPIS (1992): Evidence of a shallow lake at Tsodilo Hills, Botswana, 17.500 to 15.000 yr BP: Further confirmation of a widespread Late Pleistocene humid period in the Kalahari Desert. - Palaeoecology of Africa 23: 165-175.
- BROWN, S. (1998): *Parkinsonia africana*. - In: NATIONAL BOTANICAL RESEARCH INSTITUTE, ed.: Namibian Tree Atlas. Unpubl. Manuscript. Windhoek (NBRI), 3pp.
- BRUNDRIT, G. B. (1981): Upwelling fronts in the southern Benguela Region. - Transact. Royal Soc. S. Afr. 44: 309-313.
- BRUNO, S. A. (1985): Pan genesis in the southern Kalahari. - in: Proc. Symp. Min. Res. of the Kalahari 1984, Gaborone (The Botswana Society): 261-277.
- BRUNOTTE, E. & J. SPÖNEMANN (1997): Die kontinentale Randabdachung Nordwestnamibias: eine morphotektonische Untersuchung. - Peterm. Geogr. Mitt. 141 (1): 3-15.

- BUCH, M. (1990): Soils, Soil Erosion and Vegetation in the Etosha National Park, Northern Namibia: report on the results of field and laboratory work 1989, 2 parts. Univ. of Regensburg (unpubl.).
- (1993a): Känozoischer Klima- und Umweltwandel in Etoscha/Nord-Namibia - Untersuchungen zur Klima-sensibilität und Geomorphodynamik eines semi-ariden Landschaftsraumes im südlichen Afrika. Unpubl. Habilitationsschrift, Phil. Fak. III, Univ. Regensburg, 2 Vols., 284pp+App.
- (1993b): Klima und Boden als limitierende Faktoren landwirtschaftlicher Nutzung in Namibia. - Frankfurter Wirtschafts- und Sozialgeogr. Schr. 64: 139-172.
- (1996a): Geochrono-Geomorphastratigraphie der Etoscha Region, Nord-Namibia. - Die Erde 127 (1): 1-22.
- (1996b): Mineralogy and geochemistry of the sediments of the Etosha Pan Region in northern Namibia: a reconstruction of the depositional environment. - J. Afr. Earth Sci. 22 (3): 355-378.
- (1997): Etosha Pan - the third largest lake in the world? - Madoqua 20 (1): 49-64.
- BUCH, M. W. & D. ROSE (1996): Mineralogy and geochemistry of the sediments of the Etosha Pan Region in northern Namibia: a reconstruction of the depositional environment. - J. Afr. Earth Sci. 22 (3): 355-378.
- BUCH, M. W., D. ROSE & L. ZÖLLER (1992): A TL-calibrated pedostratigraphy of the western lunette dunes of Etosha Pan/northern Namibia: Palaeoenvironmental implications for the last 140 ka. - Palaeoecology of Africa 23: 129-147.
- BUCH, M. W. & L. ZÖLLER (1992): Pedostratigraphy and Thermoluminescence-Chronology of the western margin-(Lunette-) Dunes of Etosha Pan/northern Namibia. - in: Würzburger Geographische Arbeiten 84: 361-384.
- BÜDEL, J. (1971): Das natürliche System der Geomorphologie mit kritischen Gängen zum Formenschatz der Tropen. = Würzburger Geogr. Arb. 34, 152pp.
- (1981): Klimageomorphologie. 2. Aufl., Berlin (Borntraeger), 304pp.
- BÜHLER, W. (1943): Untersuchungen an südwestafrikanischen Bodenproben, insbesondere Phosphorsäurebestimmungen im Zusammenhang mit dem Auftreten der Steif- und Lahmkrankheit des Viehs. Dissertation, Techn. Univ. Stuttgart, 73pp.
- BURGESS, R. L. (1983): Archaeological sediments from surface sites and rock shelters in the Brandberg, Western Damaraland, Namibia. - Nyame Akuma 22: 13-15.
- BURGESS, R. L. & L. JACOBSON (1984): Cultural sediment formation in open-air sites and rock shelters of the Brandberg, Namibia. - J. Field Archaeol. 11 (2): 233-239.
- BUSCHE, D. (1973): Die Entstehung von Pedimenten und ihre Überformung, untersucht an Beispielen aus dem Tibesti-Gebirge, République du Tchad. = Berliner Geogr. Abh. 18, 110pp+Appendix.
- (1983): Silcrete in der zentralen Sahara (Murzuk-Becken, Djado-Plateau und Kaouar; Süd-Libyen und Nord-Niger). - Z. Geomorph. N. F. Suppl. 48: 35-49.
- BUSCHE, D. & C. HEISTERMANN (1992): Wechselbeziehungen zwischen geomorphologischer und prähistorischer Forschung in der Sahara von Ost-Niger. - Würzburger Geogr. Arb. 84: 169-200.
- BUSCHE, D. & B. SPONHOLZ (1988): Karsterscheinungen in nichtkarbonatischen Gesteinen der Rep. Niger. - Würzburger Geogr. Arb. 69: 9-44.
- BUSCHIAZZO, D. E. (1985): Untersuchung über die Calcrete Bildung in SE-Argentinien. Diss. Fak. Agrarwiss., Univ. Hohenheim, 125pp.
- BUTZER, K. W. (1973): Pleistocene 'periglacial' phenomena in southern Africa. - Boreas 2 (1): 1-11, Oslo.
- BUTZER, K. W. (1984a): Archaeogeology and Quaternary Environment in the interior of southern Africa. - In: KLEIN, R. G., ed.: Southern African Prehistory and Palaeoenvironments. Rotterdam (Balkema): 1-46.
- BUTZER, K. W. (1984b): Late Quaternary Environments in South Africa. - In: VOGEL, J. C., ed.: loc. cit.: 235-264.
- CAGLE, F. R. (1975): Evaporite Deposits of the Central Namib Desert. M.Sc Thesis, Univ. of New Mexico, Albuquerque, 155pp.
- CAMPBELL, S. E., J.-S. SEEGER & S. GOLUBIC (1989): Desert Crust Formation and Soil Stabilization. - Arid Soil Res. Rehab. 3 (2): 217-228, New York.
- CANNON, W. A. (1924): General and Physiological Features of the Vegetation of the More Arid Portions of Southern Africa, with notes on the climatic environment. = Publication 354, Washington (Carnegie Institute), 159pp.

- CARATINI, C. & C. TISSOT (1982): Palynological study of Pleistocene sediment cores from Walvis Ridge. - *Palaeoecology of Africa* 15: 227.
- CARLISLE, D. (1978): The Distribution of Calcretes and Gypcretes in Southwestern United States and Their Uranium Favorability: based on a study of deposits in western Australia and South West Africa (Namibia). = U. S. Department of Energy Contract Report No. 76-022-E, Berkeley (University of California), 274pp.
- CARNEY, J. N., D. T. ALDISS & N. P. LOCK (1994): The Geology of Botswana. = *Geol. Surv. Bull.* 37 Gaborone, 113pp.
- CARRINGTON, A. J. & B. F. KENSLY (1969): Pleistocene molluscs from the Namaqualand coast. - *Ann. S. Afr. Museum* 52: 189-233.
- CHAPMAN, J. (1868): Travels in the Interior of South Africa 1849-1863. 2 Vols., London (Bell & Daldy), 934pp.
- CHAPMAN, P. & L. V. SHANNON (1985): The Benguela ecosystem, part 2: Chemistry and related processes. - *Oceanogr. Marine Biol. Ann. Rev.* 23: 183-251.
- CHAPPELL, J. & N. J. SHACKLETON (1986): Oxygen isotopes and sea level. - *Nature* 324: 137-140.
- CHESTER, J., H. ELDERFIELD, J. J. GRIFFIN, L. R. JOHNSON & R. C. PADGHAM (1972): Eolian dust along the eastern margins of the Atlantic Ocean. - *Marine Geol.* 13: 91-105.
- CHOLNOKY, B. J. (1963): Beiträge zur Kenntnis der Ökologie der Diatomeen des Swakop-Flusses in Südwest-Afrika. - *Rev. Biol., Lisboa* 3 (2-4): 233-260.
- CHRISTIAN, I., B. WOHLLEBER & W. OPITZ VON BOBERFELD (1996): Die Flächentranssekte: Eine Methode zur Beurteilung arider und semi-arider Weiden. - *Angew. Bot.* 70: 113-118.
- CHURAN, F. (1918): Ist rentable Farmwirtschaft in Südwest möglich?. Neu-Heusis (Selbstverlag), 58pp.
- CLASSEN, H. (1930): Periodisches Fischsterben in Walfischbai, Südwestafrika. - *Palaeobiologica* 3: 1-13.
- CLIMAP, Project Members of (1976): The surface of the ice-age earth. - *Science* 191: 1131-1137.
- CLOOS, H. (1911): Geologie des Erongo im Hereroland. = *Beitr. Geol. Erforschg. Dt. Schutzgeb.* 3, 84pp.
- (1919): Der Erongo. = *Beitr. Geol. Erforschg. Dt. Schutzgeb.* 17, 238+App.
- (1937): Südwestafrika. Reiseindrücke 1936. - *Geol. Rundschau* 28: 163-187.
- CLOOS, H. & K. CHUDOBA (1931): Der Brandberg. Bau, Bildung und Gestalt der Plutone in Südwestafrika. - *N. Jb. Min.* 66 Beil., 130pp.
- COATES, J. N. M., J. DAVIES, D. GOULD, D. G. HUTCHINS, C. R. JONES, R. M. KEY, N. W. D. MASSEY, C. V. REEVES, G. STANSFIELD & I. R. WALKER (1979): The Kalatraverse One Report. *Geol. Surv. Botswana, Bulletin* 21, 402pp.
- COCKCROFT, M. J., M. J. WILKINSON & P. D. TYSON (1988): A palaeoclimatic model for the late Quaternary in southern Africa. - *Palaeoecology of Africa* 19: 279-282.
- CODY, M. L. (1986): Diversity, variety and conservation in mediterranean climate regions. - In: SOULE, M. E., ed.: *Conservation Biology. The Science of Scarcity and Diversity*. Sunderland (Sinauer): 122-152.
- CODY, R. D. (1979): Lenticular gypsum: occurrences in nature, and experimental determinations of effects of soluble green plant material on its formation. - *J. Sedim. Petrol.* 49: 1015-1028.
- COETZEE, J. A. (1978): Climatic and biological changes in south-western Africa during the Late Cainozoic. - *Palaeoecology of Africa* 10: 13-29.
- COETZEE, J. A. (1980): Tertiary environmental changes along the south-west African coast. - *Palaeontol. Afric.* 23: 197-203.
- COLE, M. M. (1982): The influence of soils, geomorphology and geology on the distribution of plant communities in savanna ecosystems. - In: HUNTLEY, B. J. & B. H. WALKER, ed.: *loc. cit.*: 145-174.
- (1985): Vegetation as an index of edaphic and geologic influences in consideration of the use and management of savanna resources. - In: TOTHILL, J. C. & J. C. MOTT, eds.: *loc. cit.*: 323-328.
- (1986): The Savannas: Biogeography and Geobotany. London (Academic Pr.), 438pp.
- COLE, M. M. & H. D. LE ROEX (1978): The role of geobotany, biogeochemistry and geochemistry in mineral exploration in South West Africa and Botswana - a case history. - *Transact. Geol. Soc. S. Afr.* 81: 277-317.

- COLINS, R. G. (1977): Description of bone breccia and stone implement occurrences on „Ondura Karume (Kamelberg) Mountain“. - Arbeitsber. Verein für Höhlenforschung Windhoek 10: 1-6.
- CONROY, G. C., M. PICKFORD, B. SENUT, J. VAN COUVERING & P. MEIN (1992): *Otavipithecus namibiensis*, first Miocene hominoid from southern Africa. - Nature 356: 144-148.
- COOKE, H. J. (1975): The palaeoclimatic significance of caves and adjacent landforms in western Ngamiland, Botswana. - Geogr. J. 141: 430-444.
- (1980): Landform evolution in the context of climatic change and neotectonism in the middle Kalahari of north-central Botswana. - Transact. Inst. British Geogr. N. S. 5 (1): 80-99.
- (1984): The evidence from northern Botswana of Late Quaternary climatic change. - In: VOGEL, J. C., ed.: *loc. cit.*: 265-278.
- COPENHAGEN, W. J. (1953): The periodic mortality of fish in the Walvis region. Report of the Division of Fisheries, Department of Commerce and Industries (Cape Town) 14, 34pp.
- CORBETT, I. (1993): The modern and ancient pattern of sandflow through the southern Namib deflation basin. - Spec. Publ. Intern. Ass. Sedimentol. 16: 45-60.
- CORVINUS, G. (1978): Palaeontological and archaeological investigations in the lower Orange Valley from Arrisdrift to Obib (in the concession area of the Consolidated Diamond Mines of South West Africa). - Palaeoecology of Africa 10: 75-91.
- (1979): Early and Middle Stone Age sites from the raised beaches in the concession area of C. D. M. in the southern Namib Desert. Unpubl. Paper, Consolidated Diamond Mines, Windhoek.
- (1983): The Raised Beaches of the West Coast of South West Africa/Namibia. An interpretation of their archaeological and palaeontological data. = Forschgn. z. Allgem. Vergl. Archäol. 5. München (C. H. Beck), 108pp.
- (1984): Südliches Afrika. - In: BAR-YOSEF et al., eds.: Neue Forschungen zur Altsteinzeit. = Forschgn. z. Allg. Vergl. Archäol. 4: 465-547.
- CORVINUS, G. & Q. B. HENDEY (1978): A new Miocene vertebrate locality at Arrisdrift in South West Africa. - N. Jb. Geol. Pal. Mineral. 4: 193-205.
- COWLING, R. M. (1983): Phytochorology and vegetation history in the south-eastern Cape, South Africa. - J. Biogeogr. 10: 393-419.
- COWLING, R. M., K. J. ESLER, G. F. MIDGLEY & M. A. HONIG (1994): Plant functional diversity, species diversity and climate in arid and semi-arid southern Africa. - J. Arid Env. 27: 141-158.
- COWLING, R. M., G. E. GIBBS RUSSEL, M. T. HOFFMAN & C. HILTON-TAYLOR (1991): Patterns of plant species diversity in southern Africa. - In: HUNTLEY, B. J., ed.: *loc. cit.*: 19-50.
- COWLING, R. M. & D. RICHARDSON (1995): Fynbos: South Africa's Unique Floral Kingdom. Vlaeberg (Fernwood Pr.), 156pp.
- COWLING, R. M., D. M. RICHARDSON & S. M. PIERCE, eds. (1997): Vegetation of Southern Africa. Cambridge (Cambridge Univ. Pr.), 615pp.
- COWLISHAW, G. & J. G. DAVIES (1997): Flora of the Pro-Namib Desert Swakop River catchment, Namibia: community classification and implications for desert vegetation sampling. - J. Arid Env. 36: 271-290.
- CRAVEN, P. & C. MARAIS (1989): Waterberg Flora. Windhoek (Gamsberg), 143pp.
- (1992): Namib Flora. Windhoek (Gamsberg), 128pp.
- (1993): Damaraland Flora. Windhoek (Gamsberg), 127pp.
- CRAVEN, S. A. (1987): Some aspects of the history of Ghaub Cave. - Mitt. S. W. A. Wiss. Ges. Windhoek 27 (12): 1-8.
- CRERAR, S., R. G. FRY, P. M. SLATER, G. VAN LANGENHOVE & G. WHEELER (1988): An unexpected factor affecting recharge from ephemeral river flows in SWA/Namibia. - In: SIMMERS, I., ed.: Estimation of Natural Groundwater Recharge. = Proceedings of the NATO Advanced Workshop on Estimation of Natural Recharge of Groundwater, with special reference to arid and semi-arid regions, Antalya Turkey 8-15 March 1987. Dordrecht (Reidel): 11-28.
- CRUZ-URIUBE, K. & R. G. KLEIN (1983): Faunal remains from some Middle and Later Stone Age archaeological sites in South West Africa. - J. S. W. A. Wiss. Ges. 36/37: 91-114.

- CUMMING, D. H. M. (1982): The influence of large herbivores on savanna structure in Africa. - In: HUNTLEY, B. J. & B. H. WALKER, eds.: *Ecology of Tropical Savannas*. Berlin (Springer): 217-245.
- DACHROTH, W. & C. SONNTAG (1983): Grundwasserneubildung und Isotopendatierung in Südwestafrika/Namibia. - Z. dt. Geol. Ges. 134: 1013-1041.
- DARDIS, G. F. & H. R. BECKEDAHL (1988b): Gully formation in Archaean rocks at Saddleback Pass, Berberton Mountain Land, South Africa. - In: DARDIS, G. F. & B. P. MOON, eds.: *loc. cit.*: 285-297.
- DARDIS, G. F., H. R. BECKEDAHL, T. A. S. BOWYER-BOWER & P. M. HANVEY (1988): Soil erosion forms in Southern Africa. - In: DARDIS, G. F. & B. P. MOON, eds.: *loc. cit.*: 187-213.
- DARDIS, G. F. & B. P. MOON, eds. (1988): Geomorphological Studies in Southern Africa. = Proceedings of the Symposium on the Geomorphology of Southern Africa, Transkei, 8-11 April 1988. Rotterdam (Balkema), 509pp.
- DAVIES, J. H. (1942): Palgrave and Damaraland. - Archives Yearbook for South African History 1942 (II): 93-203.
- DAVIES, O. (1956): Pleistocene raised beaches in South-West Africa. - Intern. Geol. Congr., Mexico City: Proc. Ass. Afr. Geol. Surv. 20: 347-350.
- (1973): Pleistocene shorelines in the Western Cape and South-West Africa. - Ann. Natal Museum 21 (3): 719-765.
- DAVIES, O. & R. C. WALSH (1955): Raised beaches and associated Stone Age material in Namaqualand. - S. Afr. J. Sci. 51 (4): 277-282.
- DAVIS, S. (1948): From the depths of the ocean and the depths of space: phenomenon in SWA. - SWA Annual 1948: 33-37.
- DAWSON, J. B. (1980): Kimberlites and their Xenoliths. Heidelberg (Springer), 252pp.
- DEACON, H. J. (1972): A review of the post-Pleistocene in South Africa. - S. Afr. Archaeol. Soc., Goodwin Series 1: 26-45.
- (1975): Demography, subsistence, and culture during the Acheulian in Southern Africa. - In: BUTZER, K. W., G. L. ISAAC, eds.: *After the Australopithecines*. The Hague (Mouton): 543-569.
- DEACON, H. J. & J. F. THACKERAY (1984): Late Pleistocene environmental changes and implications for the archaeological record in southern Africa. - In: VOGEL, J. C., ed.: *loc. cit.*: 375-390.
- DEACON, J. (1984): Later Stone Age people and their descendants in southern Africa. - In: KLEIN, R. G., ed.: *Southern African Prehistory and Palaeoenvironments*. Rotterdam (Balkema): 221-328.
- DEACON, J. & N. LANCASTER (1988): Late Quaternary Palaeoenvironments of Southern Africa. Oxford (Clarendon Pr.), 225pp.
- DEACON, J., N. LANCASTER & L. SCOTT (1984): Evidence for Late Quaternary climatic change in southern Africa: summary of the Proceedings of the SASQUA Workshop held in Johannesburg, September 1983. - In: VOGEL, J. C., ed.: *loc. cit.*: 391-404.
- DE BEER, J. H., J. BLUME & P. F. WORTHINGTON (1981): Geophysical and Hydrogeological Investigations of the Groundwater Resources of Hereroland, South West Africa/Namibia. Conf. Final Rep. (unpubl.). Pretoria (CSIR-Geophysics Division), 66pp.
- DE BEERS PROSPECTING (1975): The Geology of the Kalahari Beds of North Eastern S. W. A.. Unpubl. Interim Report, Windhoek/Johannesburg (De Beers Prospecting Ltd.), 12pp.
- DE BOODT, M. & D. GABRIELS, eds. (1980): *Assessment of Erosion*. New York (Wiley).
- DE BOODT, M., C. VAN DEN BERGHE & D. GABRIELS (1979): Fertilizer losses associated with soil erosion. - In: LAL, R. & D. J. GREENLAND, eds.: *Soil Physical Properties and Crop Production in the Tropics*. Chichester (Wiley): 455-464.
- DE CUEVAS, B. A., G. B. BRUNDIT & A. M. SHIPLEY (1986): Low-frequency sea-level changes along the coasts of Namibia and South Africa. - Geophys. J. Royal Astronom. Soc. Oxford 87 (1): 33-42.
- DEFANT, A. (1936): Das Kaltwasserauftriebsgebiet vor der Küste Südwestafrikas. - Länderkundl. Forschg. 1936: 52-60.
- DE KOCK, W. P. (1934): The Geology of the Western Rehoboth. An Explanation of Sheet F33-W3 (REhoboth). = Memoir 1, Windhoek (S. W. A. Dept. of Mines), 148pp.
- DeMENOCAL, P. J., W. F. RUDDIMAN & E. M. POKRAS (1993): Influences of high- and low-latitude processes on African terrestrial climate: Pleistocene eolian records from equatorial Atlantic Ocean Drilling Programme Site 663. - Paleoceanography 8: 209-242.

- DEPARTMENT OF WATER AFFAIRS, ed. (1992a): Updated Isohyetal Rainfall Map for Namibia. Report No. 11/1/8/H5, Hydrology Division, Windhoek (unpubl.) 8pp + Annex.
- (1992b): Unit Runoff Map for Namibia: Hydrology Report. Report No. 11/1/5/1/H2, Dep. of Water Affairs, Windhoek (unpubl.), 40pp.
- (1993): Central Area Water Master Plan: Phase 1, Vol. 9: Environmental Aspects. - Report No. DIR/1/93/9, Windhoek (unpubl.).
- DICKINSON, W. W. & J. D. WARD (1989): Preliminary petrography of the Tsondab Sandstone Formation, Central Namib Desert. - In: WARD, J. D., M. K. SEELY & A. McLACHLAN, eds.: Geomorphology and Ecology of Desert and Coastal Sand Dunes. = Abstracts of the Dunes '89 Symposium, Swakopmund 14.-17.08.1989: 7.
- (1994): Low depositional porosity in eolian sands and sandstones, Namib Desert. - J. Sedim. Res. A64 (2): 226-232.
- DIECKMANN, H., H. P. HARRES, H. MOTHER & O. SEUFFERT (1985): Die Vegetation als Steuerfaktor der Erosion. - Geoökodynamik 6 (1/2): 121-148.
- DIEL, M. (1986): Preliminary report on the Cape Cross-Uis pegmatite field. - Comm. Geol. Surv. SWA/Namibia 2: 39-45.
- DIEM, M. (1977): Ein weiträumiger extremer Regenfall in der Kalahari. - Meteorol. Rundschau 30: 138-144.
- DIESTER-HAASS, L. (1987): History of the Benguela Current off SW Africa (DSDP Sites 362 and 532). - Palaeoecology of Africa 18: 55-70.
- (1988a): Sea-level changes, carbonate dissolution and history of the Benguela Current in the Oligocene-Miocene off Southwest Africa (Deep Sea Drilling Project, Site 362, Leg 40). - Marine Geol. 79: 312-242.
- (1988b): Late Quaternary history of continental climate and the Benguela Current off South West Africa. - in: Palaeogeogr., Palaeoclim., Palaeoecol. 65: 81-91.
- DIESTER-HAASS, L., P. A. MEYERS & P. ROTHE (1986): Light-dark cycles in opal-rich sediments near the Plio-Pleistocene boundary, DSDP Site 532, Walvis Ridge continental terrace. - Marine Geol. 77: 1-23.
- (1992): The Benguela Current and associated upwelling on the southwest African Margin: a synthesis of the Neogene-Quaternary sedimentary record at DSDP sites 362 and 532. - In: SUMMERHAYES, C. P., W. L. PRELL & K. C. EMEIS, eds.: Upwelling Systems: Evolution since the early Miocene. = Geol. Soc. Spec. Publ. 64: 331-342.
- DIESTER-HAASS, L. & P. ROTHE (1987): Plio-Pleistocene sedimentation on the Walvis Ridge, Southeast Atlantic (DSDP LEG 75, Site 532) - influence of surface currents, carbonate dissolution and climate. - Marine Geol. 77: 53-85.
- DIESTER-HAASS, L. & H.-J. SCHRADER (1979): Neogene coastal upwelling history off northwest and southwest Africa. - Marine Geol. 29: 39-53.
- DIETZEL, M. (1997): Hydrogeochemische und isotopenchemische Prozesse bei der Auflösung von Karbonatgestein und bei der Abscheidung von Calcit. - In: MATSCHULLAT, J., H. J. TOBSCHALL & H.-J. VOIGT, eds.: Geochemie und Umwelt. Berlin (Springer): 381-394.
- DIETZEL, M., E. USDOWSKI & J. HOEFS (1992): Chemical  $^{13}\text{C}/^{12}\text{C}$ - and  $^{18}\text{O}/^{16}\text{O}$ -isotope evolution of alkaline drainage waters and the precipitation of calcite. - Appl. Geochem. 7: 177-184.
- DINGLE, R. V. (1995): Continental shelf upwelling and benthic ostracoda in the Benguela System, (SE Atlantic Ocean). - Marine Geol. 122: 207-225.
- DINGLE, R. V., J. M. BREMNER, J. GIRAudeau & D. BUHMANN (1993): Quaternary history of the continental shelf northwest of Luderitz: micropalaeontological and sedimentological evidence. - Proc. 8<sup>th</sup> S. Afric. Marine Sci. Symp. Langebaan, Oct. 1993, Abstr. B10, 193pp.
- (1996): Modern and palaeo-oceanographic environments under Benguela upwelling cells off southern Namibia. - in: Palaeogeogr. Palaeoclim. Palaeoecol. 123: 85-105.
- DINGLE, R. V., W. G. SIESSER & A. R. NEWTON (1983): Mesozoic and Tertiary Geology of Southern Africa. Rotterdam (Balkema), 375pp.
- DINTER, K. (1909a): Eine botanische Forschungsreise nach dem Norden Deutsch-Südwestafrikas. - Dt. Kolonialbl. 20: 783-787.
- (1909b): Deutsch-Südwest-Afrika: Flora, forst- und landwirtschaftliche Fragmente. Leipzig (T. O. Weigel), 189pp.
- (1912): Die vegetabilische Veldkost Deutsch-Südwest-Afrikas. Okahandja (Selbstverlag), 59pp.

- (1916): Eine botanische Reise im zentralen Deutsch-Südwest-Afrika. - Ber. Naturwiss. Ges. „Isis“ 1913-1915: 28-40.
- (1921): Botanische Reisen in Deutsch-Südwest-Afrika. = Feddes Repertorium 16, Beih. 3: 169pp.
- DIXEY, F. (1955): Some aspects of the geomorphology of central and southern Africa. - Transact. Geol. Soc. S. Afr. 58 (Annexure): 1-58.
- DOIDGE, E. M. (1950): The South African fungi and lichens. - Bothalia 5: 225-376.
- DONNER, J. & K. BILLSTRÖM (1988): Carbon and oxygen stable isotope values in recent and Eemian shells from the coast of southern Africa. - Palaeoecology of Africa 19: 261-268.
- DOVE, K. (1888): Das Klima des aussertropischen Südafrika. Göttingen (Vandenhoek & Ruprecht), 160pp+App.
- (1896): Deutsch-Südwestafrika. Ergebnisse einer wissenschaftlichen Reise im südlichen Damaralande. = Peterm. Geogr. Mitt. Ergh. 120, 93pp.
- (1913): Deutsch-Südwestafrika. Berlin (Süsserott), 227pp.
- DOWNING, K. N. (1983): The stratigraphy and palaeoenvironment of the Damara-Sequence in the Okahandja Lineament area. - In: MILLER, R. McG., ed.: The Evolution of the Damara-Orogen of South West Africa/Namibia. = Special Publ. Geol. Soc. S. Afr. 11: 37-41.
- DUMONT, J. L. (1975): Les crôutes calcaires: cimentation des sable par dépôt de calcaire. - In: VOGT, T., ed.: C. R. de l'Colloque „Types de Croûtes Calcaire et leur Repartition Régionales“, Strasbourg (Univ. Louis Pasteur): 65-70.
- DURAND, J. H. (1963): Les crôutes calcaires et gypseuses en Algérie: formation et âge. - Bull. Soc. Géol. France V 7: 959-968.
- DU TOIT, A. L. (1954): The Geology of South Africa. London (Oliver & Boyd), 611pp.
- DU TOIT, M. E. & C. C. DU PREEZ (1993): Verwantskap tussen organiese materiaalinhoud van sekere onversteurde ortiese bogronde, grondeienskappe en klimaatsdata in Suid-Afrika. - S. Afr. J. Plant and Soil 10 (4): 168-173.
- DYER, T. G. J. & M. E. MARKER (1978): On the variation of rainfall over South West Africa. - S. Afr. Geogr. J. 60 (2): 144-149.
- ECKARDT, F. (1996): The Distribution and Origin of Gypsum in the Central Namib Desert, Namibia. Ph.D. Thesis (unpubl.), University of Oxford.
- ECKARDT, F. D. & R. S. SCHEMENAUER (1998): Fogwater chemistry in the Namib Desert. - Atmosp. Env. 32: 2595-2599.
- ECKARDT, F. D. & B. SPIRO (1999): The origin of sulphur in gypsum and dissolved sulphate in the Central Namib Desert, Namibia. - Sedim. Geol. 123: 255-273.
- EEN, T. G. (1872): Minnen från en flerårig vistelse i Sydvästra Afrika. Stockholm (Billes), 239pp.
- EICKER, A., G. K. THERON & N. GROBBELAAR (1982): 'n Mikrobiologiese studie van 'kaal kolle' in die Giribesvlakte van Kaokoland, S. W. A. - Namibië. - S. Afr. J. Bot. 1 (3): 69-74.
- EITEL, B. (1993): Kalkkrustengenerationen in Namibia: Carbonatherkunft und genetische Beziehungen. - Die Erde 124 (2): 85-104.
- (1994a): Kalkreiche Decksedimente und Kalkkrustengenerationen in Namibia: Zur Frage der Herkunft und Mobilisierung des Calciumkarbonats. = Stuttgarter Geogr. Stud. 123, 193pp.
- (1994b): Paläoklimaforschung: Pedogener Palygorskite als Leitmineral?. - Die Erde 123 (3): 171-179.
- (1995a): Kalkkrusten in Namibia und ihre paläoklimatische Interpretation. - Geomethodica 20: 101-124.
- (1995b): Contributions to the discrimination of Tertiary and Pleistocene calcretes in Namibia. - Regensburger Geogr. Schr. 25: 9-21.
- (1996): Neotektonische Leitlinien in Namibia: Epirogenese und Bruchtektonik östlich der großen Randstufe. - Die Erde 127: 113-126.
- EITEL, B. & W. D. BLÜMEL (1997a): Gesteinsverwitterung durch Calciumcarbonat: Beispiele aus Namibia. - Würzburger Geogr. Arb. 92: 253-268.
- (1997b): Pans and dunes in the southwestern Kalahari (Namibia): Geomorphology and evidence for Quaternary paleoclimates. - Z. Geomorph. N. F. Suppl. 111: 73-95.

- EITEL, B., W. D. BLÜMEL & K. HÜSER (1999): Der Uniab-Lehm: Relikt feuchttropischer Tertiärklimate in der nördlichen Namib (Skelettküste/Namibia). - Die Erde 130: 17-27.
- EITEL, B. & L. ZÖLLER (1996): Soils and sediments in the basin of Dieprivier-Uitskot (Khorixas District, Namibia): Age, geomorphic and sedimentological investigation, palaeoclimatic interpretation. - Palaeoecology of Africa 24: 159-172.
- ELDRIDGE, D. J. & R. S. B. GREENE (1994): Assessment of sediment yield by splash erosion on a semi-arid soil with varying cryptogam cover. - J. Arid Env. 26: 221-232.
- ELDRIDGE, D. J. & R. ROSENTRETER (1999): Morphological groups: a framework for monitoring microphytic crusts in arid landscapes. - J. Arid Env. 41: 11-25.
- ELLIS, F. & B. H. A. SCHLOMS (1982): A note on the dorbanks (duripans) of South Africa. - Palaeoecology of Africa 15: 149-157.
- ELLIS, R. P., J. C. VOGEL & A. FULS (1980): Photosynthetic pathways and the geographical distribution of grasses in South West Africa/Namibia. - S. Afr. J. Sci. 76 (7): 307-314.
- ELLIS, R. & M. SEFTON (1986): Drachenhauchloch (Dragons Breath Cave). - Bull. S. Afr. Speleol. Ass. 27: 66-71.
- ELTAYEB, M. A. H., R. E. VAN GRIEKEN, W. MAENHAUT & H. J. ANNEGARN (1993): Aerosol-soil fractionation for Namib Desert samples. - Atmospheric Env. 27A (5): 669-678.
- ELWELL, H. A. (1978): Modelling soil losses in southern Africa. - J. Agric. Engin. Res. 23: 117-127.
- (1981): A soil loss estimation technique for southern Africa. - In: MORGAN, R. P. C., ed.: Soil Conservation. Chichester (Wiley): 281-292.
- (1984): Soil loss estimation: a modelling technique. - In: HADLEY, R. F. & D. E. WALLING, eds.: Erosion and Sediment Yield: some Methods of Measurement and Modelling. Norwich (Geo Books): 15-36.
- ELWELL, H. A. & M. A. STOCKING (1976): Vegetative cover to estimate soil erosion hazard in Rhodesia. - Geoderma 15: 61-70.
- EMBLEY, R. W. & J. J. MORLEY (1980): Quaternary sedimentation and paleoenvironmental studies off Namibia (South West Africa). - Marine Geol. 66: 183-204.
- EMMERMAN, R. (1979): Aufbau und Entstehung des Erongo-Komplexes. - In: BLÜMEL, W. D., K. HÜSER & R. EMMERMANN: Der Erongo. = Wiss. Forschg. in Südwestafrika (Windhoek) 16: 16-53.
- ENDRÖDY-YOUNGA, S. (1978): Coleoptera. - In: WERGER, M. A. J., ed.: *loc. cit.*: Vol. 2: 797-821.
- (1982): The evidence of Coleoptera in dating the Namib Desert re-examined. - Palaeoecology of Africa 15: 217-223.
- ENGERT, S. (1992): Räumliche Variabilität und zeitliche Periodizität der Niederschläge im Etoscha-Nationalpark/Namibia und angrenzenden Landschaften. Diplomarb., Geogr. Inst. Univ. Regensburg, 111pp.
- (1999): Analysis of Late Summer Rainfall Distribution and Rainfall Dynamics During Wet and Dry Spells in Central and Northern Namibia. Diss. Univ. Würzburg. Marburg (Tectum), 3 Microfiches, 183pp.
- ENGERT, S. & M. R. JURY (1995): Northern Namibia Summer Rainfall: a Study of Seasonal and Intra-Seasonal Dynamical Processes. - Project Report: Namibian Agronomic Board (unpubl.), 17pp + Appendix.
- (1997): Sommerniederschläge im Norden Namibias. Vorläufige Ergebnisse einer zirkulationsdynamischen Untersuchung. - Würzburger Geogr. Arb. 92: 285-301.
- ENGLER, A. (1910): Die Pflanzenwelt Afrikas - insbesondere seiner tropischen Gebiete. - In: ENGLER A. & O. DRUDE, Hrsg.: Die Vegetation der Erde 9,1 (1).
- (1914): Farbige Vegetationskarte von Deutsch-Südwestafrika. - In: MEYER, H.: Das Deutsche Kolonialreich, Bd. 2, 2. Teil. Leipzig (Bibliographisches Institut).
- ERTLE, G. J. M. (1971): Ein Kernbeil-Fund auf Farm Paulinenhof. - Mitt. S. W. A. Wiss. Ges. 12 (8/9): 17-18.
- ESTRELA, M.-J. & T. VOGT (1989): Étude des croûtes calcaires du Quaternaire espagnol: importance d'une microflore d'eau douce. Comparaison avec le Maghreb. - Acad. Sci. Paris, C. R. Ser. II 308: 201-206.
- FAO, ed. (1974): Soil Map of the World, Vol. I: Legend, Vol. V: Africa south of the Equator. Rome (FAO-UNESCO).
- (1979): A Provisional Methodology for Soil Degradation Assessment. Food and Agriculture Organisation of the United Nations, Rome, Report, 84pp.

- (1988): Soil Map of the World, Vol. I: Revised Legend. Rome (FAO) 119pp.
- (1990): Guidelines for Soil Description. Food and Agriculture Organisation of the United Nations/International Soil Reference Information Centre (ISRIC). Rome (FAO), 70pp.
- FARNDEN, T. H. G. (1974): A Late Stone Age site on the Fish River near Mariental, South West Africa. - S. Afr. Archaeol. Bull. 29: 24-26.
- FAUPEL, J. (1974): Geologisch-mineralogische Untersuchungen am Donkerhoek-Granit (Karibib-Distrikt, Südwestafrika)= Göttinger Arb. Geol. Paläontol. 15, 95pp.
- FERREIRA, C. A. M., R. E. JACOB & J. S. MARSH (1979): Base-metal mineralization in alkaline pyroclastics - the Regenstein vent, South West Africa. - Transact. Geol. Soc. S. Afr. 82: 243-249.
- FEY, P. (1971): The Geology of a Portion of the Country between Witvlei and Omitara, South West Africa. MSc. Thesis, (Rhodes Univ.), 227pp.
- FITCH, F. J. & J. A. MILLER (1984): Dating Karoo igneous rocks by the conventional K-Ar and Ar40/Ar39 age spectrum methods. - Geol. Soc. S. Afr. Spec. Publ. 13: 247-266.
- FITZGERALD, J. W. (1991): Marine aerosols: a review. - Atmospheric Env. 25A (3/4): 533-545.
- FLACH, K. W., W. D. NETTLETON, L. M. GILE & J. G. CADY (1969): Pedocementation: induration by silica, carbonates and sequioxides in the Quaternary. - Soil Science 107: 442-453.
- FLINT, R. F. (1959): Pleistocene climates in eastern and southern Africa. - Bull. Geol. Soc. Am. 70: 343-374.
- FLOHN, H. (1988): Das Problem der Klimaänderungen in Vergangenheit und Zukunft. Darmstadt (Wissenschaftliche Buchgesellschaft), 228pp.
- FOCK, G. J. (1957): Beitrag zur Vorgeschichte von Südwestafrika. - In: CLARK, J. D. & S. COLE, eds.: Proceedings of the 3<sup>rd</sup> Pan-African Congress of Prehistory, Livingstone 1955. London (Chattus & Windus): 387-390.
- (1959): Zum Stand der Vorgeschichtsforschung in Südwestafrika. - Quartär 10/11: 213-226.
- FOCKEMA, R. A. P. & G. A. P. FRASER (1963): Discussion on paper by H. Martin - A suggested theory for the origin and a brief description of some gypsum deposits of South West Africa. - Transact. Geol. Soc. S. Afr. 66: 351.
- FORD, D. C. & J. LUNDBERG (1987): A review of dissolutional rills in limestone and other soluble rocks. - Catena Suppl. 8: 119-140.
- FRANZ, H. (1966): Quartäre Sedimente und Böden in Chile und Argentinien sowie ihre Bedeutung für die biogeographische Forschung. - Rev. Ecol. Biol. du Sol 3 (3): 355-379.
- FRANZ, H. & G. FRANZ (1968): Beitrag zur Kenntnis von Kalkkrusten in Böden der warmen Trockengebiete. - Z. Pflanzenern. Bodenk. 121: 34-42.
- FREISE, F. W. (1938): Inselberge und Inselberg-Landschaften im Granit- und Gneisgebiete Brasiliens. - Z. Geomorph. 10 (4/5): 137-169.
- FROHNE, D. & U. JENSEN (1998): Systematik des Pflanzenreichs. Stuttgart (Wiss. Verlagsges.), 371pp.
- FROMMURZE, H. F., T. W. GEVERS & P. J. ROSSOUW (1942): The Geology and Mineral Deposits of the Karibib Area, South West Africa. Explanation to Sheet 79 (Karibib, S. W. A.). Johannesburg (Geol. Surv. S. Afr.), 172pp.
- FROST, P., E. MEDINA, J. C. MENAUT, O. SOLBRIG, M. SWIFT & B. WALKER (1986): Responses of Savannas to Stress and Disturbance: a Proposal for a Collaborative Programme of Research = Biol. Intern. Spec. Iss. 10. (IUBS).
- FULLER, A. O. (1979): Phosphate occurrences on the western and southern coastal areas and continental shelves of southern Africa. - Econ. Geol. 74: 221-231.
- GAD, J. (1915): Die Betriebsverhältnisse der Farmen des mittleren Hererolandes. Hamburg (Friederichsen).
- GALLOWAY, J. N., D. L. SAVOIE, W. C. KEENE & J. M. PROSPERO (1993): The temporal and spatial variability of scavenging ratios for nss sulfate, nitrate, methane-sulfonate and sodium in the atmosphere over the north Atlantic Ocean. - Atmospheric Env. 27A (2): 235-250.
- GALTON, F. (1852): Recent expedition into the interior of south-western Africa. - J. Royal Geogr. Soc. Gr. Brit. 22: 140-163.
- (1853): The Narrative of an Explorer in Tropical South Africa. London (Murray) 314pp.

- GANSSEN, R. (1960): Die Böden Südwestafrikas. - *Die Erde* 91 (2): 115-131.
- (1963): Südwestafrika. Böden und Bodenkultur. Berlin (Reimer).
- GANSSEN, R. & W. MOLL (1961): Beiträge zur Kenntnis der Böden warm-arider Gebiete, dargestellt am Beispiel Südwestafrika. - *Z. Pflanzenern. Düngg. Bodenk.* 94/139 (1): 9-25.
- GARDNER, R. & K. PYE (1981): Nature, origin and palaeoenvironmental significance of red coastal and desert dune sands. - *Progr. Phys. Geogr.* 5: 514-524.
- GEBIEN, H. (1938): Die Tenebrioniden (Coleoptera, Heteromera) der Namib-Wüste in Südwestafrika. - *Abh. Naturwiss. Ver. Bremen* 30: 20-107.
- GEE, G. W. & J. W. BAUDER (1986): Particle-size analysis. - In: KLUTE, A., ed.: *Methods of Soil Analysis, Part 1: Physical and Mineralogical Methods.* = *Agronomy* 9 (1). Madison (Am. Soc. Agron./Soil Sci. Soc. Am.): 383-411.
- GELLERT, J. F. (1948a): Klimabedingtheit und wirtschaftsgeographische Struktur der Farmwirtschaft und Farmsiedlung in Südwestafrika. - *Erdkunde, Archiv wiss. Geogr.* 2: 282-302.
- (1948b): Niederschlagsschwankungen und Farmwirtschaft in Südwestafrika. - *Z. Meteorol.* 2 (4/5): 142-145.
- (1950a): Ein Jahrzehnt Niederschlagsschwankungen in Südwestafrika und ihre Auswirkungen auf das Weidefeld und die Wirtschaft. - *Erdkunde, Archiv wiss. Geogr.* 4: 110-112.
- (1950b): Regen und Dürrekatastrophen im südlichen Afrika. - *Urania* 13 (6): 223-229.
- (1955): Die Niederschlagsschwankungen im Hochland von Südwestafrika. = *Abh. meteorol. hydrol. Dienst DDR* 34(4). Berlin (Akademie) 78pp.
- (1962): Wetterlagen und Niederschlagsschwankungen in Süd- und Südwestafrika. - *Z. Meterol.* 16 (3/4): 103-109.
- (1966): Planetarische Zirkulation und Landschaftsgestaltung in Afrika südlich der Lundaschwelle, am Beispiel von Südwestafrika. - *Wiss. Veröffentl. Dt. Inst. Länderk. Leipzig, N. F.* 23/24: 287-305.
- (1967): Klimatisch-geomorphologische Beobachtungen und Probleme im semiariden und ariden Hochland von Südwestafrika. - *Wiss. Z. Pädagog. HS Potsdam, math.-naturwiss. Reihe* 11: 267-300.
- (1968): Die Instabilität der Niederschläge in Südwestafrika (Namibia) und die Problematik der Aussage der Instabilitätswerte in den semiariden Ländern. - *Z. Meteorol.* 22 (6/7): 223-227.
- GELOGICAL SURVEY, ed. (1982): *The Geology of South West Africa/Namibia.* Paper, Windhoek, 5pp.
- GERMS, G. J. B. (1983): Implications of a sedimentary facies and depositional environmental analysis of the Nama Group in South West Africa/Namibia. - In: MILLER, R. McG., ed.: *Evolution of the Damara Orogen or South West Africa/Namibia.* = *Spec. Publ. 11, Geol. Soc. S. Afr., Johannesburg:* 89-114.
- GERRARD, A. J. (1981): *Soils and Landforms. An Integration of Geomorphology and Pedology.* London, 219pp.
- GEVERS, T. W. (1931): Ice-Ages in Southwest-Africa. - *J. S. W. A. Sci. Soc.* 5: 77-86.
- (1932a): Die geologischen Verhältnisse der Umgebung Windhuks unter besonderer Berücksichtigung der heißen Quellen. - *J. S. W. A. Wiss. Ges.* 6: 75-80.
- (1932b): The hot springs of Windhoek, SWA. - *Transact. Geol. Soc. S. Afr.* 35: 1-28.
- (1933a): Aus der geologischen Vergangenheit Südwest-Afrikas. - *J. S. W. A. Wiss. Ges.* 6: 81-94.
- (1933b): Zur Tektonik des mittleren Südwestafrika. - *Geol. Rundschau* 24: 337-348.
- (1934a): Jüngere Vulkanschlote in den Auas-Bergen südlich von Windhoek in Südwest-Afrika. - *Z. Vulkanol.* 16: 7-42.
- (1934b): Über ein vermeintliches Eocänkonglomerat bei Usakos in Südwest-Afrika. - *Zb. Mineral. Geol. Pal. Abt. B* 7: 309-312.
- (1934c): The geology of the Windhoek District in South West Africa. - *Transact. Geol. Soc. S. Afr.* 37: 221-251.
- (1936): The morphology of the western Damaraland and the adjoining Namib Desert of South West Africa. - *S. Afr. Geogr. J.* 19: 61-79.
- (1942): The morphology of the Windhoek District, South West Africa. - *S. Afr. Geogr. J.* 24: 45-64.
- (1963): Geology along the north-western margin of the Khomas Highlands between Otjimbingue-Karibib and Okahandja, South West Africa. - *Transact. Geol. Soc. S. Afr.* 66: 199-251.

- (1965): Geologische Exkursion zum Vulkanschlot auf Farm „Regenstein“. - J. S. W. A. Wiss. Ges. 20: 95-100.
- GEVERS, T. W. & H. F. FROMMURZE (1929): The geology of north-western Damaraland in South-West Africa. - Transact. Geol. Soc. S. Afr. 32: 31-55.
- GEVERS, T. W., O. HART & H. MARTIN (1963): Thermal waters along the Swakop River, South West Africa. - Transact. Geol. Soc. S. Afr. 66: 157-189.
- GEVERS, T. W. & J. P. VAN DER WESTHUYZEN (1931): The occurrences of salt in the Swakopmund area, South West Africa. - Transact. Geol. Soc. S. Afr. 34: 61-80.
- GEYER, G. & A. UCHMANN (1995): Ichnofossil assemblages from the Nama Group (Neoproterozoic-Lower Cambrian) in Namibia and the Proterozoic-Cambrian boundary problem revisited. - Beringeria Spec. Issue 2: 175-202.
- GEYH, M. A. (1995): Geochronologische Aspekte paläohydrologischer und paläoklimatischer Befunde in Namibia. - Geomethodica 20: 75-99.
- GIBBS RUSSEL, G. E. & J. J. SPIES (1988): Variation in important pasture grasses: I. Morphological and geographical variation. - J. Grassl. Soc. S. Afr. 5 (1): 15-21.
- GIBBS-RUSSEL, G. E., L. WATSON, M. KOEKEMOER, L. SMOOK, N. P. BARKER, H. M. ANDERSON & M. J. DALLWITZ (1991): Grasses of Southern Africa. = Memoirs Bot. Surv. S. Afr. 58. Pretoria, 437pp.
- GIESS, W. (1962): Some Notes on the Vegetation of the Namib Desert with a List of Plants Collected in the Area. = Scientific Papers of the Namib Desert Research Station 3 (8): 1-35.
- (1966): „Veldkost“ in S. W. A. - J. S. W. A. Wiss. Ges. 20: 59-68.
- (1968a): A short report on the vegetation of the Namib coastal area from Swakopmund to Cape Fria. - Dinteria 1: 13-29.
- (1968b): Die Gattung *Rhigozum* Burch. und ihre Arten in Südwestafrika. - Dinteria 1: 31-51.
- (1969): Die Verbreitung von *Lindernia intrepidus* (Dinter) Oberm. (*Chamaegigas intrepidus* Dinter) in Südwestafrika. - Dinteria 2: 23-28.
- (1971, 1998): Eine vorläufige Vegetationskarte von Südwestafrika. - Dinteria 4: 31-114.
- (1981): Die in der zentralen Namib von Südwestafrika/Namibia festgestellten Pflanzenarten und ihre Biotope. - Dinteria 15: 13-69.
- (1984): Die Pflanzenwelt des Großen Gamsbergs. - J. S. W. A. Wiss. Ges. 38: 29-47.
- (1989): Bibliography of South West African Botany. Windhoek (S. W. A. Wiss. Ges.), 236pp.
- GIGON, A. (1984): Typologie und Erfassung der ökologischen Stabilität und Instabilität mit Beispielen aus Gebirgsökosystemen. - Verh. Ges. Ökologie (Bern) 12: 13-29.
- GILLON, D. (1983): The fire problem in tropical savannas. - in: BOURLIÉRE, F., ed.: *loc. cit.*: 617-642.
- GINGELE, F. X. (1996): Holocene climatic optimum in Southwest Africa - evidence from the marine clay mineral record. - Palaeogeogr. Palaeoclim. Palaeoecol. 122: 77-87.
- GIRARDINO, J. R. & R. MÄCKEL (1985): Correlative development of dambos and dwala: plateau regions of Zambia. - Z. Geomorph. N. F. Suppl. 52: 187-200.
- GLADCZENKO, T. P., K. HINZ, O. EDHOLM, H. MEYER, S. NEBEN & J. SKOGSEID (1997): South Atlantic volcanic margins. - J. Geol. Soc. London 154: 465-470.
- GOETZ, H. (1936): Hochwasser im Swakop-Tal 1934. - in: Koloniale Rundschau 27: 66-67.
- GOLDAMMER, J. G., ed. (1990): Fire in Tropical Biota. Berlin (Springer).
- GOLDBLATT, P. (1978): An analysis of the flora of southern Africa: its characteristics, relationships and origins. - Ann. Missouri Botanical Gardens 65: 369-436.
- GOLF, A. (1911): Ackerbau in Deutsch-Südwestafrika: Das Trockenfarmen und seine Anwendung in D. S. W. A.. Berlin (Süsserott). 64pp.
- GOUDIE, A. S. (1972): Climate, weathering, crust formation, dunes, and fluvial features of the Central Namib Desert, near Gobabeb, South West Africa. - Madoqua Ser. II, 1 (54-62): 15-31.
- (1973): Duricrusts in Tropical and Subtropical Landscapes. Oxford (Clarendon Pr.), 153pp.

- (1981): Geomorphological Techniques. London (Allen & Unwin), 395pp.
- (1983): Calcrete. - In: GOUDIE, A. S. & K. PYE, eds.: Chemical Sediments and Geomorphology. London (Academic Pr.): 93-131.
- (1991): Pans. - Progr. Phys. Geogr. 15 (3): 221-237.
- GOUDIE, A. S., R. U. COOKE & J. C. DOORNKAMP (1979): The formation of silt from quartz dune sand by salt-weathering processes in deserts. - J. Arid Env. 2: 105-112.
- GOUDIE, A. S. & P. MIGÓN (1997): Weathering pits in the Spitzkoppe area, Central Namib Desert. - Z. Geomorph. N. F. 41 (4): 417-444.
- GOUDIE, A. S. & A. G. PARKER (1998): Experimental simulation of rapid rock block disintegration by sodium chloride in a foggy coastal desert. - J. Arid Env. 40: 347-355.
- GOUDIE, A. S. & D. S. G. THOMAS (1985): Pans in southern Africa with particular reference to South Africa and Zimbabwe. - Z. Geomorph. N. F. 29: 1-19.
- GRAHAM, R. C., P. J. SCHOENEBERGER, M. A. ANDERSON, P. D. STERNBERG & K. R. TICE (1997): Morphology, porosity, and hydraulic conductivity of weathered granitic bedrock on overlying soils. - J. Soil Sci. Soc. Am. 61: 516-522.
- GREEN, F. (1860): Narrative of a journey to Ovamboland. - Cape Monthly Mag. 7 (May 1860): 302-307 + 353-363.
- GROSSARTH, G. (1932): Das Gebiet der Nordfelder zwischen Conceptionbai und Meob an der Küste Südwestafrikas. Unpubl. Typescript, Klein-Windhoek, 8pp.
- GRUET, M. & E. ZELLE (1955): Découverte de sphères à Windhoek (South West Africa). - Actes du II<sup>me</sup> Congrès Panafricaine de Préhistoire, Alger 1952, Paris: 457-460.
- GRUNER, F. (1910): Charakteristische Bodenarten aus der Umgebung von Habis in Südwestafrika. - Der Tropenpflanzer 14: 634-641.
- GUILCHER, A. (1982): Problèmes climato-océanographiques du désert côtier d'Angola, particulièrement à la baie des Tigres (16°35'S). - Norois 116: 507-517.
- GÜNSTER, A. (1995): Grass cover distribution in the central Namib - a rapid method to assess regional and local rainfall patterns of arid regions. - J. Arid Env. 29: 107-114.
- GUNTHORPE, R. J. & A. D. BUERGER (1979): The Otjisazu Igneous Complex - a recently identified carbonatite locality in central South West Africa/Namibia. - Abstr. 18<sup>th</sup> Congr. Geol. Soc. S. Afr., Port Elizabeth 1978, Vol. 1: 161-163.
- (1986): Geology and economic evaluation of the Otjisazu alkaline igneous complex, central South West Africa/Namibia. - In: ANHAEUSER, C. R. & S. MASKE, eds.: Mineral Deposits of Southern Africa, Vol 2. Johannesburg (Geol. Soc. S. Afr.): 2255-2260.
- GÜRICH, G. (1930): Die Konglomerate von Usakos in Südwest-Afrika. - Z. Dt Geol. Ges. 82: 719-721.
- HAACKE, W. D. (1975): Herpetological investigations in the sand sea of the southern Namib. - Bull. Transvaal-Museum 15: 8-10.
- HAACKE, W. D. & F. J. ODENDAAL (1981): The distribution of the genus *Rhoptropus* (Reptilia, Gekkonidae) in the central Namib Desert. - Madoqua 12 (4): 199-215.
- HABER, W. (1979): Theoretische Anmerkungen zur „ökologischen Planung“. - Verh. Ges. Ökologie (Münster) 7: 19-30.
- HADDON, I. G. (1999): Tectonic and geological controls over Kalahari Group deposition. - In: LEE-THORP, J. & H. CLIFT, eds.: The Environmental Background to Hominid Evolution in Africa. Abstr. Vol. XV International Congress of the International Union for Quaternary Research Durban 1999, Poster+Abstract: 75.
- HAELBICH, J. W. (1964): First Report on a Preliminary Investigation of Clay Deposits in Central S. W. A.. Unpubl. Report, Geological Survey of South West Africa, Windhoek, 10pp.
- HAGEDORN, J. (1988): Silcretes in the western Little Karoo and their relation to geomorphology and palaeoecology. - Palaeoecology of Africa 19: 371-375.
- HAHN, C. H. & J. RATH (1859): Reise der Herren Hugo Hahn und Rath im südwestlichen Afrika, Mai bis September 1857. - Peterm. Geogr. Mitt. 5: 295-303.
- HAHN, J. (1869): Die Ovaherero. - Z. Ges. Erdk. Berlin 4: 226-258.

- HALENKE, H. (1942): Viehwirtschaft in Deutsch-Südwestafrika. Probleme der Akklimatisation und Tierzucht. – Mitt. der Gruppe dt. kolonialwirtsch. Unternehmungen 5, Berlin (deGruyter): 61-148.
- HALENKE, W. (1994): Archaeological sites at Hohewarte. – Mitt. Namibia Wiss. Ges. 35 (11-12): 149-153.
- HALLAM, C. D. (1964): The geology of the coastal diamond deposits of Southern Africa. - In: HAUGHTON, S. H., ed.: The Geology of some Ore Deposits in Southern Africa. Pretoria (Geol. Soc. S. Afr., Handbook 2): 671-728.
- HALLÉ, F., R. A. A. OLDEMAN & P. B. TOMLINSON (1978): Tropical Trees and Forests. An Architectural Analysis. Berlin (Springer), 441pp.
- HAMBLETON-JONES, B. B. (1976, 1984): The Geology and Geochemistry of some Epigenetic Uranium Deposits Near the Swakop River, South West Africa. Dissertation, Univ. of Pretoria. - Publ. in: Nuclear Development Corporation of South Africa (NUCOR) Pretoria, = PER Report 78, 308pp.
- HAMBLETON-JONES, B. B., M. LEVIN & G. F. WAGENER (1986): Uraniferous surficial deposits in Southern Africa. - In: ANHEUSSER, C. R. & S. MASKE, eds.: Mineral Deposits of Southern Africa I. Johannesburg (Geol. Soc. S. Afr.): 2269-2287.
- HAMBLETON-JONES, B. B. & P. D. TOENS (1978): The Geology and geochemistry of calcrete/gypcrete unuranium deposits in Duricrust, Namib Desert, South West Africa. - Econ. Geol. 73 (8): 1407-1408.
- (1980): Preliminary Report on the Geology of a Calcrete Occurrence in South West Africa. Pretoria (Atomic Energy Board of South Africa) = PER-Report 52, 14pp.
- HAMILTON, W. R. & J. A. VAN COUVERING (1977): Lower Miocene mammals from South West Africa. - Transvaal Museum Bull./Namib Bull. Suppl. 2: 9-11.
- HARMSE, J. T. (1980): Die noortwartse begrensing van die Sentrale Namib duinsee langs die Benede-Kuiseb. Unpubl. M. A.- Thesis, Univ. of Stellenbosch, 229pp.
- HARMSE, J. T., P. G. OLIVIER & A. S. GOUDIE (1990): A Bibliography of Pans and Related Deposits. Johannesburg (Rand Afrikaans Univ. Pr.), 108pp.
- HARRISON, M. S. J. (1988a): The components of analogue concepts of southern African Quaternary climate variations: A critique. - Palaeoecology of Africa 19: 283-292.
- (1988b): The status of general circulation model simulations of southern African Quaternary climates. - Palaeoecology of Africa 19: 293-303.
- HART, O. O. & J. J. V. VAN ZIJL (1970): A Study of the Water Resources of the Omaruru River Delta in SWA. Report of the National Institute for Water Research, CSIR, Pretoria, 24pp.
- HART, T. J. & R. I. CURRIE (1960): The Benguela Current. - Cambridge Discovery Rep. 31: 123-298.
- HARTGE, K. H. & R. HORN (1989): Die physikalische Untersuchung von Böden. Stuttgart (Enke), 175pp.
- (1991): Einführung in die Bodenphysik. Stuttgart (Enke), 303pp.
- HARTLEB, J. W. O. (1988): The Langer Heinrich Uranium Deposit, South West Africa/Namibia. - Ore Geol. Rev. 3: 277-287.
- HAUGHTON, S. H. (1932a): The late Tertiary and recent deposits of the west coast of South Africa. - Transact. Geol. Soc. S. Afr. 34: 19-57.
- (1932b): The fossil Equidae of South Africa. - Ann. S. Afr. Museum 28: 407-427.
- (1969): Geological History of Southern Africa. Johannesburg (Geol. Soc. S. Afr.), 535pp.
- HAUGHTON, S. H., H. F. FROMMURZE, T. W. GEVERS, C. M. SCHWELLNUS & P. J. ROSSOUW (1939): The Geology and Mineral Deposits of the Omaruru Area, South West Africa. Explanation to Sheet 71 (Omaruru, S. W. A.). Johannesburg (Geol. Surv. S. Afr.), 151pp.
- HAY, W. W. (1993): Pliocene-Quaternary upwelling in the Southeastern Atlantic may reflect changes in water mass production. – Proc. 1<sup>st</sup> R. C. A. N. S. Congress, Lisboa 1992. = Ciências da Terra (UNL) 12: 191-201, Lisboa.
- HAY, W. W. & J. C. BROOK (1992): Temporal variations in intensity of upwelling off southwest Africa. – Geol. Soc. London Spec. Publ. 63: 463-497.

- HAYNES, G. (1996): Quaternary climate and environmental changes in Hwange National Park, Zimbabwe. - In: PWITI, G. & R. SOPER, eds.: *Aspects of African Archaeology*. = Proc. 10<sup>th</sup> Congr. Pan-African Ass. Prehistory and Related Studies, Harare 1995. Harare (Univ. of Zimbabwe): 71-81.
- HAYWOOD, J. M., V. RAMASWAMY & B. J. SODEN (1999): Tropospheric aerosol climate forcing in clear sky satellite observation over the oceans. - *Science* 283: 1299-1303.
- HEAD, K. H. (1992ff): *Manual of Soil Laboratory Testing*. 3 Vols.: Vol. 1: Soil Classification and Compaction Tests; Vol. 2: Permeability Shear Strength and Compressibility Tests, 442pp; Vol. 3: Effective Stress Tests, 428pp. Chichester (Wiley).
- HEDBERG, R. M. (1976): Stratigraphy of the Ovamboland Basin, South West Africa. Ph.D. Thesis (unpubl.). Harvard (Harvard Univ.), 538pp.
- (1979): Stratigraphy of the Ovamboland Basin, South West Africa. = *Precambrian Res. Unit Bull.* 24, Cape Town, 325pp.
- HEGENBERGER, W. (1987): Stand der geologischen Kenntnisse über das Kavangogebiet. - *J.S. W.A. Wiss. Ges.* 40/41: 97-114.
- (1993): Stratigraphy and Sedimentology of the Late Precambrian Witvlei an Nama Groups, East of Windhoek. = *Geol. Surv. Namibia Mem.* 17, 82pp.
- HEGENBERGER, W. & K. G. SEGER (1980): The Geology of the Gobabis Area: Explanation of Sheet 2218, Scale 1:250.000. - Windhoek (Department of Economic Affairs/Geol. Surv.), 11pp.
- HEIDTKE, P. (1919): Die Niederschlagsverhältnisse von Deutsch-Südwestafrika. – *Mitt. a. d. dt Schutzgeb.* 1919: 36-386.
- HEIM, D. (1990): Tone und Tonminerale. Stuttgart (Enke), 157pp.
- HEINE, K. (1978a): radiocarbon chronology of Late Quaternary lakes in the Kalahari, southern Africa. - *Catena* 5 (2): 145-149.
- (1978b): Jungquartäre Pluviale und Interpluviale in der Kalahari (südliches Afrika). - *Palaeoecology of Africa* 10: 31-39.
- (1979): Reply to Cooke's discussion of: K. Heine: Radiocarbon chronology of Late Quaternary lakes in the Kalahari, southern Africa. - *Catena* 6 (3/4): 259-266.
- (1980): Wann hat es in der Kalahari geregnet?. - *Umschau* 80 (8): 250-251.
- (1981): Aride und pluviale Bedingungen während der letzten Kaltzeit in der Südwest-Kalahari (südliches Afrika). - *Z. Geomorph. Suppl.* 38: 1-37.
- (1982): The main stages of the Late Quaternary evolution of the Kalahari region, southern Africa. - *Palaeoecology of Africa* 15: 53-76.
- (1987a): Anthropogenetic sedimentological changes during the Holocene in southern Africa. - *Striae* 26: 41-50, Uppsala.
- (1987b): Jungquartäre fluviale Geomorphodynamik in der Namib, Südwestafrika/ Namibia. - *Z. Geomorph. Suppl.* 66: 113-134.
- (1987c): Zum Alter jungquartärer Seespiegelschwankungen in der mittleren Kalahari, südliches Afrika. - *Palaeoecology of Africa* 18: 73-101.
- (1988a): Klimavariabilität und Bodenerosion in Südafrika. – *Geogr. Rundschau* 40 (12): 6-14.
- (1988b): Southern African palaeoclimates 35-25 ka ago: A preliminary summary. - *Palaeoecology of Africa* 19: 305-315.
- (1990a): Klimaschwankungen und klimagenetische Geomorphologie am Beispiel der Namib. - *Berliner Geogr. Stud.* 30: 221-234.
- (1990b): Some observations concerning the age of the dunes in the western Kalahari and palaeoclimatic implications. - *Palaeoecology of Africa* 21: 161-178.
- (1991): Paläoklima und Reliefentwicklung der Namibwüste im überregionalen Vergleich. - *Geomethodica* 16: 53-92.
- (1992): On the ages of humid Late Quaternary phases in southern African arid areas (Namibia, Botswana). - *Palaeoecology of Africa* 23: 149-164, Rotterdam.
- (1993): Zum Alter jungquartärer Feuchtphasen im ariden und semiariden südwestlichen Afrika. - *Würzburger Geogr. Arb.* 87: 149-162.

- (1995): Paläoklimatische Informationen aus südwestafrikanischen Böden und Oberflächenformen: Methodische Überlegungen. - *Geomethodica* 20: 27-74.
- HEINE, K. & M. A. GEYH (1984): Radiocarbon dating of Speleothems from the Rössing Cave, Namib Desert, and palaeoclimatic implications. - In: VOGEL, J. C., ed.: *loc. cit.*: 465-470.
- HEINE, K. & R. WALTER (1996): Gypcretes of the central Namib Desert, Namibia. - *Palaeoecology of Africa* 24: 173-201.
- (1997): Die Gipskrustenböden der Namib (Namibia) und ihr paläoklimatischer Aussagewert. - *Peterm. Geogr. Mitt.* 140 (4): 237-253.
- HEISTERMANN, C. (1993): Geoarchäologische Untersuchungen zur holozänen Landschaft im saharanischen Nordosten der Republik Niger. Unpubl. Diplomarbeit, Geogr. Inst. Univ. Würzburg.
- HELGREN, D. M. & A. S. BROOKS (1983): Geoarchaeology at Gci, a Middle Stone Age and Later Stone Age site in the northwest Kalahari. – *J. Archaeol. Sci.* 10: 181-197.
- HENDEY, Q. B. (1978): The age of the fossils from Board's Quarry, Langebaanweg, South Africa. - *Ann. S. Afr. Museum* 75 (1): 1-24.
- (1981): Palaeoecology of the late Tertiary fossil occurrences in 'E' Quarry, Langebaanweg, South Africa, and a reinterpretation of their geological context. - *Ann. S. Afr. Museum* 84: 1-104.
- (1984): Southern African late Tertiary vertebrates. - In: KLEIN, R. G., ed.: *loc. cit.*: 81-106.
- HERDTFELDER, R. (1984): Der Etoscha-Nationalpark: Ein Leitfaden für ökologische und Verhaltenbeobachtungen. Windhoek (S. W. A. Wiss. Ges.), 187pp.
- HERMANN, E. (1914): Viehzucht und Bodenkultur in Deutsch-Südwestafrika. Berlin (Deutscher Kolonialverlag), 160pp.
- HERMANN, P. (1909): Beiträge zur Geologie von Deutsch-Südwestafrika I: Die geologische Beschaffenheit des mittleren und nördlichen Teils der deutschen Kalahari. - *Z. prakt. Geol.* 17 (9): 372-396.
- (1910): Beiträge zur Geologie von Deutsch-Südwestafrika II: Die chemische und petrographische Beschaffenheit der Kalaharikalke sowie ihre Fossilführung. - *Z. prakt. Geol.* 18: 260-262.
- HESS, S. (1989): Böden und Klima im Otjihaenena-Tal (Namibia). Beurteilung und Bewertung für Regenfeldbau, insbesondere Maisanbau. Unpubl. Dipl.-Arb., Geogr. Inst. Univ. Würzburg, 146pp.
- HINDORF, R. (1894): Die Bodenverhältnisse von Deutsch-Südwest-Afrika. Denkschrift betreffend das südwestafrikanische Schutzgebiet. Berlin (Mittler), 261pp.
- (1902): Der landwirtschaftliche Wert und die Besiedlungsfähigkeit Deutsch-Südwestafrikas. Berlin (Mittler), 88pp.
- HINES, C. J. H. (1992): An Ecological Study of the Vegetation of Eastern Bushmanland (Namibia) and its Implications for Development. M.Sc. Thesis, University of Natal, Pietermaritzburg, 160pp.
- HITCHCOCK, R. K. (1982): Prehistoric Hunter-Gatherer adaptations. - In: HITCHCOCK, R. R. & M. R. SMITH, eds.: *Proceedings of the Symposium on Settlement in Botswana, Gaborone 1980*. Gaborone (Botswana Soc.): 47-72.
- HOFFMANN, C. (1975): Der episodisch fließende Swakop und seine Deltabildungen. - *Natur + Museum* 105 (8): 245-250.
- HOLT, B. D., D. T. CUNNINGHAM & A. G. ENGELKEMIER (1978): Application of oxygen-18 analysis to the study of atmospheric sulphate formation. – *Bull. New Zealand Dept. of Scientific and Industrial Res.* 220: 105-109.
- HOOGHIEMSTRA, H. (1996): Aspects of Neogene-Quaternary environmental and climatic change in equatorial and Saharan Africa. - *Palaeoecology of Africa* 24: 115-132.
- HOPKINS, B. (1983): Successional processes. - in: BOURLIÈRE, F., ed.: *loc. cit.*: 605-615.
- HORSTMEDKE, E. (1992): Fazies der Karoo sedimente in der Huab-Region, Damaraland, NW-Namibia. = Göttinger Arb. Geol. Paläontol. 55, 102pp.
- HORTA, J. C. de O. S. (1980): Calcrete, gypcrete and soil classification in Algeria. - *Engineering Geol.* 15: 15-52.
- HÖVERMANN, J. (1978): Formen und Formung in der Pränamib. – *Z. Geomorph. N. F. Suppl.* 30: 55-73.
- (1988): The Sahara, Kalahari and Namib deserts: A geomorphological comparison. - In: DARDIS, G. F. & B. P. MOON, eds.: *loc. cit.*: 71-83.
- HUNTLEY, B. J. (1982): Southern African Savannas. - In: HUNTLEY, B. J. & B. H. WALKER, eds.: *loc. cit.*: 101-119.

- , ed. (1985): The Kuiseb Environment: the Development of a Monitoring Baseline. = S. Afr. Nat. Sci. Progr. Rep. 106, Pretoria (CSIR) 135pp.
- , ed. (1991): Biotic Diversity in Southern Africa. Cape Town (Oxford Univ. Pr.), 380pp.
- HUNTLEY, B. J. & B. H. WALKER, eds. (1982): Ecology of Tropical Savannas. Berlin (Springer), 669pp.
- HÜSER, K (1976a): Der Niederschlagsgang und die Niederschlagsverteilung im Gebiet des Erongo, mittleres Südwestafrika. - J. S. W. A. Wiss. Ges. 30: 7-24.
- (1976b): Kalkkrusten im Namib-Randbereich des mittleren Südwestafrika. – Mitt. Basler Afrika-Bibliogr. 15 (= Geomethodica 1): Methodisch-geomorphologische Probleme der ariden und semiariden Zone Südwestafrikas: 51-82.
- (1977): Namibrand und Erongo. Zur Geomorphologie zweier südwestafrikanischer Landschaften. = Karlsruher Geogr. H. 9, 214pp.
- (1979a): Die morphologische Entwicklung des Erongo und seiner Vorländer (Morphogenese). - In: BLÜMEL, W. D., K. HÜSER & R. EMMERMANN: Der Erongo. = Windhoek (Wiss. Ges.), Wiss. Forschg. S. W. A. 16: 79-86.
- (1979b): Reliefgenese in Südwestafrika als Beispiel für Formungsgeschichte in semiariden Zonen. - Z. Geomorph. N.F. Suppl. 33: 99-108.
- (1989): Die Südwestafrikanische Randstufe: Grundsätzliche Probleme ihrer geomorphologischen Entwicklung. - Z. Geomorph. N. F. Suppl. 74: 95-110.
- (1991): Über die Randstufe Südafrikas: Wissenschaftshistorischer Rückblick und heutiger Forschungsstand vorwiegend geomorphologischer Fragestellungen. - Geomethodica 16: 23-51.
- HÜSER, K., W. D. BLÜMEL & B. EITEL (1997): Geomorphologische Untersuchungen an Rivierterrassen im Mündungsbereich des Uniab (Skelettküste/NW-Namibia). - Zbl. Geol. Paläontol. Teil I (1/2): 1-21.
- (1998): Landschafts- und Klimageschichte des südwestlichen Afrika. - Geogr. Rundschau 50 (4): 238-244.
- HUTCHINGS, L., G. C. PITCHER, T. A. PROBYN & G. W. BAILEY (1995): The chemical and biological consequences of coastal upwelling. - In: SUMMERHAYES, C. P., K.-C. EMEIS, M. V. ANGEL, R. L. SMITH & B. ZEITSCHEL, eds.: Upwelling in the Ocean: Modern Processes and Ancient Records. London (Wiley): 65-81.
- HUTCHINSON, P. (1995): The Climatology of Namibia and its Relevance to the Drought Situation. - in: MOORSOM, R. et al., eds.: *loc. cit.*: 17-38.
- HYDE, L. W. (1971): Groundwater supplies in the Kalahari area, Botswana. - Botswana Notes and Rec., Spec. Ed. 1: 77-87.
- IMMENDORF, D. (1907): Über die Zusammensetzung einiger Bodenproben aus dem Gebiet der Reiseroute des Dr. Schulze. - In: SCHULZE, L.: Aus Namaland und Kalahari. Jena (Fischer): 684-687.
- INSKEEP, R. R. (1978a): The Peopling of Southern Africa. Cape Town (D. Philip), 160pp.
- (1978b): The Bushmen in Prehistory. - In: Tobias, P. V., ed.: The Bushmen. Cape Town (Human & Rousseau): 33-56.
- IRISH, J. (1991): Conservation aspects of karst waters in Namibia. - Madoqua 17 (2): 141-146.
- (1994): The Biomes of Namibia, as determined by objective categorisation. - Navor. Nas. Museum Bloemfontein 10(13): 550-592.
- IRISH, J., J. E. J. MARTINI & J. C. E. MARAIS (1991): Cave investigations in Namibia III. Some 1991 SWAKNO results. - Bull. S. Afr. Speleol. Ass. 32: 48-71.
- JACKSON, S. P. & P. D. TYSON (1971): Aspects of weather and climate over southern Africa: Occasional Paper 6, Environmental Studies. Department of Geography, University of the Witwatersrand, Johannesburg.
- JACOBSON, L. (1976): A critical review of the Damaraland Culture. - Cimbebasia Ser. B, Vol. 2 (8): 205-208.
- (1978): Report on archaeological and palaeoecological studies in the Gobabis district, South West Africa. - Palaeoecology of Africa 10: 93-94.
- (1979): The Brandberg: A re-investigation. - Mitt. S. W. A. Wiss. Ges. 19 (10/11): 17-19.
- (1987): The archaeology of the Kavango. - J. S. W. A. Wiss. Ges. 40/41: 149-157.
- JACOBSON, N. H. G. & H. MOSS (1987): A contribution to the flora of the Northern Namib. - Dinteria 19: 27-68.

- JACOBSON, P. J., K. M. JACOBSON, P. L. ANGERMEIER & D. S. CHERRY (2000): Hydrologic influences on soil properties along ephemeral rivers in the Namib Desert. - *J. Arid Env.* 45 (1): 21-34.
- JACOBSON, P. J., K. M. JACOBSON & M. K. SEELY (1995): Ephemeral Rivers and Their Catchments. Sustaining People and Development in Western Namibia. Windhoek (Desert Research Foundation of Namibia), 160pp.
- JAEGER, F (1920): Die kulturgeographische Wandlung von Südwestafrika während der deutschen Herrschaft. - *Geogr. Z.* 26: 305-316.
- (1922): Die Ergebnisse meiner Forschungen in Deutsch-Südwestafrika 1914-1919. - Verh. 20. dt Geogr. Tag Leipzig. Berlin: 19-34.
- (1923): Die Grundzüge der Oberflächengestalt von Südwestafrika. - *Z Ges. Erdkunde Berlin*: 14-24.
- (1928): Das Windhoeker Hochland. - *Koloniale Studien* (Hans-Meyer-Festschrift), Berlin: 109-131.
- (1930a): Probleme der Großformen Afrikas. - *Peterm. Geogr. Mitt. Ergh.* 209: 136-146.
- (1930b): Scheinbare Wiederbelebung der Erosion (Swakop). - *Peterm. Geogr. Mitt.* 76: 125-126.
- (1939): Trockenseen der Erde. - *Peterm. Geogr. Mitt. Ergh.* 236: 1-159, 1. Teil: Pfannen des südl. Afrika: 1-96.
- (1951): Die morphologische Erforschung der südafrikanischen Randstufe. - *Peterm. Geogr. Mitt.* 95 (1): 38-39.
- (1965): Geographische Landschaften Südwestafrikas. Windhoek (S. W. A. Wiss. Ges.), 251pp.
- JAEGER, F. & L. WAIBEL (1920): Beiträge zur Landeskunde von Südwestafrika, Teil I. = *Mitt. Dt. Schutzgeb. Ergh.* 14: 28-78.
- (1923): Beiträge zur Landeskunde von Südwestafrika, Teil II. = *Mitt. Dt. Schutzgeb. Ergh.* 15: 44-136.
- JANKOWITZ, W. J. & H. J. T. VENTER (1987): Die plantgemeenskape van die Waterberg-platopark. - *Madoqua* 15 (2): 97-146.
- JESSEN, O. (1943): Die Randschwellen der Kontinente. = *Peterm. Geogr. Mitt. Ergh.* 241, 205pp.
- JEUTTER, P. W. (1996a): The 1992 Drachenhauchloch Survey. - *Bull. S. Afr. Speleol. Ass.* 37: 4-5.
- , ed. (1996b): Otavi '95. = Report of the Speleological Expedition to the Otavi Mountains in Northern Namibia, February 1995. Bad Mitterndorf/Austria (Verein für Höhlenkunde in Obersteier), 108pp.
- , ed. (1998): Otavi '98. = Report of the Speleological Expedition to the Otavi Mountains in Northern Namibia, January 1998. Bad Mitterndorf/Austria (Verein für Höhlenkunde in Obersteier), 173pp.
- JONES, B. F. & E. GALAN (1988): Sepiolite and palygorskite. - In: BAILEY, S. W., ed.: Hydrous phyllosilicates. = Mineralogical Society of America: *Reviews in Mineralogy* 19: 631-674.
- JONES, G. A. (1977): Soil Classification for Engineering Purposes. - *Proc. 7<sup>th</sup> Nat. Congr. Soil Sci. Soc. S. Afr.*, Pretoria: 40-50.
- JOUBERT, A. M. (1995): Simulations of southern African climate by early generation general circulation models. - *S. Afr. J. Science* 91 (2): 85-91.
- JOUBERT, D. F. (1997): Grazing gradients in the Highland Savanna vegetation of Namibia - *Dinteria* 25: 69-86.
- JOUBERT, E. (1971): The physiographic, edaphic and vegetative characteristics found in the western Etosha National Park. - *Madoqua Ser. I*, 45-32.
- JUNG, F. (1932): Untersuchungen über Regenschwankungen und Häufigkeit unter Berücksichtigung des Anbaus, ausgeführt am Beispiel Südafrikas. Unpubl. Dissertation Philosophische Fakultät, Universität Giessen, 58pp.
- JÜRGENS, N. (1986): Untersuchungen zur Ökologie sukkulenter Pflanzen des südlichen Afrika. - *Mitt. Inst. Allg. Botanik Hamburg* 21: 139-365.
- (1991): A new approach to the Namib region: I. Phytogeographic subdivision. - *Vegetatio* 97: 21-38.
- (1997): Floristic biodiversity and history of African arid regions. - *Biodiversity and Conservation* 6: 495-514.
- (1999): Phytogeography of the Namib Desert Region. Patterns and Historical Processes. = *Africa Oecologica* 1. Köln (Heinrich-Barth-Institut), 592pp+maps.
- JÜRGENS, N. & A. NIEBEL (1991): The unknown Lichen Hill. - *Veld and Flora* 77 (1): 24-26.

- JÜRGENS, N. & A. NIEBEL-LOHMANN (1995): Geobotanical observations on lichen fields of the southern Namib Desert. - Mitt. Inst. Allg. Botanik Hamburg 25: 135-156.
- JURY, M. R. (1995): A review of research on ocean-atmosphere interactions and South African climate variability. - S. Afr. J. Science 91 (6): 289-294.
- JURY, M. R., J. A. LINDESAY & I. WITTMEYER (1993): Flood episodes in central South Africa from satellite and ECMWF data. - S. Afr. J. Science 89 (6): 263-269.
- JURY, M. R. & B. M. R. PATHACK (1993): Composite climatic patterns associated with extreme modes of summer-rainfall over southern Africa: 1975-1984. - Theoretical Appl. Climatol. 47: 137-145.
- KAHN, W. (1965): Die Felszeichnungen auf der Farm Etemba im Erongogebirge. Windhoek (S. W. A. Wiss. Ges.), 129pp.
- KAISER, E. (1923a): Kaolinisierung und Verkieselung als Verwitterungsvorgänge in der Namib Südwestafrikas. - Z. Kristallogr. Kristallgeom. 58: 125-146.
- (1923b): Abtragung und Auflagerung in der Namib, der südwestafrikanischen Küstenwüste. = Geol. Charakterbilder 27/28, 40pp (Berlin).
- (1926): Die Diamantenwüste Südwestafrikas. 2 Bände, Berlin (Reimer), 321, 533pp.
- (1930): Das Fischsterben in der Walfischbucht. - Palaeobiologica 3: 14-21.
- KASCH, K. W. (1988): Lithostratigraphy and structural geology of the upper Swakop River Area east of Okahandja, SWA/Namibia. - Comm. Geol. Surv. S. W. A./Namibia 4: 59-66.
- KATSIAMBIRTAS, E. E. (1987): The advantage of using the median instead of the arithmetic mean for „normal“ rainfall in a semi-arid climate region. Paper, 4<sup>th</sup> Ann. Conf. S. Afr. Soc. Atmosph. Sci., 13.-14.10.1987, Pretoria.
- (1988): Ten-day, monthly, yearly, early summer, late summer and seasonal rainfall statistics. Arithmetic mean, standard deviation, coefficient of variation and decile number values. = Climate of South West Africa/Namibia Ser. 2. Windhoek.
- (1989): Evaluating a simple water balance index for the northern agricultural area of South West Africa/Namibia. - in: Appl. Plant Sci. 3 (1): 31-33.
- KAYSER, K. (1970): Namib-Studien. Beobachtungen und Überlegungen auf einer Fahrt vom Naukluft-Gebirge zum Kuiseb und der Wüstenforschungsstation Gobabeb. - Dt. Geogr. Forschg. in der Welt von Heute, Festschrift für Erwin Gentz, Kiel: 181-192.
- (1973): Beiträge zur Geomorphologie der Namib-Küstenwüste. - Z. Geomorph. N. F. Suppl. 17: 156-167.
- KELLER, P. (1984): Tsumeb. - Lapis 9 (7/8): 13-63.
- KELLNER, K. (1986): 'n Plantekologiese Studie van die Daan Viljoen-Wildtuin en gedeeltes van die plase Claratal en Neudam in die Hooglandsavanna van SWA. Unpubl. M.Sc. Thesis, Univ. of Christian Higher Education, Potschefstroom, 144pp.
- KEMPF, J. (1993): Probleme der Land-Degradation in Namibia. Unpubl. Dipl.-Arbeit, Univ. Würzburg, Geogr. Inst., 2 Vols., 258pp+App.
- (1994): Probleme der Land-Degradation in Namibia: Ausmaß, Ursachen und Wirkungsmuster - dargestellt anhand ausgewählter Untersuchungsgebiete. = Würzburger Geogr. Manuskr. 31, 260pp.
- (1996a): Zur Reliefgeschichte von Kalkkrusten in Namibia. - Z. Geomorph. N. F. 40 (4): 519-523.
- (1996b): Land-Degradation in Namibia nördlich des Wendekreises: eine Problematisierung. - Die Erde 127 (4): 265-278.
- (1997): Land degradation in Namibia north of the Tropic of Capricorn: an outline of the problem. - Appl. Geogr. Developm. 50: 21-37.
- (1998): Umwelt- und Ressourcenschutz in Namibia. Der Beitrag des Namibia Land Degradation Project (NLDP) zur Erhaltung der naturräumlichen Produktionsgrundlagen. - Namibia Magazin 9 (3): 13-15.
- (1999a): Pedo-geomorphological studies in central Namibia. - In: Focus Africa. = Abstr. 3<sup>rd</sup> Biennial Intern. Conf. of the Society of South African Geographers, Windhoek 05.-09.07.1999: 39-40.
- (1999b): Geomorphological significance of pedological development in central Namibia. - In: The Environmental Background to Hominid Evolution in Africa. = XV International Congress of the International Union for Quaternary Research, Durban 03.-11.08.1999. Abstract Vol.: 95-96.

- KENNEDY, R. F., ed. (1961, 1964): *Journal of Residence in Africa, 1842-1853 by Thomas Baines*. 2 Vols. Cape Town (The Van Riebeeck Soc. Publ. 42 + 45).
- KENNET, J. P. (1977): Cenozoic evolution of Antarctic glaciation, the Circum-Antarctic Ocean and their impact on global palaeoceanography. – *J. Geophys. Res.* 82: 3843-3860.
- (1985): Neogene palaeoceanography and plancton evolution. - *S. Afr. J. Science* 81: 251-253.
- KERS, L. E. (1967): The distribution of *Welwitschia mirabilis* Hook. - *Svensk Botanisk Tidskrift* 61: 97-125.
- KHRESAT, S. A. & A. Y. TAIMEH (1998): Properties and characterization of vertisols developed on limestone in a semi-arid environment. - *J. Arid Env.* 40 (3): 235-244.
- KILBURN, R. N. & A. J. TANKARD (1975): Pleistocene molluscs from the west and south coasts of the Cape Province, South Africa. – *Ann. S. Afr. Museum* 67: 183-226.
- KILGER, B. (1981): Die geohydrologische Karte von Südwestafrika. - *Mitt. S. W. A. Wiss. Ges.* 22 (6), Beilage: 1-4.
- KINAHAN, J., ed. (1984a): Recent Archaeological Research Between the Orange and Kavango Rivers in Southwestern Africa. - *Cimbebasia Ser. B* 4 (1-7). Windhoek (State Museum), 80pp.
- (1984b): The stratigraphy and lithic assemblages of Falls Rock Shelter, western Damaraland, Namibia. - In: KINAHAN, J., ed.: *loc. cit.*: 13-27.
- (1990): Four thousand years at the Spitzkoppe: changes in settlement and landuse on the edge of the Namib Desert. - *Cimbebasia* 12: 1-14.
- (1994): Field recording of archaeological sites in Namibia: the invaluable role of the observant amateur. - *Newsl. Namibia Scient. Soc.* 35 (11-12): 154-155.
- KINAHAN, J. & C. DEELIE (1990): A gazetteer of archaeological site locations in Namibia. - *Cimbebasia* 12: 15-22.
- KINAHAN, J., J. PALLETT, J. VOGEL, J. WARD & M. LINDEQUE (1991): The occurrence and dating of elephant tracks in the silt deposits of the lower !Khuiseb River, Namibia. - *Cimbebasia* 13: 37-43.
- KING, L. C. (1951, 1963): *South African Scenery. A Textbook of Geomorphology*. Edinburgh (Oliver & Boyd), 308pp.
- (1972): The coastal plain of southeast Africa: its form, deposits and development. – *Z. Geomorph. N. F.* 16: 239-251.
- (1976): Planation remnants upon highlands. – *Z. Geomorph. N. F.* 20: 133-148.
- (1978): The Geomorphology of central and southern Africa. - in: WERGER, M. J. A. ed.: *loc. cit.*: 1-17.
- KLAMMER, G. (1982): Alte Meeressstände an Küsten des atlantischen Typs und die Meeresspiegelkurve seit dem oberen Miozän. - *Würzburger Geogr. Arb.* 56: 131-150.
- KLEIN, R. G. (1980a): Environmental and ecological implications of large mammals from Upper Pleistocene and Holocene Sites in Southern Africa. - *Ann. S. Afr. Museum* 81 (7): 223-283.
- (1980b): The interpretation of mammalian faunas from Stone-Age archaeological sites, with special reference to sites in the Southern Cape Province, South Africa. - In: BEHRENSMEYER, A. K. & A. HILL, eds.: *Fossils in the Making*. Chicago (Univ. of Chicago Pr.): 223-246.
- , ed. (1984a): *Southern African Prehistory and Palaeoenvironments*. Rotterdam (Balkema), 416pp.
- (1984b): The large mammals of southern Africa: late Pliocene to recent. - In: KLEIN, R. G., ed.: *loc. cit.*: 107-146.
- KLENGEL, F. (1908): *Die Niederschlagsverhältnisse von Deutsch-Südwestafrika*. Leipzig.
- KLIMOWICZ, J. & G. HAYNES (1997): The Stone Age archaeology of Hwange National Park, Zimbabwe. - In: PWITI, G. & R. SOPER, eds.: *Aspects of African Archaeology*. = Proc. 10<sup>th</sup> Congr. Pan Afr. Ass. Prehist. Related Stud. 18-23 June 1995. Harare (Univ. of Zimbabwe): 121-128.
- KNABB, O. (1988): The deepest underwater caves in the world. – *Newsl. Cave Diving Group of Great Britain* 86: 3-4.
- KNAPP, R. (1973): *Die Vegetation von Afrika*. Stuttgart (Fischer), 626pp.
- KNETSCH, G. (1937): Beiträge zur Kenntnis von Krustenbildungen. - *Z. Dt. Geol. Ges.* 89 (4): 177-192.
- (1938a): Aus dem Sedimentstammbaum eines Trockengebietes: Beobachtungen aus der südlichen Namib. - *Geol. Rundschau* 29 (3/5): 334-347.

- (1938b): Über junge Meeresspiegelschwankungen und ihre Zeugen an der afrikanischen Westküste. –Z. Dt. Geol. Ges. 90 (3): 121-133.
- (1940): Zur Frage der Küstenbildung und der Entwicklung des Oranjetals in Südwestafrika. –Sonderveröff. 3, Geogr. Ges. Hannover: 181-270+Tafeln.
- KOCH, C. (1961): Some aspects of abundant life in the vegetationless sand of the Namib Desert dunes. –J. S. W. A. Sci. Soc. 15: 8-34.
- (1962): The Tenebrionidae of Southern Africa XXXI. Comprehensive notes on the tenebrionid fauna of the Namib Desert. - Scientific Pap. Namib Desert Res. Stat. 5: 61-106.
- KOEPPEL, K. (1919): Die Ursachen der Sandveldkrankheit (Lamziekte) und die Aussichten ihrer Bekämpfung. Ein Beitrag zur Besiedlungsfrage in Südwest. Swakopmund (Swakopmunder Buchhandlung), 127pp.
- KOERT, W. (1913): Südwestafrika. –Beitr. Geol. Erf. Dt. Schutzgeb. 1: 83-152.
- (1916): Der Krusteneisenstein in den deutsch-afrikanischen Schutzgebieten, besonders in Togo und im Hinterland von Tanga (Deutschostafrika). = Beitr. Geol. Erf. Dt. Schutzgeb. 13, 69pp.
- KOK, O. B. & J. A. J. NEL (1996): The Kuiseb river as a linear oasis in the Namib desert. - African J. Ecol. 34: 39-47.
- KOLBERG, H., W. GIESS, M. A. N. MÜLLER & B. STROHBACH (1992): List of Namibian Plant Species. = Dinteria 22, 121pp.
- KOLLMER, W. E. (1962): Über die Ursachen des Massensterbens von Meeresfischen. -Der Kreis 5: 173-175 (Windhoek).
- KÖPPEN, W. (1923): Die Klimate der Erde. Berlin (deGruyter), 369pp.
- KORN, H. (1938): Klima und Besiedlung der Namib während der letzten 600 000 Jahre. Unpubl. Manuscript eines Vortrags vor der S. W. A. Wiss. Ges. Windhoek, Typescript, 13pp.
- (1942): Die prähistorische Besiedlung der inneren Namib und der Vorescarpment-Felswüste im Kuiseb Bereich. Unpubl. Feldbuchaufzeichnungen (Feldtagebuch Nr. 20), 64pp+App..
- (1943): Die Felswüste des mittleren Kuiseb - Pleistozäne Entwicklung und prähistorische Besiedlung. Unpubl. Manuscript, Windhoek, 18pp+App.
- KORN, H. & H. MARTIN (1937): Die jüngere geologische und klimatische Geschichte Südwestafrikas (vorläufiger Bericht). - Zbl. Mineral. Geol. Paläontol. Reihe B 11: 456-473.
- (1939): Geological and Morphological Frame of the Palaeolithic Cultures of Western South West Africa. - Unpubl. Report, Dept. of Archaeology, University of the Witwatersrand, Johannesburg, 45pp+App.
- (1957): The Pleistocene in South-West-Africa. - Proc. 3<sup>rd</sup> Pan-Afr. Congr. on Prehist., Livingstone 1955: 14-22.
- (1959): Gravity tectonics in the Naukluft Mountains of South West Africa. - Bull. Geol. Soc. Am. 70 (8): 1047-1078.
- KRAPF, C. (1998): Geomorphologische Satellitenbildkarte (GMSK) 1:250.000, der Karas-Region, Süd-Namibia. Beiheft. Unpubl. Dipl.-Arb., Geogr. Inst. Univ. Würzburg, 71pp.
- KRENKEL, E. (1928, 1934): Geologie Afrikas: 1. + 2. Teil: Südafrika. Berlin (Borntraeger), 537pp.
- (1938): Geologie Afrikas. 3. Teil. Berlin (Borntraeger), 918pp (1005-1923).
- (1939): Geologie der Deutschen Kolonien in Afrika. Berlin (Borntraeger), 272pp.
- KRUPARZ, H. (1966): Einstieg in die Karsthöhlen auf Farm Harasib bei Grootfontein. - Mitt. S. W. A. Wiss. Ges. 7 (7): 1-4.
- KRUSE, B. (1991): Ein 1-Schichtenmodell zur Bestimmung des äolischen Bodenabtrags auf Sandböden - Kurzbeschreibung einer 1. Modellversion. - Mitt. Dt. Bodenkundl. Ges. 65: 37-42.
- KUELLS, C., J. WRABEL, H. MAINARDY & P. UDLUFT (1997): Regionalization of groundwater recharge in the western Kalahari. - Landschaftsökologie und Umweltforschung 25: 137-140.
- KUKLA, P. A. (1992): Tectonics and Sedimentation of a Late Proterozoic Damaran Convergent Continental Margin, Khomas Hochland, Central Namibia. = Geol. Surv. Namibia Mem. 12, 95pp + App.
- LANCASTER, I. N. (1974): Pans of the southern Kalahari. - Botswana Notes and Records 6: 157-169.
- (1978a): The pans of the southern Kalahari, Botswana. - Geogr. J. 144: 81-98.
- (1978b): Composition and formation of southern Kalahari pan margin dunes. - Z. Geomorph. N. F. 22: 148-169.

- (1979): Evidence for a widespread Late Pleistocene humid period in the Kalahari. - Nature 279: 145-146.
- (1980): Dune systems and palaeoenvironments in southern Africa. - Palaeontologica Africana 23: 185-189.
- (1981): Palaeoenvironmental implications of fixed dune systems in southern Africa. - Palaeogeogr. Palaeoclim. Palaeoecol. 33: 327-346.
- (1984a): Aeolian sediments, processes and landforms: a review. - J. Arid Env. 7: 249-254.
- (1984b): Aridity in southern Africa: age, origins and expression in landforms and sediments. - In: VOGEL, J.C., ed.: *loc. cit.*: 433-444.
- (1984c): Late Cenozoic fluvial deposits of the Tsondab Valley, central Namib Desert. - Madoqua 13 (4): 257-269.
- (1984d): Paleoenvironments in the Tsondab valley, Central Namib Desert. - Palaeoecology of Africa 16: 411-419.
- (1984e): Characteristics and occurrence of wind erosion features in the Namib Desert. - Earth Surface Processes and Landforms 9: 469-478.
- (1985): Winds and sand movements in the Namib sand sea. - Earth Surface Processes and Landforms 10: 607-619.
- (1986a): Grain size characteristics of linear dunes in the southwestern Kalahari, southern Africa. - J. Sed. Petrol. 56: 395-400
- (1986b): Pans in the southwestern Kalahari: a preliminary report. - Palaeoecology of Africa 17: 59-67.
- (1987a): Formation and reactivation of dunes in the southwestern Kalahari: Palaeoclimatic implications. - Palaeoecology of Africa 18: 103-110.
- (1987b): Grain-size characteristics of linear dunes in the southwestern Kalahari - reply. - J. Sedim. Petrol. 57 (3): 573-574.
- (1988): Development of linear dunes in the southwestern Kalahari, southern Africa. - J. Arid Env. 14: 223-244.
- (1989a): The Namib Sand Sea: Dune Forms, Processes and Sediments. Rotterdam (Balkema), 181pp.
- (1989b): Late Quaternary palaeoenvironments in the southwestern Kalahari. - Palaeogeogr. Palaeoclim. Palaeoecol. 70 (4): 367-376.
- LANCASTER, N. & C. D. OLLIER (1983): Sources of sand for the Namib sand sea. - Z. Geomorph. N. F. Suppl. 45: 71-83.
- LANCASTER, J., N. LANCASTER & M. K. SEELY (1984): The climate of the central Namib. - Madoqua 14: 5-61.
- LANDON, J. R. (1991): Booker Tropical Soil Manual. London (Booker/Longman), 474pp.
- LANGFORD-SMITH, T. (1978): A select review of silcrete in Australia. - In: LANGFORD-SMITH, T., ed.: Silcrete in Australia. Armidale (Dept. of Geography/Univ. of New England): 1-12.
- LAU, B., ed. (1984/1985): Carl Hugo Hahn: Diaries 1837-1860. 5 Vols. = Archeia 1-5. Windhoek (Archive Services Division, Dep. of National Education), 1364pp.
- LEISTNER, O. A. (1961): Zur Verbreitung und Ökologie der Bäume der Kalaharidünen. - J. S. W. A. Wiss. Ges. 15: 35-40.
- (1967): The Plant Ecology of the Southern Kalahari. = Bot. Surv. Mem. 38. Pretoria (Government Pr.), 172pp.
- LE ROUX, C. J. G. (1980): Vegetation Classification and Related Studies in the Etosha National Park. Unpubl. D.Sc. Thesis, University of Pretoria, 323pp+app.
- LE ROUX, C. J. G., J. O. GRUNOW, J. W. MORRIS, G. J. BREDENKAMP & J. C. SCHEEPERS (1988): A classification of the vegetation of the Etosha National Park. - S. Afr. J. Bot. 54 (1): 1-10.
- LESER, H. (1971): Landschaftsökologische Studien im Kalahari-Sandgebiet um Auob und Nossob (östliches Südwestafrika). Wiesbaden (Steiner), 243pp.
- (1972): Geoökologische Verhältnisse der Pflanzengesellschaften in den Savannen des Sandveldes um Schwarzen Nossob und Epukiro (östliches Südwestafrika, westliche Kalahari). = Dinteria 6, 41pp.
- (1977): Feld- und Labormethoden der Geomorphologie. Berlin (deGruyter), 446pp.
- (1980): Beobachtungen zur Sedimentation und Krustenbildung in Rivieren am Namib-Rand des südlichen Kaokoveldes (SWA/Namibia). - Tübinger Geogr. Stud. 80: 143-182.
- (1982): Namibia. Stuttgart (Klett), 259pp.

- (1991): Das 16. „Basler Geomethodische Colloquim“: Paläoklima und pleistozän-holozäne Reliefentwicklung Namibias: Ein Fazit neuerer Forschungsergebnisse im überregionalen Vergleich. - *Geomethodica* 16: 7-22.
- (1995): Böden, Relief und Paläoklima: Methodische Probleme großräumiger Aussagen (Beispiel: Subkontinent Südafrika, Atlantik, Nordchile). - *Geomethodica* 20: 11-26.
- (1997): Landschaftsökologie. Stuttgart (Ulmer), 644pp.
- LEUSNER, H. (1936): Der abnorme Regenfall in Deutsch Südwestafrika 1933/34. – *Geogr. Z.* 42: 423-427.
- LINDER, H. P. (1985): Gene flow, speciation, and species diversity patterns in a species-rich area: the Cape Flora. - In: VRBA, E. S., ed.: *Species and Speciation*. = Transvaal Museum Monograph 4: 53-57.
- LINDER, H. P., M. E. MEADOWS & R. M. COWLING (1992): History of the Cape flora. - In: COWLING, R. M., ed.: *The Ecology of Fynbos*. Cape Town (Oxford Univ. Pr.): 113-134.
- LINNING, K. (1968): Die Stollingskompleks Kaap Kruis, Suidwes Afrika. Unpubl. M.Sc. Thesis, University of Pretoria, 108pp.
- LIVINGSTONE, I. (1988): New models for the formation of linear sand dunes. - *Geography* 73: 105-115.
- (1990): Desert sand dune dynamics: review and prospect. - In: SEELY, M. K., ed.: *Namib Ecology*. = Transvaal Museum Monograph 7, Pretoria (Transvaal Museum): 47-54.
- LOGAN, R. F. (1960): The Central Namib Desert. = Publ. Nat. Acad. Scient. Res. Council 758 (Washington), 162pp.
- (1969): Bibliography of South West Africa: Geography and Related Fields. Windhoek (S. W. A. Scient. Soc.), 152pp.
- LONGHURST, A. (1998): Ecological Geography of the Sea. San Diego (Acad. Pr.), 398pp.
- LOUIS, H. (1973): Fortschritte und Fragwürdigkeiten in neueren Arbeiten zur Analyse pluvialer Landformung besonders in den Tropen. - *Z. Geomorph. N. F.* 17: 1-42.
- LOUW, G. N. & M. K. SEELY (1984): *Ecology of Desert Organisms*. London (Longman), 194pp.
- LOVEGROVE, B. G. (1991): Mima-like mounds (heuweltjies) of South Africa: the topographical, ecological and economic impact of burrowing animals. - *Symp. Zool. Soc. London* 63: 183-198.
- LOVEGROVE, B. G. & W. R. SIEGFRIED (1986): Distribution and formation of mima-like earth mounds in the western Cape Province. - *S. Afr. J. Science* 82: 432-436.
- LÜCK, A. H. (1996): Satellitenbildunterstützte Regionalisierung von Wasserhaushaltsparametern im Einzugsgebiet des Omaruru, Namibia. Dissertation, Geogr. Inst. Univ. Würzburg, 249pp.
- (1997): Wasserwirtschaftliche Rahmenplanung in Trockengebieten des südwestlichen Afrikas. Versorgungs-problematik und Zukunftsperspektiven im Einzugsgebiet des Omaruru, Namibia. - *Würzburger Geogr. Arb.* 92: 303-323.
- (1998a/b): Satellitenfernerkundung in der Wasserwirtschaft Namibias, Teil 1+2. - *Namibia Mag.* 9 (2): 28-29, 9 (3): 16-18.
- (1999a/b): Möglichkeiten und Probleme der namibischen Wasserversorgung für Küstenstandorte zwischen Benguelastrom und Namibwüste, Teil 1+2. - *Namibia Mag.* 9 (4): 18-21, 10 (1): 26-29.
- LÜCK, A. H., KEMPF, J., STENGEL, I. & R. GRÜN (1998): A new fossil diatomaceous lake deposit in the Otjozondjupa Region, Namibia: palaeoecological implications. Report (in prep.).
- LYLES, L. (1977): Wind erosion: Processes and effect on soil productivity. – *Transact. ASAE* 20: 880-884.
- MAACK, R. (1924): Die Tsondabwüste und das Randgebirge von Ababes in Südwestafrika. - *Z. Ges. Erdk. Berlin* 59 (1/2): 13-19.
- (1963): Vorläufiger Bericht über eine Forschungsreise durch das Kaokoveld. - *Die Erde* 94 (3-4): 247-264.
- (1969): Kontinentaldrift und Geologie des südatlantischen Ozeans. Berlin (de Gruyter), 164pp.
- MAARLEVELD, G. C. (1960): Über die pleistozänen Ablagerungen im südlichen Afrika. - *Erdkunde, Archiv wiss. Geogr.* 14 (1): 35-46.
- MABBUTT, J. A. (1952): The evolution of the middle Ugab valley, Damaraland, South West Africa. - *Transact. Royal Soc. S. Afr.* 33 (3): 333-365.
- (1955): Erosion surfaces in Little Namaqualand and the ages of surface deposits in the south-western Kalahari. - *Transact. Geol. Soc. S. Afr.* 58: 1-18.

- (1957): Physiographic evidence for the age of the Kalahari sands of the southwestern Kalahari. - In: CLARK, J. D. & S. COLE, eds.: Proc. 3<sup>rd</sup> Pan-Afr. Congr. Prehistory, Livingstone 1955, London: 123-126.
- MacCALMAN, H. R. (1962): The Middle Stone Age in South West Africa, Part I: Gungams, an early Middle Stone Age site in the Windhoek District. - Cimbebasia 3: 2-13.
- (1963): The Middle Stone Age in South West Africa, Part II: The Neuhof-Kowas Middle Stone Age, Windhoek District. - Cimbebasia 7: 42-54.
- MacGREGOR, A. M. (1947): An Outline of the Geological History of Southern Rhodesia. = Bull. S. Rhodesian Geol. Soc. 38, 73pp.
- MACHEL, H. G. (1985): Fibrous gypsum and fibrous anhydrite in veins. - Sedimentology 32: 443-454.
- MACVICAR, C. N. (1978): Advances in soil classification and genesis in southern Africa. - Proc. 8<sup>th</sup> Nat. Congr. Soil Sci. Soc. S. Afr., Pietermaritzburg: 22-40.
- MACVICAR, C. N., J. M. DE VILLIERS, R. F. LOXTON, E. VERSTER, J. J. N. LAMBRECHTS, F. R. MERRYWEATHER, J. LE ROUX, T. H. VAN ROOYEN & H. J. von M. HARMSE (1977): Soil Classification. A Binomial System for South Africa. Pretoria (Department of Agricultural Technical Services), 150pp.
- MACVICAR, C. N. & Soil Classification Working Group (1991): Soil Classification. A Taxonomic System for South Africa. Pretoria (Department of Agricultural Development), 257pp.
- MÄCKEL, R. (1974): Dambos - a study in morphodynamic activity on plateau regions of Zambia. - Catena 1: 327-365.
- (1985): Dambos and related landforms in Africa - an example for the ecological approach to tropical geomorphology. - Z. Geomorph. N. F. Suppl. 52: 1-23.
- MAGLIO, V. J. (1973): Origins and Evolution of the Elephantidae. = Transact. Am. Phil. Soc. 63, 149pp.
- MAILLOT, H. & C. ROBERT (1984): Significance of clay mineralogical and geochemical data, Walvis Ridge, southeastern Atlantic, Leg 75, Deep Sea Drilling Project. - In: AMIDEI, R., ed.: Initial Reports of the Deep Sea Drilling Project 75. Washington (US Government Pr.): 854-856
- MARAIS, J. C. E., J. IRISH & J. E. J. MARTINI (1996): Cave investigations in Namibia V: 1993 SWAKNO results. - Bull. S. Afr. Speleol. Ass. 36: 58-78.
- MARKER, M. E. (1977): Aspects of geomorphology of the Kuiseb River, South West Africa. - Madoqua 10(3): 199-206.
- (1979): Relict fluvial terraces on the Tsondab Flats, Namibia. - J. Arid Env. 2: 113-117.
- (1981): The geomorphological significance of some central Namib materials. - J. S. W. A. Scient. Soc. 34/35: 49-55.
- (1982): Aspects of Namib geomorphology: A doline karst. - Palaeoecology of Africa 15: 187-199.
- (1983): Fluvial deposits of the middle Kuiseb Valley, Namibia. - J. Arid Env. 6: 333-348.
- (1988): Tufa deposits of southern Africa: A review. - Palaeoecology of Africa 19: 377-389.
- MARKER, M. E. & D. MÜLLER (1978): Relict vlei silts of the middle Kuiseb river valley, South West Africa. - Madoqua 11 (2): 151-162.
- MARSH, A. & M. SEELY, eds. (1992): Oshanas: Sustaining People, Environment and Development in Central Owambo, Namibia. Windhoek (Nat. Planning Comm.), 56pp.
- MARTIN, H. (1950): Südwestafrika. - Geol. Rundschau 38: 6-14.
- (1961a): Abriß der geologischen Geschichte Südwestafrikas. - J. S. W. A. Wiss. Ges. 15: 57-66.
- (1961b): Hydrology and water balance in some regions covered by Kalahari Sands in South West Africa. - Commission de Cooperation Technical Africain: Inter-African Conf., Nairobi, = Hydrology Publ. 66: 450-455.
- (1962): Das artesische Becken der Südkalahari. - In: Wissenschaftliche Forschung in Südwestafrika: 1. Kongr. S. W. A. Wiss. Ges. Swakopmund 21.-23. April 1962. Windhoek (S. W. A. Wiss. Ges.): 87-98.
- (1963a): A suggested theory for the origin and a brief description of some gypsum deposits of South West Africa. - Transact. Geol. Soc. S. Afr. 66: 345-350.
- (1963b): Reply to discussion by R. A. P. Fockema and G. A. P. Fraser on paper - A suggested theory for the origin and a brief description of some gypsum deposits of South West Africa. - Transact. Geol. Soc. S. Afr. 66: 351-352.
- (1965): The Precambrian Geology of South West Africa. Cape Town (Precambr. Res. Unit, Univ. of Cape Town), 159pp.

- (1968): Paläomorphologische Formenelemente in den Landschaften Südwestafrikas. - *Geol. Rundschau* 58 (1): 121-128.
- (1973a): Palaeozoic, Mesozoic and Cenozoic deposits on the coast of South West Africa. - In: BLANT, G., ed.: *Sedimentary Basins of the African Coasts*. Symp. Ass. Afr. Geol. Surv. 2: 7-15, Montreal.
- (1973b): The Atlantic margin of southern Africa between latitude 17° south and the Cape of Good Hope. - In: NARIN, A. E. M. & F. G. STEHLI, eds.: *The Ocean Basins and Margins*, Vol. 1: The South Atlantic. New York (Plenum Press): 277-300.
- (1975): Structural and palaeogeographical evidence for an Upper Palaeozoic sea between Southern Africa and South America. - *Proc. Pap. of the 3<sup>rd</sup> Gondwana Symp.*, Canberra (Intern. Union Geol. Sci.): 37-51.
- (1976): A geodynamic model for the evolution of the continental margin of Southwestern Africa. - *Anais Acad. Brasileira de Ciências Suppl.* 48: 169-177.
- (1982): Die Trias im südlichen Afrika. - *Geol. Rundschau* 28: 224-228.
- MARTIN, H. & R. MASON (1954): A test trench in the Phillips Cave, Ameib, Erongo Mountains, South West Africa. - *S. Afr. Archaeol. Bull.* 9: 148-151.
- MARTINI, J. E. J. (1989): The 1987 Drachenhauchloch Survey. - *Bull. S. Afr. Speleol. Ass.* 30: 11-14.
- (1991): Some data on the chemistry of Karst water from the Otavi Mountainland, Namibia. - *Bull. S. Afr. Speleol. Ass.* 32: 74-78.
- (1994): The combustion of bat guano - a poorly known phenomenon. - *Bull. S. Afr. Speleol. Ass.* 33: 70-72.
- MARTINI, J. E. J. & IRISH (1986): Münsterlandhöhle - a „quartzite cave in limestone? - *Bull. S. Afr. Speleol. Ass.* 27: 77-79.
- MARTINI, J. E. J. & J. C. E. MARAIS (1996): Grottes hydrothermales dans le Nord-Ouest de la Namibie. Spéléogénèse et implication dans le développement des karsts en climat aride. - *Karstologia* 28 (2): 13-18.
- MARTINI, J. E. J., J. C. E. MARAIS & J. IRISH (1990): Kaokoveld Karst, Namibia. The 1990 SWAKNO Kaokoveld Speleological Expedition. - *Bull. S. Afr. Speleol. Ass.* 31: 25-41.
- MASON, R. J. (1961): The Acheulean Culture in South Africa. - *S. Afr. Archaeol. Bull.* 16 (63): 107-110.
- MASSMANN, U. (1976): Nach 90 Jahren. - *Namib und Meer* 7: 45-46.
- MATTIK, F. (1970): Flechtenbestände der Nebelwüste und Wanderflechten der Namib. - *Namib und Meer* 1: 35-43.
- MAUD, R. R. (1990): Sea level movements as evidence of late Quaternary environmental changes in southern Africa. - *Palaeoecology of Africa* 21: 27-34.
- MAUD, R. R. & T. C. PARTRIDGE (1987): Regional geomorphic evidence for climatic change in southern Africa since the Mesozoic. - *Palaeoecology of Africa* 18: 337-348.
- (1989): Erosion surfaces of southern Namibia and the north western Cape and their relationships to dunefields ancient and modern. - In: WARD, J. D., M. K. SEELY & A. McLA CHLAN, eds.: *Geomorphology and Ecology of Desert and Coastal Dunes*. = Abstr. Dunes '89 Symposium, Swakopmund 14.-17.08.1989: 14.
- MAXWELL, C. D. (1988): Harasib underground lake revisited: July 1988. - *Bull. S. Afr. Speleol. Ass.* 29: 17-19.
- (1989a): The underwater exploration of Dragon's Breath Lake. - *Bull. S. Afr. Speleol. Ass.* 30: 14-22.
- (1989b): Underwater exploration of Dragon's Breath Lake (1987). - In: KOSA, A., ed.: Proc. 10<sup>th</sup> Intern. Congr. Speleol. 1: 134-136 (Budapest).
- McGEE, E. S. & V. MOSSOTTI (1992): Gypsum accumulation on carbonate stone. - *Atmospheric Env.* 26B (2): 249-253.
- McKEE, E. D. (1982): Sedimentary structures in Dunes of the Namib Desert, South West Africa. = *Geol. Soc. Am. Spec. Pap.* 188, 64pp.
- MEADOWS, M. E. (1985): Dambos and environmental change in Malawi, Central Africa. - *Z. Geomorph. N. F. Suppl.* 52: 147-169.
- (1988): Vlei sediments and sedimentology: A tool in the reconstruction of palaeoenvironments of southern Africa. - *Palaeoecology of Africa* 19: 249-258.
- MENAUT, J. C. (1983): The vegetation of African savannas. - In: BOURLIÉRE, F., ed.: *loc. cit.*: 109-150.
- MERTENS, R. (1955): Die Amphibien und Reptilien Südwestafrikas. - *Abh. Senckenberg. Naturforsch. Ges.* 490: 1-72.

- MERXMÜLLER, H., ed. (1966-1972): Prodromus einer Flora von Südwestafrika. 35 Lieferungen. Lehre (J. Cramer).
- METZGER, F. (1998): Wassererschließung in Namibia. Windhoek (Namibia Wiss. Ges.), 32pp.
- MEYERS, P. A. (1992): Organic matter variations in sediments from DSDP sites 362 and 532: evidence of changes in the Benguela Current upwelling system. - In: SUMMERHAYES, C. P., W. L. PRELL & K. C. EMEIS, eds.: Upwelling Systems: Evolution since the early Miocene. = Geol. Soc. Spec. Publ. 64: 323-329.
- MICHAELSEN, H. (1910): Die Kalkpfannen des östlichen Damaralandes. - Globus 98 (24): 378-382.
- MICHEL, P. (1978): Nouvelles recherches sur les cuirasses ferrugineuses en Afrique occidentale, comparaison avec le sud-ouest Africain. - Palaeoecology of Africa 10: 57-63.
- (1980): Vergleichende Reliefentwicklung in der südlichen Sahara, im Sahel und in Südwest-Afrika. - Tübinger Geogr. Stud. 80: 95-111.
- MILLER, R. McG. (1980): Geology of a Portion of Central Damaraland, South West Africa/ Namibia. = Geol. Surv. S. Afr., South West Africa Ser. Mem. 6. Pretoria (Dept. of Mines), 78pp.
- , ed. (1983): Evolution of the Damara Orogen of South West Africa/ Namibia. = Spec. Publ. 11, Johannesburg (Geol. Soc. S. Afr.), 515pp.
- MILLER, R. McG., S.-J. BARNES & G. BALKWILL (1983): Possible active margin deposits within the southern Damara Orogen: the Kuiseb Formation between Okahandja and Windhoek. - In: MILLER, R. McG., ed.: *loc. cit.*:73-88.
- MILLER, R. McG. & M. K. SEELY (1976): Fluvio-marine deposits south-east of Swakopmund, South West Africa. - Madoqua 9 (3): 23-26.
- MINISTÉRIO DA EDUCAÇÃO, ed. (1982): Atlas Geográfico - República Popular de Angola, Vol 1. Stockholm (Esselte Map Service), 49pp.
- MOISEL, A. (1975): A Braun-Blanquet survey of the vegetation of the Welwitschia Plain. Unpubl. Report. Dept. of Botany, Univ. of Cape Town, 34pp.
- MOISEL, A. & E. J. MOLL (1981): A Braun-Blanquet survey of the vegetation of the Welwitschia Plain. - Dinteria 15: 1-72.
- MOISEL, L. (1982): Wanderungen im Brandbergmassiv mit einem Nachtrag zur Pflanzenliste des Brandbergs. - Dinteria 16: 21-26.
- MOLL, E. J. (1992): The Origin of Fairy Rings in Namibia. Unpubl. Report, Dept. of Botany, Univ. of Cape Town, 12pp.
- MØLLER, P. A. (1899): Reså i Afrika genom Angola, Ovampo och Damaraland. Stockholm (Billes), 216pp.
- MOON, B. P. & G. F. DARDIS, eds. (1988): The Geomorphology of Southern Africa. Johannesburg (Southern Book Publ.), 320pp.
- MORITZ, E. ed. (1915, 1916, 1918): Aus den ältesten Reiseberichten über Deutsch-Südwestafrika, Teil I, II + III. - Mitt. Dt. Schutzgeb. 28: 161-268, 29: 135-253, 31: 17-44.
- MORITZ, W. (1980): Erkundungsreise ins Ovamboland 1857: Tagebuch Carl Hugo Hahn. = Aus alten Tagen in Südwest 4. Windhoek (Selbstverlag), 48pp.
- MORLEY, J. J. & H. HAYS (1979): A transfer function for estimating paleoceanographic conditions based on deep-sea surface sediment distribution of radiolarian assemblages in the south Atlantic. - Quaternary Res. 12: 381-395.
- MORSE, J. W. & K. C. EMEIS (1992): Carbon/sulphur/iron relationships in upwelling systems. - In: SUMMERHAYES, C. P., W. L. PRELL & K. C. EMEIS, eds.: Upwelling Systems: evolution since the early Miocene. = Geol. Soc. Spec. Publ. 64: 247-255.
- MOSICH, G (1966): Die Höhlen in Harasib. - Mitt. S. W. A. Wiss. Ges. 7 (11): 2-5.
- MÜCKENHAUSEN, E. (1985): Die Bodenkunde und ihre geologischen, geomorphologischen, mineralogischen und petrologischen Grundlagen. Frankfurt/M. (VLG), 579pp.
- MÜLLER, M. A. N. (1985): Grasses of South West Africa/Namibia. Windhoek (Direct. Agriculture and Forestry), 286pp.
- MUNSELL Corp., ed. (1967): Munsell Color Charts. Baltimore.
- NASH, C. R. (1972): Primary anhydrite in Precambrian gneisses from the Swakopmund District, South West Africa. - Contrib. Mineral. Petrol. 36 (1): 27-32.

- NEL, P. S. & D. P. J. OPPERMAN (1985): Vegetation types of the gravel plains. - In: HUNTLEY, B. J., ed.: The Kuiseb Environment. = CSIR Report 106: 118-125.
- NELSON, D. W. & L. E. SOMMERS (1982): Total carbon, organic carbon and organic matter. - In: BLACK, C. A., ed.: Methods of Soil Analysis, Part 2: Soil Chemistry. Madison (Am. Soc. Agron.): 570-571.
- NELSON, G. & L. HUTCHINGS (1983): The Benguela Upwelling Area. – Progr. Oceanography 12: 333-356.
- NETTERBERG, F. (1969a): Ages of calcretes in southern Africa. - S. Afr. Archaeol. Bull. 24: 88-92.
- (1969b): The interpretation of some basic calcrete types. - S. Afr. Archaeol. Bull. 24: 117-122.
- (1969c): The Geology and Engineering Properties of South African Calcretes. 4 Vols. Ph.D. Thesis, Johannesburg (Univ. of the Witwatersrand), 1070pp.
- (1974): Calcretes and Silcretes at Sambio, Okavangoland, South West Africa. - S. Afr. Archaeol. Bull. 29: 83-88.
- (1980): Geology of southern African calcretes: 1. Terminology, description, macrofeatures and classification. - Transact. Geol. Soc. S. Afr. 83: 255-283.
- (1982): Calcretes and their decalcification around Rundu, Okavangoland, South West Africa. - Palaeoecology of Africa 15: 159-169.
- NICHOLSON, S. E. (1981): The Historical Climatology of Africa. - In: WIGLEY, T. M. L., M. J. INGRAM & G. FARMER, eds.: Climate and History. Cambridge (Cambridge Univ. Pr.): 249-270.
- (1994): Recent rainfall fluctuations in Africa and their relationship to past conditions over the continent. - The Holocene 4 (2): 121-131.
- NICHOLSON, S. E. & H. FLOHN (1980): African environmental and climatic changes and the general atmospheric circulation in the late Pleistocene and Holocene. - Climatic Change 2: 313-348.
- NITSCHE, G. J. R. (1913): Ovamboland. Versuch einer landeskundlichen Darstellung nach dem gegenwärtigen Stand unserer geographischen Kenntnis. Dissertation, Univ. Kiel (Donath), 154pp.
- NORD, A. G. & K. HOLENYI (1999): Sulfur deposition and damage on limestone and sandstone in Stockholm city buildings. - Water, Air and Soil Pollution 109 (1-4): 147-162.
- NORDENSTAM, B. (1970): Notes on the flora and vegetation of Etosha Pan, South West Africa. - Dinteria 5: 3-18.
- (1974): The Flora of the Brandberg. - Dinteria 11: 1-65.
- NORDENSTAM, B. (1982): The Brandberg revisited. - in: Dinteria 16: 3-5.
- NOTT, K. & M. J. SAVAGE (1985): Variation in seasonal and diurnal leaf water potential of a dune sukkulent (*Trianthema hereroensis*). - Madoqua 14 (2): 177-179.
- NOTT, T. B. & P. E. STANDER (1991): The monitoring of density and utilization of two tree species in the Etosha National Park, Namibia. - Madoqua 18 (1): 11-15.
- NYAMAPFENE, K. (1991): Soils of Zimbabwe. Harare (Nehanda), 179pp.
- OBERHÄNSLI, H. (1991): Upwelling signals at the northeastern Walvis Ridge during the past 500.000 years. - Paleoceanography 6: 53-71.
- OBST, E. & K. KAYSER (1949): Die Große Randstufe auf der Ostseite Südafrikas und ihr Vorland. = Geogr. Ges. Hannover, Sonderveröff. III, 342pp.
- O'DOWD, C. D., M. H. SMITH, I. E. CONSTERDINE & J. A. LOWE (1996): Marine aerosol, sea-salt, and the marine sulphur cycle: a short review. - Atmospheric Env. 31 (1): 73-80.
- OLIVIER, J. (1995): Spatial distribution of fog in the Namib. – J. Arid Env. 29: 129-138.
- OLIVIER, J. & P. A. J. VAN RENSBURG (1995): Links between the Southern Oscillation and hail in the Transvaal: a preliminary assessment. – S. Afr. J. Science 91 (3): 145-148.
- OLLIER, C. D. (1977): Outline geological and geomorphic history of the Central Namib Desert. - Madoqua 10 (3): 207-212.
- (1978): Inselbergs of the Namib Desert. Processes and history. – Z. Geomorph. Suppl. 31: 161-176.
- OLLIER, C. & M. MARKER (1985): The Great Escarpment of southern Africa. – Z. Geomorph. N. F. Suppl. 54: 37-56.

- OLSEN, S. R. & L. A. DEAN (1965): Phosphorus. - In: BLACK C. A., ed.: Methods of Soil Analysis, Part 2: Soil Chemistry. Madison (Am. Soc. Agron.): 1044-1046.
- OLSZEWSKI, J. D. S. & R. MOORSOM (1995): Rainfall Records and the Analysis of Drought. -In: MOORSOM, R. et al., eds.: Coping with Aridity. Windhoek (NEPRU): 39-50.
- OSTERKAMP, W. R. & W. W. WOOD (1987): Playa-lake basins on the southern high plains of Texas and New Mexico. Part 1: Hydrologic, geomorphic and geologic evidence for their development. - Bull. Geol. Soc. Am. 99: 215-223.
- O'TOOLE, M. (1996): Namibia's marine environment. - In: TARR, P., ed.: Namibia Environment 1. Windhoek (Ministry of Environment and Tourism): 51-55.
- OTT, T. (1994): Tonmineralogische Untersuchungen an ausgewählten Vertisols und Leptosols des Etoscha-Nationalparks, Namibia. Auftreten der Ketten-Phyllosilikate Palygorskit und Sepiolit in Abhängigkeit von der physiogeographischen Ausstattung des Untersuchungsraumes. Unpubl. Diplomarbeit, Geogr. Inst. Univ. Regensburg, 101pp+App.
- PALGRAVE, K. C. (1992): Trees of Southern Africa. 2. Aufl., Cape Town (Struik): 959pp.
- PALGRAVE, W. C. (1877): Report of William Coates Palgrave, ESQ., Special Commisioner to the Tribes North of the Orange River, of His Mission to Damaraland and Great Namaqualand in 1876. - Cape Town (Dept. of Native Affairs/Cape Archives) File G 50-77 (publ. 1979).
- PALLETT, J. (1994): Understanding the Oshana Environment. Windhoek (Gamsberg Macmillan), 50pp.
- (1995): The Sperrgebiet. Windhoek (DRFN and NAMDEB), 84pp.
- PALMER, E. & N. PITMAN (1972): Trees of Southern Africa. 3 Vols., Cape Town (Balkema), 2235pp.
- PAQUET, H. (1983): Stability, instability and significance of attapulgite in the calcretes of mediterranean and tropical areas with marked dry season. - Sciences Géologique Strasbourg Mem. 72: 131-140.
- PAQUET, H. & G. MILLOT (1973): Geochemical evolution of clay minerals in the weathered products in soils of Mediterranean climate. - In: SERRATOSA, J. M. et al., eds.: Proc. Intern. Clay Conf., Madrid 1972: 199-206.
- PARTRIDGE, T. C. (1985a): The palaeoclimatic significance of Cainozoic terrestrial stratigraphic and tectonic evidence from southern Africa: a review. - S. Afr. J. Science 81: 245-247.
- (1985b): Tertiary to recent deposits. - In: BRINK, A. B. A., ed.: Engineering Geology of Southern Africa, Vol. 4: Post-Gondwana Deposits. Pretoria (Building Publ.): 57-107.
- (1992): Cainozoic environmental change in southern Africa. - S. Afr. J. Science 86: 315-317.
- (1993): The evidence for Cainozoic aridification in southern Africa. - Quaternary International 17: 105-110.
- (1995): Palaeoclimates of the arid and semi-arid zones of southern Africa during the last climatic cycle. -Mem. Geol. Soc. France 167: 73-83.
- (1997): Cainozoic environmental change in southern Africa, with special emphasis on the last 200.000 years. - Progr. Phys. Geogr. 21 (1): 3-22.
- PARTRIDGE, T. C., D. M. AVERY, G. A. BOTHA, J. S. BRINK, J. DEACON, R. S. HERBERT, R. R. MAUD, L. SCOTT, A. S. TALMA & J. C. VOGEL (1990): Late Pleistocene and Holocene climatic change in southern Africa. -S. Afr. J. Science 86: 302-306.
- PARTRIDGE, T. C. & A. B. A. BRINK (1967): Gravels and terraces of the lower Vaal Basin. - S. Afr. Geogr. J. 49: 23-38.
- PARTRIDGE, T. C. & R. R. MAUD (1987): Geomorphic evolution of southern Africa since the Mesozoic. -S. Afr. J. Geol. 90: 179-208.
- (1988): The geomorphic evolution of Africa: A comparative review. - In: DARDIS, G. F. & MOON, B. P., eds.: *loc. cit.*: 5-15.
- (1989): The end-Cretaceous event: new evidence from the southern hemisphere. - S. Afr. J. Science 85: 428-430.
- PASSARGE, S. (1904): Die Kalahari, 2 Vols., Berlin (Reimer), 822pp + Maps.
- (1908): Südafrika. Leipzig (Quelle & Meyer), 355pp.
- (1911): Die pfannenförmigen Hohlformen der südafrikanischen Steppen. - Peterm. Geogr. Mitt. 57: 130-135.
- (1943): Die Kalkpfannen im Hereroland und in der Kalahari. - Beitr. Kolonialforschung 5: 106-132.

- PAUL, J. (1934): Wirtschaft und Besiedlung im südlichen Amboland. - Wiss. Veröff. Museum f. Länderkunde Leipzig, N. F. 2: 71-106.
- PECHUEL-LOESCHE, E. (1886): Zur Kenntnis der Hererolandes, 4 Teile. - Das Ausland 42 (4): 821-825, 43 (4): 849-852, 44: 869-872, 45: 889-892.
- PENCK, A. (1906): Südafrika und die Sambesifälle. - Geogr. Z. 12: 601-611.
- PENNEY, A. J. & C. D. MAXWELL (1988): Johan's Cave - a new cave on Aigamas Farm. - Bull. S. Afr. Speleol. Ass. 29: 1-4.
- PETERSON, L. C. & G. P. LOHMAN (1982): Major change in Atlantic deep and bottom waters 700.000 yr. ago: Benthonic foraminiferal evidence from the South Atlantic. - Quaternary Research 17 (1): 26-38.
- PETHER, J. (1986): Late Tertiary and early Quaternary marine deposits of the Namaqualand coast, Cape Province: new perspectives. - S. Afr. J. Science 82: 464-470.
- (1994): Molluscan evidence for enhanced deglacial advection of Agulhas water in the Benguela current, off southwestern Africa. - Palaeogeogr. Palaeoclim. Palaeoecol. 111: 99-117.
- PETRIDES, G. A. (1974): The overgrazing cycle as a characteristic of tropical savannas and grasslands in Africa. -in: VAN DOBBEN, W. H., ed.: Unifying Concepts in Ecology. = Proc. 1<sup>st</sup> Intern. Congr. Ecol., Wageningen. The Hague (Junk): 86-91.
- PFEIFFER, L. (1991): Schwermineralanalysen an Dünensanden aus Trockengebieten mit Beispielen aus Südsahara, Sahel und Sudan sowie der Namib und der Taklamatan. = Bonner Geogr. Abh. 83, Bonn (Dümmler), 235pp.
- PFISTER, K. H. (1982): Relieftypen in der zentralen Namib. Zulassungsarbeit zur Staatsprüfung für Lehramt, Geogr. Inst, Univ. Würzburg. Unpubl. thesis, 82pp.
- PICAUT, J. (1985): Propagation and seasonal upwelling in the eastern equatorial Atlantic. - In: McCREARY, J. P., D. W. MOORE, J. M. WHITE, eds.: Recent Progress in Equatorial Oceanography: A Report of the Final Meeting of SCOR Working Group 47. Fort Lauderdale (NYIT Press): 271-281.
- PICKFORD, M. (1992): Age of the supergene ore bodies at Berg Aukas and Harasib 3a, Namibia. - Comm. Geol. Surv. Namibia 8: 147-150.
- (1994): Arrisdrift. - Namibia Yearbook 4: 11-13.
- (1998): Onland Tertiary marine strata in southwestern Africa: eustasy, local tectonics and epeirogenesis in a passive continental margin setting. - S. Afr. J. Science 94 (1): 5-8.
- PICKFORD, M. & B. SENUT (1997): Cainozoic mammals from coastal Namaqualand, South Africa. - Palaeontologica Africana 34: 199-217.
- PICKFORD, M., B. SENUT, P. MEIN & G. CONROY (1993): Premiers gisements fossilières post-miocènes dans le Kaokoland, nord-ouest de la Namibie. - C. R. Acad. Sciences Paris Sér. III 317: 719-720.
- PICKFORD, M., B. SENUT & Y. DAUPHIN (1995): Biostratigraphy of the Tsondab Sandstone (Namibia) based on gigantic avian eggshells. - Geobios 28 (1): 85-98.
- PIKE, J. G. (1971): Rainfall over Botswana. - Botswana Notes and Records Spec. Ed. 1: 69-76.
- POMEL, S. & E. SCHULZ (1992): Les sols des savanes anthropogènes du Cameroun. - Würzburger Geogr. Arb. 84: 289-324.
- PRESTON-WHYTE, R. A. & P. D. TYSON (1988, 1993): The Atmosphere and Weather of Southern Africa. Cape Town (Oxford Univ. Pr.), 374pp.
- PYE, K. (1981): Rate of dune reddening in a humid tropical climate. - Nature 290: 582-584.
- RANGE, P. (1927): Die Küstenwüste zwischen Lüderitzbucht und Swakopmund in Südwestafrika. - Peterm. Geogr. Mitt. 77: 344-353.
- REHBOCK, T. (1898): Deutsch-Südwestafrika, seine wirtschaftliche Erschließung unter besonderer Berücksichtigung der Nutzbarmachung des Wassers. Berlin (Reimer), 237pp.
- REMMERT, H. (1991): The Mosaic-cycle concept of ecosystems - an overview. - In: REMMERT, H., ed.: The Mosaic-Cycle Concept of Ecosystems. = Ecol. Stud. 85: 1-21, Berlin (Springer).
- (1992): Ökologie. Berlin (Springer), 363pp.

- RENGER, M. (1971): Die Ermittlung der Porengrößenverteilung aus der Körnung, dem Gehalt an organischer Substanz und der Lagerungsdichte. – Z. f. Pflanzenernährn. Düngung und Bodenk. 130 (1): 53-67.
- REUNING, E. (1913): Eine Reise längs der Küste Lüderitzbucht-Swakopmund im Februar-März 1912.- Mitt. Dt. Schutzgeb. 26: 118-126.
- (1923): Geologische Übersichtskarte des mittleren Teils von Südwestafrika 1:1.000.000. Berlin (Deutsche Kolonialges.), 1.
- (1925): Gediegen Schwefel in der Küstenzone Südwestafrikas. – Zbl. Mineral. Geol. Paläont. Reihe A 3: 86-94.
- (1931): The Pomona-Quartzite and Oyster-Horizon on the West Coast north of the mouth of the Oliphants River, Cape Province. - Transact. Royal Soc. S. Afr. 19: 205-214.
- RICHTER, J. (1984): Messum 1: A Later Stone Age pattern of mobility in the Namib Desert. - In: KINAHAN, J., ed.: *loc. cit.*: 1-12.
- (1990): Messum 1, Zentrale Namib. Prähistorische Jäger in extrem arider Umwelt. - Beitr. Allg. Vergl. Archäol. 9/10: 281-358.
- (1991): Studien zur Urgeschichte Namibias (Holocene Stratigraphies in the Brandberg Area). Köln (H.-Barth-Inst.), 345pp.
- (1994): „Zu wenig Chalzedon“ - kritischer Rohstoffmangel bei prähistorischen Wildbeutern in Namibia. - In: BOLLIG, M. & F. KLEES, eds.: *loc. cit.*: 179-186.
- RIMANN, E. (1914): Zur Entstehung von Kalaharisand und Kalaharikalk, insbesondere der Kalkpfannen. – Zbl. Mineral. Geol. Paläontol. 13: 394-400 u. 14: 443-448.
- RINGROSE, S. (1996): The geomorphological context of calcrete deposition in the Dalmore Downs area, Northern territory, Australia. – J. Arid Env. 33: 291-307.
- ROBERT, C. & R. CHAMLEY (1986): La kaolinite des sédiments est-atlantiques, témoin des climats et environnements cénozoïques. – C. R. Acad. Sciences Paris 303 (Ser. II) 17: 1563-1568.
- ROBERTS, B. R. (1985): Stability in savanna lands. - In: TOTHILL, J. C. & J. C. MOTT, eds.: *loc. cit.*: 195-196.
- ROBERTS, N. & R. LAMBERT (1990): Degradation of Dambo Soils and Peasant Agriculture in Zimbabwe. - in: BOARDMAN, J., I. D. L. FOSTER & J. A. DEARING, eds.: Soil Erosion on Agricultural Land. Chichester (Wiley): 537-558.
- ROBINSON, E. R. (1976): A Plant Ecological Study of the Namib Desert Park. Unpubl. M.Sc. Thesis, Pietermaritzburg (University of Natal), 220pp.
- (1977a): List of plant species from the Mirabib Hill area. - Madoqua 10 (4): 295-297.
- (1977b): Phytogeography of the Namib Desert of South West Africa (Namibia) and its significance to discussions of the age and uniqueness of the desert. - Palaeoecology of Africa 10: 67-74.
- ROBINSON, M. D. & M. K. SEELY (1980): Physical and biotic environments of the southern Namib dune ecosystem. – J. Arid Env. 3: 183-203.
- RODENBERG, H. (1931): Die Kulturen der Hirten, Jäger und Sammler Südwestafrikas in ihrer Abhängigkeit von der Landschaft. Diss. Univ. Hamburg. Bad Segeberg (Wäser), 181pp
- ROGERS, A. W. (1920): Geological survey and its aims; and a discussion of the origin of the Great Escarpment. - Transact. Geol. Soc. S. Afr. 22: 19-33.
- (1922): Post-Cretaceous climates of South Africa. – S. Afr. J. Science 19: 1-31.
- (1928): Morphology. - In: ROGERS, A. W., A. L. HALL, P. A. WAGNER & S. H. HAUGHTON: The Union of South Africa. = Handbuch der Regionalen Geologie 7 (7a): 2-14, Heidelberg.
- (1934): The build of the Kalahari. – S. Afr. Geogr. J. 17: 3-12.
- (1937): Surface geology of the Kalahari. - Transact. Royal Soc. S. Afr. 24: 57-80.
- ROGERS, J. (1990): Evidence of environmental change in Quaternary marine sediments off southern Africa. - Palaeoecology of Africa 21: 3-16.
- ROGERS, J. & J. M. BREMNER (1991): The Benguela Ecosystem. Part VII: Marine geological aspects. - Oceanogr. Marine Biol. Ann. Rev. 29: 1-85.

- ROHDE, R. F. (1997): Looking into the past: interpretations of vegetation change in western Namibia based on matched photography. - *Dinteria* 25: 121-149.
- ROHDENBURG, H. (1970): Morphodynamische Aktivitäts- und Stabilitätszeiten statt Pluvial- und Interpluvialzeiten. - *Eiszeitalter und Gegenwart* 21: 81-96.
- (1989): Landschaftsökologie - Geomorphologie. Cremlingen-Destedt (Catena), 220pp.
- ROHDENBURG, H. & U. SABELBERG (1969): Kalkkrusten und ihr klimatischer Aussagewert - neuere Beobachtungen aus Spanien und Nordafrika. - *Göttinger Bodenkundl. Ber.* 7: 3-26.
- ROHRBACH, P. (1907): Deutsche Kolonialwirtschaft I: Südwestafrika. Berlin (Hilfe), 510pp.
- ROUX, A. J. (1998): The Pahl Fault. B. Tech (Geol.) Thesis, Pretoria (Technikon, Faculty of Natural Sciences), 43pp.
- ROUX, J. (1968): Sur le comportement des axes aénens chez quelques plantes à rameaux végétatifs polymorphs. Le concept des rameau plagiotope. - *Ann. Sci. Nat. Bot. (Paris)*, Sér. 12 (9): 109-256.
- RUDNER, I. & J. RUDNER eds.: (1998): The Journal of Gustaf de Vylder 1873-1875. Cape Town (Van Riebeeck Soc. 28), 292pp.
- RUDNER, J. (1957): The Brandberg and its archaeological remains. - *J. S. W. A. Scient. Soc.* 12: 7-44.
- RUST, U. (1970): Beiträge zum Problem der Inselberglandschaften aus dem mittleren Südwestafrika. = *Hamburger Geogr. Stud.* 23, 280pp.
- (1975): Das Spektrum der geomorphologischen Milieus und die Relieftypendifferenzierung in der Zentralen Namib. - in: *Würzburger Geogr. Arb.* 43: 79-110.
- (1979): Über Konvergenzen im Wüstenrelief am Beispiel der südwestafrikanischen Namibwüste (Skelettküste und zentrale Namib). - *Mitt. Geogr. Ges. München* 64: 201-216.
- (1985): Die Entstehung der Etoschapfanne im Rahmen der Landschaftsentwicklung des Etoscha Nationalparks (nördliches Südwestafrika/Namibia). - *Madoqua* 14 (3): 197-266.
- (1987): Geomorphologische Forschungen im südwestafrikanischen Kaokoveld: zum angeblich vollariden quartären Kernraum der Namibwüste. - *Erdkunde* 41 (2): 118-133.
- (1989a): (Paläo-) Klima und Relief: Das Reliefgefüge der südwestafrikanischen Namib-Wüste (Kunene bis 27° s. Br.). = *Münchener Geogr. Abh. Reihe B* 7, München (Geobuch), 158pp.
- (1989b): Reliefanalyse jungpleistozäner und holozäner Klimaschwankungen in der Namib. - *Z. Geomorph. N. F. Suppl.* 74: 127-145.
- (1989c): Grundsätzliches über Flußterrassen als paläoklimatische Zeugen in der südwestafrikanischen Namibwüste. - *Palaeoecology of Africa* 20: 119-132.
- (1991): Klima, Klimaschwankungen und Relief in der randtropischen Namib. - *Geomethodica* 16: 123-168.
- (1996): Zur angeblichen Bedeutung des Tsondab-Sandsteins für die Geomorphogenese der atlantischen Abdachung Namibias - eine Erörterung. - *Die Erde* 127 (4): 253-263.
- RUST, U. & H. H. SCHMIDT (1981): Der Fragenkreis jungquartärer Klimaschwankungen im südwestafrikanischen Sektor des heute ariden südlichen Afrika. - *Mitt. Geogr. Ges. München* 66: 141-174.
- RUST, U., H. SCHMIDT & K. DIETZ (1984): Palaeoenvironments of the present day arid south western Africa 30.000 - 5000 BP: results and problems. - *Palaeoecology of Africa* 16: 109-148.
- RUST, U. & J. C. VOGEL (1988): Late Quaternary environmental changes in the northern Namib es evidenced by fluvial landforms. - *Palaeoecology of Africa* 19: 127-137.
- RUST, U. & F. WIENEKE (1973): Grundzüge der quartären Reliefentwicklung der zentralen Namib, Südwestafrika. - *J. S. W. A. Wiss. Ges.* 27: 5-30.
- (1974): Studies on gramadulla formation in the middle part of the Kuiseb River, South West Africa. - *Madoqua Ser. II* 3 (69-73): 5-15.
- (1976): Geomorphologie der küstennahen Zentralen Namib (Südwestafrika). = *Münchener Geogr. Abh.* 19, 74pp + App.
- (1980): A reinvestigation of some aspects of the evolution of the Kuiseb river valley upstream of Gobabeb, South West Africa. - *Madoqua* 12 (3): 163-173.

- RUTHERFORD, M. C. (1972): Notes on the flora and vegetation of the Omuverume Plateau-Mountain, Waterberg, South West Africa. - *Dinteria* 8: 3-55.
- (1975): Aspects of Ecosystem Function in a Woodland Savanna in South West Africa. Unpubl. Ph.D. Thesis, University of Stellenbosch, 261pp.
- RUTHERFORD, M. C. & R. H. WESTFALL (1986): Biomes of southern Africa - an objective categorization. - *Mem. Bot. Surv. S. Afr.* 54: 1-98.
- RUXTON, L. (1846): Notes on the south-west coast of Africa, communicated by Co. Jackson, Sec. R. G. S. - *Nautical Magazine* 1846: 4-16.
- SACS, ed (1980): Stratigraphy of South Africa. Pretoria (South African Committee for Stratigraphy) = *Geol. Surv. S. Afr. Handbook* 8: 690pp.
- SAKKO, A. (1998): Biodiversity of marine habitats. - In: BARNARD, P., ed.: Biological Diversity in Namibia - a country study. Windhoek (Namibian National Biodiversity Task Force): 189-226.
- SAMPSON, C. G. (1974): the Stone Age Archaeology of Southern Africa. New York (Adademic Pr.): 518pp.
- SANDELOWSKY, B. H. (1977): Mirabib - an archaeological study in the Namib. - *Madoqua* 10 (4): 221-281.
- (1983): Archaeology in Namibia. - *American Scientist* 71: 606-615.
- SANDELOWSKY, B. H. & R. G. CAMBY (1988): Namibia yesterday, today and tomorrow. - In: WHITEHEAD, E. et al., eds.: Arid Lands. Today and Tomorrow. = Proc. Intern. Res. Developm. Conf. Tucson (Westview Pr.): 1121-1125.
- SANDELOWSKY, B. H. & A. VIERECK (1969): Supplementary Report on the Archaeological Expedition of 1962 to the Erongo Mountains of South West Africa. = *Cimbebasia Ser. B*, Vol. 1 (1), 43pp.
- SANDMANN, B. (1901): Das Klima der Walfischbai. = Beilage zum 77. Jahresbericht über das Kgl. Gymn. Theodorianum, Paderborn (Junsermann), 36pp+App.
- SARMIENTO, G. & M. MONASTERIO (1983): Life forms and phenology. - In: BOURLIÈRE, F., ed.: *loc. cit.*: 79-108.
- SARNTHEIN, M. (1978): Sand deserts during glacial maximum and climatic optimum. - *Nature* 272: 43-46.
- SAUER, E. G. F. (1966): Fossil eggshell fragments of a giant Struthious bird (*Struthio oshanai*, sp. nov.) from Etosha Pan, South West Africa. - *Cimbebasia* 14: 1-51.
- (1968): Calculations of Struthious egg sizes from measurements of shell fragments and their correlation with phylogenetic aspects. - *Cimbebasia* A1 (2): 27-55.
- SCHALK, K. E. L. (1983): Geologische Geschichte des Gamsberg-Gebietes. - *J. S. W. A. Wiss. Ges.* 38: 7-15.
- SCHEFFER, F. & P. SCHACHTSCHABEL (1992): Lehrbuch der Bodenkunde. 13. Aufl. Stuttgart (Enke), 491pp.
- SCHENCK, A. (1901): Über eine im vorigen Jahr in der Walfischbucht neue entstandene und wieder verschwundene Insel. - *Z. Dt. Geol. Ges.* 53: 55-56.
- (1906): Die Kalahari (nach S. Passarge). - *Geogr Z.* 72: 519.
- SCHIEFERSTEIN, B. (1989): Ökologische Untersuchungen an den Flechtenfeldern der Namib-Nebelwüste. Unpubl. Diplomarb., Stuttgart-Hohenheim (Bot. Inst.), 180pp.
- (1991): Ökologische Untersuchungen an den Flechtenvorkommen der Namib-Nebelwüste. - *Namib und Meer* 11: 5-20.
- SCHIEFERSTEIN, B. & K. LORIS (1992): Ecological investigations on lichen fields of the Central Namib. - *Vegetatio* 98: 111-128.
- SCHINZ, H. (1888-1890): Beiträge zur Kenntnis der Flora von Deutsch-Südwestafrika und der angrenzenden Gebiete, Teil I, II, III + IV. - *Verh. bot. Ver. Prov. Brandenburg* 29: 44-64, 30: 138-186 + 229-276, 31: 179-230.
- (1891): Deutsch-Südwestafrika. Oldenburg (Schultze), 568pp.
- SCHLETTWEIN, C. (1907): Der Farmer in Deutsch-Südwestafrika. Wismar (Hinstorff), 273pp.
- SCHLICHTING, E., H.-P. BLUME & K. STAHR (1995): Bodenkundliches Praktikum. Berlin (Blackwell), 295pp.
- SCHNEIDER, A. (1983): The chemical composition of the common metamorphic sediments of the Damara Orogen. - In: MARTIN, H. & F. W. EDER, eds.: *Intracontinental Fold Belts*. Berlin (Springer): 655-677.

- SCHNEIDER, G. I. C. & M. B. SCHNEIDER (1989): Grundlagen zur geographischen und geologischen Ausgangssituation Südwestafrika/Namibias. - Frankfurter Wirtschafts- und Sozialgeogr. Schr. 53: 37-56.
- SCHNEIDER, R. R. (1995): Wechselwirkungen zwischen der Oberflächenzirkulation im östlichen Südatlantik und dem westafrikanischen Monsunsystem während des Spätquartärs. - Geomethodica 20: 125-161.
- SCHNEIDERHÖHN, H. (1929): Das Otavibergland und seine Erzlagerstätten. – Z. prakt. Geol. 37: 87-116.
- SCHOEMAN, A. (1996): Skeleton Coast. Halfway House (Southern Books), 148pp.
- SCHOLZ, H. (1963): Studien über die Bodenbildung zwischen Rehoboth und Walvis Bay. Dissertation (Landwirtschaftl. Fak., Univ. Bonn), 184pp.
- (1965): Tonverlagerung in einigen südwestafrikanischen Böden. - Mitt. Dt. Bodenkundl. Ges. 4: 83-90.
- (1968a): Die Böden der Wüste Namib/Südwestafrika. - Z. Pflanzenern. Bodenk. 119 (2): 91-107.
- (1968b): Die Böden der Halbwüste Südwestafrikas. - Z. Pflanzenern. Bodenk. 120 (2): 105-118.
- (1968c): Die Böden der trockenen Savanne Südwestafrikas. – Z. Pflanzenern. Bodenk. 120 (2): 118-130.
- (1968d): Die Böden der feuchten Savanne Südwestafrikas. – Z. Pflanzenern. Bodenk. 120 (3): 209-221.
- (1971): Calcretes and their formation. A survey based on observations in South-West-Africa. - Pedologia 21: 170-180.
- (1972): Some typical soils of South West Africa. Unpubl. Vortragsmanuskript, 5<sup>th</sup> Nat. Congr. S. Afr. Soc. Soil Science, Salisbury/Rhodesia, Februar 1972, 6pp.
- SCHREIBER, U. M. (1996): The Geology of the Walvis Bay Area. Windhoek (Geol. Surv.), 50pp.
- SCHREUDER, W. (1988): Dieback of Blackthorn (*Acacia mellifera* Subsp. *detinens*) in South West Africa. MSc. Thesis in Agric., Univ. Stellenbosch, 61pp.
- SCHUBERT, E. (1913): Landwirtschaft und ihre Nebenbetriebe in Südwestafrika. Dissertation Univ. Heidelberg (Winter), 112pp.
- SCHULTZE-JENA, L. (1907): Aus Namaland und Kalahari. Jena (Fischer), 752pp.
- (1914): Südwestafrika. - In: MEYER, H., ed.: Das Deutsche Kolonialreich 2 (2)., Leipzig (Bibliogr. Inst.): 129-298.
- SCHULZ, H. N., T. BRINKHOFF, T. G. FERDELMANN, M. HERNÁNDEZ MARINÉ, A. TESKE & B. B. JØRGENSEN (1999): Dense populations of a giant sulfur bacterium in Namibian shelf sediments. - Science 284: 493-495.
- SCHULZE, B. R. (1969): South Africa. - In: H. E. LANDSBERG, ed.: World Survey of Climatology 10 (Africa), Amsterdam (Elsevier): 501-555.
- SCHULZE, E. D., H. ZIEGLER & W. STICHLER (1976): Environmental control of Crassulacean Acid Metabolism in *Welwitschia mirabilis* Hook. fil. in its range of natural distribution in the Namib Desert. - Oecologia 24: 323-334.
- SCHWARZ, E. H. L. (1919): The Kalahari or Thirstland Redemption. Cape Town (T. Maskew Miller), 163pp.
- SCHWEGLER, H. (1981): Stabilitätsbegriffe für biologische Systeme. – Angew. Bot. 55: 129-137.
- SCLATER, J. G. & D. P. MCKENZIE (1973): Paleobathymetrie of the South Atlantic. - Geol. Soc. Am. Bull. 84: 3203-3215.
- SCOTT, L. (1984): Palynological evidence for Quaternary palaeoenvironments in southern Africa. - In: KLEIN, R. G., ed.: Southern African Prehistory and Palaeoenvironments. Rotterdam (Balkema): 65-80.
- (1993): Palynological evidence for late Quaternary warming episodes in southern Africa. – Palaeogeogr. Palaeoclim. Palaeoecol. 101: 229-236.
- SEELY, M. K. (1978): The Namib dune desert: an unusual ecosystem. - J. Arid Env. 1: 117-128.
- SEELY, M. K., W. H. BUSHKIRK, W. J. HAMILTON & J. E. W. DIXON (1981): Lower Kuiseb perennials vegetation survey. - J. S. W. A. Wiss. Ges. Windhoek 34/35: 57-86.
- SEELY, M. K., M. P. DE VOS & G. N. LOUW (1977): Fog imbibition, satellite fauna and unusual leaf structure in a Namib Desert dune plant (*Trianthema hereroensis*). – S. Afr. J. Science 73: 169-172.
- SEELY, M. K. & W. J. HAMILTON III (1978): Durability of vehicle tracks on three Namib Desert substrates. - S. Afr. J. Wildl. Res. 8: 107-111.
- SEELY, M. K. & B. H. SANDELOWSKI (1974): Dating the regression of a river's end point. – S. Afr. Archaeol. Bull. Goodwin Ser. 2: 61-64.

- SEFTON, M., J. MARTINI & R. ELLIS (1986): Cave descriptions. - *Bull. Speleol. Ass. S. Afr.* 27 (2): 86-97.
- SEINER, F. (1904): Bergtouren und Steppenfahrten im Hereroland. Berlin (Süsserott), 278pp.
- SEINER, F. (1909): Pflanzengeographische Beobachtungen in der Mittel-Kalahari. - In: Beiträge zur Flora von Afrika 38. - In: Engler's Bot. Jb. 46: 1-56.
- SELBY, M. J. (1976): Some thoughts on the geomorphology of the Central Namib Desert. - In: Bulletin of the Desert Ecological Research Unit 1 = *Namib Bull. Transvaal Museum* 1: 5-6.
- (1977a): Bornhardts of the Namib Desert. - *Z. Geomorph. N. F.* 21: 1-13.
- (1977b): Palaeowind directions of the Central Namib Desert, as indicated by ventifacts. - *Madoqua* 10: 195-198.
- (1982): Form and origin of some Bornhardts of the Namib Desert. - *Z. Geomorph. N. F.* 26: 1-15.
- SELBY, M. J., C. H. HENDY & M. K. SEELY (1979): A late Quaternary lake in the central Namib Desert, southern Africa, and some implications. - *Palaeogeogr. Palaeoclim. Palaeoecol.* 26: 37-41.
- SENUT, B., M. PICKFORD, P. MEIN, G. CONROY & J. VAN COUVERING (1992): Découverte de douze sites fossilifères néogènes dans les paléokarsts des Monts Otavi en Namibie. - *C. R. Acad. Sci. Paris Sér. II* 314: 727-733.
- SERTON, P., ed. (1954): The Narrative and Journal of Gerald McKiernan in South West Africa 1874-1879. Cape Town (Van Riebeeck Soc.), 197pp.
- SETH, B. & C. KÜLLS (1998): Entstehung und hydrologische Funktion von Hexenringen in der Giribesvlakte. - In: OKRUSCH, M., ed.: Arbeitsbericht zur zweiten Projektphase des Graduiertenkollegs „Geowissenschaftliche Gemeinschaftsforschung in Afrika“. Fak. für Geowiss. Univ. Würzburg (unpubl.): 120-121.
- SEYDEL, R. (1951): Das Schwemmland im Swakoptal 1913-1943. - *J. S. W. A. Wiss. Ges.* 8: 13-43.
- SHACKLETON, N. J. & J. P. KENNEDY (1975): Palaeotemperature history of the Cenozoic and the initiation of Antarctic glaciation: oxygen and carbon isotope analyses in D. S. D. P. sites 277, 279 and 281. - In: KENNEDY, J. P. et al., eds.: Initial Reports of the Deep Sea Drilling Project 29: 743-755.
- SHACKLEY, M. L. (1980): An Acheulean site with *Elephas recki* fauna from Namib IV, South West Africa/Namibia. - *Nature* 284: 340-341.
- (1982): Namib IV and the Acheulean technocomplex in the central Namib Desert (South West Africa). - *Palaeoecology of Africa* 14: 151-158.
- (1985): Palaeolithic archaeology of the central Namib Desert. = *Cimbebasia Memoir* 6, Windhoek, 84pp.
- (1986): A macrolithic factory site at Massari, Kavango (South West Africa/ Namibia): affinities and interpretation. - *S. Afr. Archaeol. Bull.* 41: 69-80.
- SHANNON, L. V. (1985): The Benguela ecosystem, part 1: Physical features and processes. - *Oceanogr. Marine Biol. Ann. Rev.* 23: 105-182.
- (1989): The physical environment. - In: PAYNE, A. I. L. & R. J. M. CRAWFORD, eds.: Oceans of Life off Southern Africa. Cape Town (Vlaeberg): 12-27.
- SHANNON, L. V., A. J. BOYD, G. B. BRUNDRIT & J. TAUNTON-CLARK (1986): On the existence of an El Niño-type phenomenon in the Benguela system. - *J. Marine Res.* 44 (3): 495-520.
- SHANNON, L. V. & G. NELSON (1996): The Benguela: large scale features and processes and system variability. - In: WEFER, G. W. H. BERGER, G. SIEDLER & D. J. WEBB, eds.: The South Atlantic Past and Present Circulation. Berlin (Springer): 163-210.
- SHANNON, L. V. & M. J. O'TOOLE (1998): Integrated Overview of the Oceanography and Environmental Variability of the Benguela Current Region. = *Synthesis and Assessment of Information on Benguela Current Large Marine Ecosystem (BCLME) Thematic Report 2*. UNDP/GEF, Cape Town, 57pp.
- SHAW, P. A. (1988): Lakes and pans. - In: MOON, B. P. & G. F. DARDIS, eds.: *loc cit.*: 120-140.
- SHILLINGTON, F. P. (1998): The Benguela Upwelling System off Southwestern Africa, coastal segment. - In: ROBINSON, A. R. & K. H. BRINK, eds.: *The Sea*, Vol. II: 583-604.
- SIESSER, W. G. (1977): Upper Eocene age of marine sediments at Bogenfels, South West Africa, based on calcareous nannofossils. - *Bull. Geol. Surv. S. Afr.* 60: 72-74.

- (1978): Aridification of the Namib Desert: evidence from oceanic cores. - In: VAN ZINDEREN BAKKER, E. M., ed.: Antarctic Glacial History and World Palaeoenvironments. Rotterdam (Balkema): 105-113.
- (1980): Late Miocene origin of the Benguela upswelling system. - Science 208: 283-285.
- SIESSER, W. G. & R. V. DINGLE (1981): Tertiary sealevel movements around southern Africa. – J. Geol. 89: 523-536.
- SIESSER, W. G. & J. ROGERS (1976): Authigenic pyrite and gypsum in South West African continental slope sediments. - Sedimentology 23: 567-577.
- SIESSER, W. G. & D. SALMON (1979): Eocene marine sediments in the Sperrgebiet, South West Africa. - Ann. S. Afr. Museum 79: 9-34.
- SIMMONS, R. (1998): Areas of high species endemism. - In: BARNARD, P., ed.: Biological Diversity in Namibia - a country study. Windhoek (Namibia National Biodiversity Task Force): 72-74.
- SINGER, A., W. KIRSTEN & C. BÜHMANN (1995): Fibrous clay minerals in the soils of Namaqualand, South Africa: characteristics and formation. - Geoderma 66: 43-70.
- SMALE, D. (1973): Silcrete and associated silica diagenesis in southern Africa and Australia. – J. Sedim. Petrol. 43: 1077-1089.
- SMETTAN, U. (1987): Typische Böden und Bodengesellschaften der Extrem-Wüste Südwest-Ägyptens. = Berliner Geowissenschaftliche Abhandlungen 83, 190pp.
- SMITH, A. G. (1985): Dambos, pediments and fragile equilibria on the Zambian plateau. – Z. Geomorph. N. F. Suppl. 52: 171-186.
- SMITH, D. A. M. (1965): The Geology of the Area around the Khan and Swakop Rivers in South West Africa. = Memoirs of the Geological Survey of South Africa, SWA Series 3, 113pp.
- SMITH, D. D. & W. H. WISCHMEIER (1957): Factors affecting sheet and rill erosion. - Transact. Am. Geophys. Union 38 (6): 889-896.
- SMITH, G. F., ed. (1998): Mesembs of the World. Pretoria (Briza), 405pp.
- SMITH, R. A. (1983): Soil Analysis: Instrumental Techniques and Related Procedures. New York (Dekker), 562pp.
- SMITH, R. M. H., T. R. MASON & J. D. WARD (1993): Flashflood sediments and ichnofacies of the late Pleistocene Homeb silts, Kuiseb River, Namibia. - Sediment. Geol. 85: 579-599.
- SOIL SURVEY STAFF, ed. (1975): Soil Taxonomy. A Basic System of Soil Classification for Making and Interpreting Soil Surveys. = Agricultural Handbook 436. Washington D. C. (US Dept. Agric.).
- SOUTH AFRICAN COMMITTEE FOR STRATIGRAPHY (SACS), ed. (1980): Stratigraphy of Southern Africa, Part 1: Lithostratigraphy of South Africa, South West Africa/Namibia and the Republics of Bophuthatswana, Transkei and Venda. = Handbook Geol. Surv. S. Afr. 8. Pretoria, 690pp.
- SPÖNEMANN, J. (1989): Rumpfflächenstockwerke in Ost- und Südwestafrika und ihre Bedeutung für eine Theorie der Rumpfflächenbildung. - Bayreuther Geowiss. Arb. 14: 141-157.
- (1995): Some results of recent morphotectonic studies in south-western Africa. - In: BARTON, J. M. & Y. E. COPPERTHWAITE, eds.: Ext. Abst. Centennial Geocongr. (April 3-7, 1995). Geol. Soc. S. Afr., Vol. 1: 479-482.
- (1997): Zur Morphotektonik eines passiven Kontinentalrandes: Die Highveldstufe in der südwestlichen Kapregion (Südafrika). - Göttinger Geogr. Abh. 100: 43-61.
- (1999): Die Vertikalgliederung des Festlandes und der Schelfsedimente als morphogenetische Indikatoren im südwestlichen Afrika, Abstract. - In: GK GEOWISSL. FORSCHUNG IN AFRIKA, ed.: Jahrestreffen der Afrikagr. deutscher Geowissenschaftler (AdG), Würzburg: 36.
- SPÖNEMANN, J. & E. BRUNOTTE (1989): Zur Reliefgeschichte der südwestafrikanischen Randschwelle zwischen Huab und Kuiseb. – Z. Geomorph. N. F. Suppl. 74: 111-125.
- (1992): Zur Morphotektonik im südlichen Namibia. – Zbl. Geol. Paläont., Teil I (3/4): 230-233.
- SPONHOLZ, B. (1989): Karsterscheinungen in nichtkarbonatischen Gesteinen der östlichen Republik Niger. = Würzburger Geogr. Arb. 75, 265pp.
- SPREITZER, H. (1963): Die Zentrale Namib. - Mitt. Österr. Geogr. Ges. Wien 105 (3): 340-356.

- (1966a): Beobachtungen zur Geomorphologie der zentralen Namib und ihrer Randgebiete. – J. S. W. A. Wiss. Ges. 20: 69-94.
- (1966b): Landschaft und Landformung der zentralen Namib (mit Fragen der Wasserversorgung). – Abh. dt. Akad. Naturf. Leopoldina N. F./Nova Acta Leopoldina 176 (31): 131-138.
- SSSSA, ed. (1990): Handbook for Standard Soil Testing Methods for Advisory Purposes. Pretoria (Soil Science Society of South Africa), 35 parts.
- STAHL, A. (1940): Die Otaviformation des Etoschabogens (Südwest-Afrika). - Beitr. Geol. Erf. Dt. Schutzgeb. 22: 1-66.
- STALS, E. L. P., ed. (1991): The Commissions of W. C. Palgrave, Special Emissary to South West Africa 1876-1885.= Second Series 21. Cape Town (Van Riebeeck Society): 441pp.
- STANDER, G. H. (1964): The Benguela Current off South West Africa. Investigational Reports of the Marine Research Laboratories of South West Africa 12, 43pp.
- STAPFF, F. M. (1887): Karte des untern !Kuisebtales. - Peterm. Geogr. Mitt. 33: 202-214.
- STENGEL, H. W. (1964a): Die wasserwirtschaftliche Entwicklung einer Farm in Südwestafrika. – J. S. W. A. Wiss. Ges. 17: 37-102.
- (1964b): Die Riviere der Namib und ihr Zulauf zum Atlantik, Teil 1: Kuiseb und Swakop. Scientific Papers of the Namib Desert Research Station, Original Print 22, Windhoek, 50pp
- (1966a): Die Riviere der Namib und ihr Zulauf zum Atlantik, Teil 2: Omaruru und Ugab. Scientific Papers of the Namib Desert Research Station, Original Print 30, Windhoek, 35pp
- (1966b): Der Schwarze Nosob. Windhoek (S. W. A. Wiss. Ges.), 60pp.
- (1970): Die Riviere der Namib und ihr Zulauf zum Atlantik, Teil 3: Tsondab, Tsams und Tsauchab. Unpubl. Report, Department of Water Affairs, Windhoek, 120pp + App.
- (1976): Die große Flut in Swakopmund. - Namib und Meer 7: 47-64.
- STENGEL, I. (1992): Zur äolischen Morphodynamik von Dünen und Sandoberflächen. = Würzburger Geogr. Arb. 83, 363pp.
- (1997): Fossil landslides in Southern Namibia - first results. - Würzburger Geogr. Arb. 92: 269-284.
- (2000): Der Einfluß spätproterozoischer Verwitterung auf die post-Gondwana-zeitliche Reliefgenese im Rooirand-Bereich zwischen Helmeringhausen und Bethanien (Südnamibia). – Zbl. Geol. Paläontol. Teil I (5/6): 623-640.
- STENGEL, I. & D. BUSCHE (1992): Zur geomorphologischen Entwicklung des Gross Brukkaros (S-Namibia) und seiner Umgebung. – Zbl. Geol. Paläontol., Teil I 1992 (3/4): 244-249.
- STERN, C. & B. LAU (1990): Namibian Water Resources and Their Management: a Preliminary History. = Archeia 15. Windhoek (National Archives), 79pp.
- STOCKEN, C. G. (1962): The diamond deposits of the Sperrgebiet, South West Africa: Excursion Guide of the 5<sup>th</sup> Congr. Geol. Soc. S. Afr.. Pretoria, 15pp.
- STOCKING, M. A. (1972): Relief analysis and soil erosion in Rhodesia using multivariate techniques. – Z. Geomorph. N.F. 16: 432-443.
- (1983): Field and Laboratory Handbook for Soils. = Manuals and Reports in Development Studies 17. Norwich (Univ. of East Anglia, School of Development Studies), 86pp.
- (1984): Rates of erosion and sediment yield in the African environment. - In: WALLING, D. E., S. S. D. FOSTER & P. WURZEL, eds.: Challenges in African Hydrology and Water Resources. = Publication 144, Intern. Ass. Sci. Hydrol. (Proc. Harare Symp.): 463-473.
- (1987a): A Methodology for Erosion Hazard Mapping of the SADCC Region. Paper prepared for the Workshop on Erosion Hazard Mapping Lusaka, Zambia, April 1987. Maseru/Lesotho (S. Afr. Developm. Coord. Conf.), 33pp.
- (1987b): Measuring land degradation. - In: BLAIKIE, P. & H. BROOKFIELD, eds.: Land Degradation and Society. London (Methuen): 49-63.
- STOCKING, M. A., Q. K. CHAKELA & H. ELWELL (1988): An improved methodology for erosion hazard mapping, part I: the technique. - Geografiska Annaler 70 A (3): 169-180.

- STROHBACH, M. M. (1991): The Kuiseb River Environment: a description. B. Sc. (Hons.) Thesis, Department of Botany, Univ. of Port Elizabeth: 96pp.
- STUUT, J.-B. W., N. SHI, J. H. F. JANSEN & G. POSTMA (1999): Late Quaternary southwest African terrestrial-climate signals in the marine record of Walvis Ridge, SE Atlantic Ocean. - In: LEE-THORP, J. & H. CLIFT, eds.: The Environmental Background to Hominid Evolution in Africa. Abstr., INQUA, XV Internat. Congr. Durban: 174-175.
- SULLIVAN, L. A. (1990): Micromorphology and genesis of some calcite pseudomorphs after lenticular gypsum. - Australian J. Soil Res. 28: 483-485.
- SUMMERFIELD, M. A. (1982): Distribution, nature and probable genesis of silcrete in arid and semi-arid southern Africa. - In: YAALON, D. A., ed.: Aridic Soils and Geomorphic Processes. = Catena Suppl. 1: 37-66.
- (1983a): Silcrete. - In: GOUDIE, A. S. & K. PYE, eds.: Chemical Sediments and Geomorphology. London (Academic Pr.): 59-92.
- (1983b): Silcrete as a palaeoclimatic indicator: evidence from southern Africa. - Palaeogeogr. Palaeoclim. Palaeoecol. 41: 65-79.
- SUMMERHAYES, C. P., G. F. BIRCH, J. ROGERS & R. V. DINGLE (1973): Phosphate in sediments off south-western Africa. - Nature 243: 509-511.
- SWANEVELDER, C. J. (1974): 'n Morphometriese studie van die Tsauchabvallei van die sentrale Namib. – S. Afr. Geographer 4 (4): 325-334.
- SWEETING, M. M. & N. LANCASTER (1982): Solutional and wind erosion forms on limestone in the Central Namib Desert. – Z. Geomorph. N. F. 26 (2): 197-207.
- SYDOW, W. (1969): The discovery of a Boskop skull at Otjiseva near Windhoek, S. W. A. – S. Afr. J. Science 56 (3): 77-81.
- (1970): Report on Some Fossil Remains from Otjiseva, S. W. A. = Scientific Res. in South West Africa 9, Windhoek (S. W. A. Scient. Soc.), 48pp.
- TABLER, E. C. (1973): Pioneers of South West Africa and Ngamiland, 1738-1880. Cape Town (Balkema), 142pp.
- TANKARD, A. J. (1974): Varswater-Formation of the Langebaanweg-Saldanha area, Cape Province. - Transact. Geol. Soc. S. Afr. 77 (3): 265-283.
- (1975): Thermally anomalous Pleistocene molluscs from the south-western Cape Province, South Africa. - Ann. S. Afr. Museum 69: 17-65.
- TANKARD, A. J., K. A. ERIKSSON, D. R. HUNTER, M. P. A. JACKSON & W. E. L. MINTER (1982): Crustal Evolution of Southern Africa: 3.8 Billion Years of Earth History. New York (Springer), 523pp.
- TANKARD, A. J. & J. ROGERS (1978): Late Cenozoic paleoenvironments on the west coast of Southern Africa. – J. Biogeogr. 5: 319-337.
- TELLER, J. T. & N. LANCASTER (1986a): History of sediments at Khomabes, central Namib Desert. - Madoqua 14(4): 409-420.
- (1986b): Lacustrine sediments at Narabeb in the central Namib Desert, Namibia. - Palaeogeogr. Palaeoclim. Palaeoecol. 56 (3/4): 177-195.
- (1987): Description of Late Cenozoic sediments of Narabeb, central Namib Desert. - Madoqua 15 (2): 163-167.
- TELLER, J. T., N. RUTTER & N. LANCASTER (1990): Sedimentology and palaeohydrology of Late Quaternary lake deposits in the northern Namib sand sea, Namibia. - Quaternary Science Rev. 9 (4): 343-364.
- TELLER, J. T., M. RYBAK, I. RYBAK, N. LANCASTER, N. W. RUTTER & J. D. WARD (1988): Diatoms and other fossil remains in calcareous lacustrine sediments of the northern Namib Sand Sea, South West Africa/Namibia. - In: DARDIS, G. F. & B. P. MOON, eds.: loc. cit.: 159-174.
- THERON, G. K. & N. VAN ROOYEN (1980): Vegetation of the lower Kuiseb River. - Madoqua 11 (4): 327-345.
- THERON, G. K., N. VAN ROOYEN & M. W. VAN ROOYEN (1985a): Vegetation of the lower Kuiseb River. - In: HUNTLEY, B. J., ed.: The Kuiseb Environment. = CSIR Report 106: 73-80.
- THERON, G. K., N. VAN ROOYEN, M. W. VAN ROOYEN & W. J. JANKOWITZ (1985b): Vegetation structure and vitality in the lower Kuiseb. - In: HUNTLEY, B. J., ed.: The Kuiseb Environment. = CSIR Report 106: 81-91.

- THIENE, H. (1907): Untersuchungen von Gesteinen aus dem Gebiete der Reiseroute. - In: SCHULZE-JENA, L.: Aus Namaland und Kalahari. Jena (Fischer): 679-683.
- THOMAS, D. S. G. (1988a): Analysis of linear dune sediment-form relationships in the Kalahari dune desert. - In: Earth Surface Processes and Landforms 13: 545-553.
- (1988b): The biogeomorphology of arid and semi-arid environments. - In: VILES, H. A., ed.: Biogeomorphology. Oxford (Basil Blackwell): 193-221.
- (1988c): The nature and depositional setting of arid and semi-arid Kalahari sediments, southern Africa. - J. Arid Env. 14: 17-26.
- (1988d): The geomorphological role of vegetation in the dune systems of the Kalahari. - In: DARDIS, G. F. & B. P. MOON, eds.: *loc. cit.*: 145-158.
- THOMAS, D. S. G. & P. A. SHAW (1991): The Kalahari Environment. Cambridge (Cambridge Univ. Pr.), 284pp.
- (1993): The evolution and characteristics of the Kalahari, Southern Africa. - J. Arid Env. 15: 97-108.
- THOMAS, M. F. & A. S. GOUDIE, eds. (1985): Dambos: small channelless valleys in the Tropics. = Z. Geomorph. Suppl. 52, 225pp
- THORNES, J. B. (1985): The ecology of erosion. - Geography 70 (3): 222-236.
- (1987): The palaeoecology of erosion. - In: WAGSTAFF, J. M., ed.: Landscapes and Culture. London (Blackwell): 37-55.
- , ed. (1990a): Vegetation and Erosion: Processes and Environments. Chichester (Wiley).
- (1990b): The interaction of erosional and vegetational dynamics in land degradation. - In: THORNES, J. B., ed.: *loc. cit.*: 41-53.
- THORNTHTWAITE, C. W. & J. R. MATHER (1955): The role of evapotranspiration in climate. - Archives for Meteorol. Geophys. Bioclimatol. Ser. B 3: 16-39.
- TIDMARSH, C. E. M. & C. M. HAVENGA (1955): The Wheel-Point Method of Survey and Measurement of Semi-open Grasslands and Karoo Vegetation in South Africa. = Mem. Bot. Surv. S. Afr. 29. Pretoria (Dept. Agric.).
- TINDALL, B. A., ed. (1959): The Journal of Joseph Tindall - Missionary in South West Africa 1839-55. Cape Town (Van Riebeeck Soc.), 221pp.
- TORQUATO, J. R. (1972): Origin and evolution of the Moçamedes Desert. - In: DESSAUVAGIE, T. F. J. & A. J. WHITEMAN, eds.: African Geology. = Proc. Conf. Afr. Geol., Univ. Ibadan 1970: 449-459.
- TOTHILL, J. C. & J. C. MOTT, eds. (1985): Ecology and Management of the World's Savannas. Canberra (Australian Academy of Sciences), 384pp.
- TROLLOPE, W. S. W. (1982): Ecological effects of fire in south African savannas. - In: HUNTLEY, B. J. & B. H. WALKER, eds.: *loc. cit.*: 292-306.
- TUCKER, M. E. (1978): Gypsum crust (gypcrete) and patterned ground from northern Iraq. - Z. Geomorph. N. F. 22: 89-100.
- TWIDALE, C. R. (1988): The missing link: Planation surfaces and etch forms in southern Africa. - In: DARDIS, G. F. & B. P. MOON, eds.: *loc. cit.*: 31-46.
- TYSON, P. D. (1969): Atmospheric Circulation and Precipitation over South Africa. = Environmental Studies Occasional Paper 2. Johannesburg (Department of Geography, Univ. of the Witwatersrand), 22pp.
- (1978): Rainfall changes over South Africa during the period of meteorological record. - In: WERGER M. J. A., ed.: *loc. cit.*: 53-69.
- (1980): Temporal and spatial variation of rainfall anomalies in Africa south of latitude 22° during the period of meteorological record. - Climatic Change 2: 363-371.
- (1981): Climate and desertification in southern Africa. - Geo Journal Suppl. 2: 3-10.
- (1986): Climatic Change and Variability in Southern Africa. Cape Town (Oxford Univ. Pr.), 220pp.
- (1990): Modelling climatic change in southern Africa: a review of available methods. - S. Afr. J. Science 86: 318-330.
- (1993): Recent developments in the modelling of the future climate of southern Africa. - S. Afr. J. Science 89 (10): 494-505.

- TYSON, P. D. & M. K. SEELY (1980): Local winds over the Central Namib. - S. Afr. Geogr. J. 62 (2): 135-150.
- UHLMANN, R. (1974): Neuentdeckung von Höhlen im Otavi-Bergland. - Mitt. S. W. A. Wiss. Ges. 15 (9/10): 13-16.
- VAHRMEIJER, J. (1987): Gifplante van Suider-Afrika wat veeverliese veroorsaak. Kaapstad (Tafelberg Publ.), 168pp.
- VAIL, P. R. & J. HARDENBOL (1979): Sea-level changes during the Tertiary. - Oceanus 22: 71-79.
- VAIL, P. R., R. M. MITCHUM & S. THOMPSON (1977): Seismic stratigraphy and global changes of sea level, part IV: global cycles of relative changes of sea level. - Mem. Am. Ass. Petroleum Geol. 26: 83-97.
- VALETON, I. (1982): Klimaperioden lateritischer Verwitterung und ihr Anteil in den synchronen Sedimentationsräumen. - Z. dt. Geol. Ges. 134: 413-452.
- VAN DER MERWE, J. H. (1983): National Atlas of South West Africa (Namibia). Cape Town (Univ. Stellenbosch/ Directorate Development Co-ordination SWA), 92 Maps.
- VAN DER POEL, P. (1980): Rainfall erosivity and its use for soil loss estimation. Gaborone (Department of Agriculture: Division of Land Utilization), 35pp.
- VAN DER WESTHUIZEN, W. A. (1984): The Nature, Genesis and Geochemistry of the Supergene Vanadium Ores of the Otavi Mountain Land. Unpubl. PhD Thesis, University of the Orange Free State, Bloemfontein: 196pp.
- VAN DER WESTHUIZEN, W. A., E. A. W. TORDIFFE, J. C. LOOCK & H. DE BRUYN (1988): Quaternary karstification and vanadium mineralization in the Otavi Mountain Land, South West Africa/Namibia. - Palaeoecology of Africa 19: 391-400.
- VAN GILS, H., S. GROTE, H. HUIZING, W. VAN WIJNGAARDEN, D. VAN DER ZEE & I. S. ZONNEVELD (1991): Land Ecology and Landuse Survey. ITC Lecture Series N9, Parts B-E Enschede, Netherlands (International Institute for Aerospace Survey and Earth Sciences (ITC), Department of Land Resources Surveys and Rural Development).
- VAN OUDTSHOORN, F. & E. VAN WYK (1992): Guide to Grasses of South Africa. Arcadia (Briza Publ.), 301pp.
- VAN RIET LOWE, C. R. (1932): The archaeology of the Vaal River Basin. - Mem. Geol. Surv. S. Afr. 35: 61-184.
- (1952a): The development of the hand-axe culture in South Africa. - Proc. First Pan-Afr. Congr. Prehist., Nairobi 1947: 167-177.
- (1952b): The Vaal River chronology. An up-to-date summary. - S. Afr. Archaeol. Bull. 7: 135-149.
- VAN ROOYEN, N., G. J. BREDENKAMP & G. K. THERON (1991): Kalahari vegetation: veld condition trends and ecological status of species. - Koedoe 34 (1): 61-72.
- VAN WYK, B. E. & G. SMITH (1996): Guide to the Aloes of South Africa. Pretoria (Briza), 302.
- VAN ZINDEREN BAKKER, E. M. (1975): The origin and palaeoenvironment of the Namib Desert biome. - J. Biogeogr. 2: 65-73.
- (1976): The evolution of Late Quaternary palaeoclimates of southern Africa. - Palaeoecology of Africa 9: 160-202.
- , ed. (1978a): Antarctic Glacial History and World Palaeoenvironment. Rotterdam (Balkema).
- (1978b): Quaternary vegetation changes in southern Africa. - In: WERGER, M. A. J., ed.: loc. cit.: Vol. 1: 131-143.
- (1982): African palaeoenvironments 18 000 yrs BP. - Palaeoecology of Africa 15: 77-99.
- (1984a): Palynological evidence for late Cainozoic arid conditions along the Namibia coast from holes 532 and 530A, LEG 75, DSDP. - In: HAY, W. W. & J. C. SIBUET, eds.: Initial Reports of the Deep Sea Drilling Project, Vol. 75. Washington (Government Pr.): 217-235.
- (1984b): A late- and post-glacial pollen record from the Namib desert. - Palaeoecology of Africa 16: 421-428.
- (1984c): Aridity along the Namibian coast. - Palaeoecology of Africa 16: 149-160.
- VAN ZINDEREN BAKKER, E. M. & M. MÜLLER (1987): Pollen studies in the Namib desert. - Pollen and Spores 29 (2/3): 185-206.
- VAN ZUIDAM, R. A. (1975): Calcrete: A review of concepts and an attempt to a new genetic classification. - In: VOGT, T., ed.: Comptes Rendus de l'Colloque „Types de Crôutes Calcaires et leur Repartitions Régionales“, Strasbourg (Univ. Louis Pasteur): 92-93.
- VEDDER, H. (1930): Die Bergdama in Südwest-Afrika. - Afrika 3 (2): 178-190.

- (1934): Das alte Südwestsarika. Berlin (Warneck), 666pp.
- VERDCOURT, B. (1969): The arid corridor between the north-east and south-west areas of Africa. - *Palaeoecology of Africa* 4: 140-144.
- VERGES-BELMIN, V. (1994): Pseudomorphism of gypsum after calcite, a new textural feature accounting for the marble sulphation mechanism. - *Atmospheric Env.* 28 (2): 295-304.
- VERHAGEN, B. T. (1990): On the nature and genesis of pans - A review and an ecological model. - *Palaeoecology of Africa* 21: 179-194.
- VERSTER, E. (1981): Die Aard en Genese van die Gronde van die Etoshawildtuin, Suidwes-Afrika. - Proc. 9<sup>th</sup> National Congr. Soil Science Soc. S. Afr., Durban 1980. Technical Comm. 174. Pretoria (Dept. Agric. + Fish.): 116-123.
- VIERECK, A. (1960): Vorgeschichte auf Neuhof-Kowas. - *J. S. W. A. Wiss. Ges.* 14: 67-75.
- (1966a): Steinzeitkulturen in der Namib. - *Mitt. S. W. A. Wiss. Ges.* 7 (4/5): 1-7.
- (1966b): Altsteinzeitkultur am Brandberg. - *Die Muschel* 1966, Swakopmund (F. Stich): 64-66.
- (1966c): Streiflichter aus der Vorgeschichte im südlichen Teil von Südwest-Afrika. - *Mitt. S. W. A. Wiss. Ges.* 7 (9): 1-12.
- (1967a): The Damaraland Culture. - *J. S. W. A. Wiss. Ges.* 21: 13-32.
- (1967b): Radiocarbonatierung auf Farm Neuhof-Kowas. - *Mitt. S. W. A. Wiss. Ges.* 7 (10): 4.
- (1968): Die Spuren der alten Brandbergbewohner. = *Wissenschaftliche Forschung in Südwestafrika* 6. Windhoek (S. W. A. Wiss. Ges.), 80pp.
- (1971a): Ein interessanter Einzelfund. - *Mitt. S. W. A. Wiss. Ges.* 12 (3): 7.
- (1971b): Steinbeile der Altsteinzeit auf Neuhof-Kowas. - *Mitt. S. W. A. Wiss. Ges.* 12 (8/9): 8-17.
- (1972): Vorgeschichte am Wüstenrand. - *Mitt. S. W. A. Wiss. Ges.* 13 (9-10): 7-14.
- (1973): Ein unbekannter Vorgeschichtsfundplatz auf Farm Gaus, Bez. Gobabis. - *Mitt. S. W. A. Wiss. Ges.* 14 (1): 12-18.
- VILES, H. A., ed. (1988): *Biogeomorphology*. Oxford (Basil Blackwell), 365pp.
- (1990): 'The Agency of Organic Beings': a selective review of recent work in biogeomorphology. - In: THORNES, J.B., ed.: *loc. cit.*: 5-24.
- VINES, R. G. (1980): Analyses of South African rainfall. - *S. Afr. J. Science* 76 (9): 404-409.
- VOGEL, C. H. (1989): A documentary-derived climatic chronology for South Africa 1820-1900. - *Climatic Change* 14: 291-307.
- VOGEL, J. C. (1982): The age of the Kuiseb river silt terrace at Homeb. - *Palaeoecology of Africa* 15: 201-209.
- , ed. (1984): Late Cainozoic Palaeoclimates of the Southern Hemisphere. = *Proc. SASQUA Intern. Symp.*, Swaziland, 29.08.-02.09.1983. Rotterdam (Balkema), 520pp.
- (1989a): Evidence of past climatic change in the Namib Desert. - *Palaeogeogr. Palaeoclima. Palaeoecol.* 70 (4): 355-366.
- (1989b): Thermoluminescence dating of Namib dune sand. - In: WARD, J. D., M. K. SEELY & A. McLACHALAN, eds.: *Geomorphology and Ecology of Desert and Coastal Sand Dunes*. = *Abstracts of the Dunes '89 Symposium*, Swakopmund 14.-17.08.1989: 23.
- VOGEL, J. C. & U. RUST (1987): Environmental changes in the Kaokoloand Namib Desert during the present millennium. - *Madoqua* 15 (1): 5-16.
- VOGELSANG, R. (1998): Middle Stone Age Fundstellen in Südwest-Namibia. = *Africa Praehistorica* 11. Köln (Heinrich-Barth-Institut), 351pp.
- VOGT, T. (1984a): Croûtes calcaires: Types et Genèse. Exemples d'Afrique du Nord et de France Méditerranéenne. Strasbourg (Univ. Louis Pasteur, Inst. de Géographie), 239pp.
- (1984b): Problèmes de genèse des croûtes calcaires quaternaires. - Centre de la Recherches Explor.-Prod. Elf-Aquitaine, Bull. 8 (1): 209-221.
- VOIT, F. W. & G. D. STOLLREITHER (1905): Beiträge zur Geologie der Kupfererzgebiete in Deutsch-Südwest-Afrika. - *Jb. Preußischen Geol. Landesanst. Bergakad.* Berlin 25 (3): 384-430.
- VOLK, O. H. (1966a): Die Florengebiete von Südwestafrika. - *J. S. W. A. Wiss. Ges.* 20: 25-58.

- (1966b): Einfluß von Mensch und Tier auf die natürliche Vegetation im tropischen Südwest-Afrika. - In: Beiträge zur Landespflege 2, Stuttgart (Ulmer): 108-131.
- VOLK, O. H. & E. GEYGER (1970): „Schaumböden“ als Ursache der Vegetationslosigkeit in ariden Gebieten. – Z. Geomorph. N. F. 14 (1): 79-95.
- VOLK, O. H. & H. LEIPPERT (1971): Vegetationsverhältnisse im Windhoeker Bergland, Südwestafrika. – J. S. W. A. Wiss. Ges. 25: 5-44.
- VOLMAN, T. P. (1984): Early prehistory of southern Africa. - In: KLEIN, R. G., ed.: *loc. cit.*: 169-220.
- VON BREITENBACH, F. (1995): Nasionale Lys van Inheemse Bome. Pietermaritzburg (Dedrologiese Stigting), 371pp.
- VON THÜMEN, H. (1919): Zusammenstellung der von den meteorologischen Stationen in Deutsch-Südwestafrika gemachten Niederschlags-Messungen: Berichtsjahre 1898-1918. = Arb. Farmwirtschaftsges. S. W. A. 1 (Windhoek), 19pp.
- VON WILLERT, D. J., B. M. ELLER, E. BRINKMANN & R. BAASCH (1982): CO<sub>2</sub>-gas exchange and transpiration of *Welwitschia mirabilis* Hook. fil. in the Namib Desert. - Oecologia 55: 21-29 (Berlin).
- VON WREDE, P. & W. H. GARNY (1968): Die Höhlen der Farm Nooitgedag. – Arbeitsber. Verein für Höhlenforschung Windhoek 4: 1-6.
- VRBA, E. (1980): The significance of Bovid remains as indicators of environment and predation patterns. - In: BEHRENSMEYER, A. K. & A. P. HILL, eds.: *Fossils in the Making*. Chicago (Univ. of Chicago Pr.): 247-271.
- WADLEY, L. (1979): Big Elephant Shelter and Its Role in the Holocene Prehistory of Central South West Africa. = Cimbebasia Ser. B 3 (1), 76pp.
- (1984): On the move: a look at prehistoric food scheduling in central Namibia. - In: KINAHAN, J., ed.: *loc. cit.* = Cimbebasia B4 (4): 41-50.
- WAHLBERG, J. A. (1855-1856): Anteckningsbok från resorna i Sydafrika, 3 Vols.; unpubl. Diary of Johan August Wahlberg, Botanist. Stockholm (Universitetsbibliotek).
- WAIBEL, L. (1922): Winterregen in Deutsch-Südwestafrika. = Abhandlungen aus dem Gebiet der Auslandskunde 9, Reihe C 4. Hamburg (Friederichsen), 112pp.
- WALDRON, F. W. (1901): On the appearance and disappearance of a mud island at Walfish Bay. - Transact. S. Afr. Phil. Soc. 11 (3): 185-188.
- WALKER, B. H. & I. NOY-MEIR (1982): Aspects of the stability and resilience of savanna ecosystems. - In: HUNTLEY, B. J. & B. H. WALKER, eds.: *loc. cit.*: 556-590.
- WALLMÜLLER-HOCH, J. (1995): Geomorphologische Beobachtungen im Gebiet der Gamanas Pan, südliches Namibia. Unpubl. Dipl.-Arb., Geogr. Inst. Univ. Erlangen-Nürnberg, 28pp+App.
- WALTER, H. (1936a): Die Periodizität von Trocken- und Regenjahren in Deutsch-Südwestafrika aufgrund von Jahresringmessungen an Bäumen. - Ber. Dt. Bot. Ges. 45: 608-620.
- (1936b): Die ökologischen Verhältnisse in der Namib-Nebelwüste (Südwestafrika) unter Auswertung der Aufzeichnungen des Dr. G. Boss (Swakopmund). – Jb. Wiss. Bot. 84: 58-222.
- (1939): Grasland, Savanne und Busch der arideren Teile Afrikas in ihrer ökologischen Bedingtheit. – Jb. Wiss. Bot. 87: 750-860.
- (1940, 1941): Die Farmwirtschaft in Deutsch-Südwestafrika: ihre biologischen Grundlagen. 5 Hefte: Klima (1), Weidewirtschaft (2), Ackerbau (3), Gräser und Futter (4), Natürliche Weideflächen (5). Berlin (Parey).
- (1954a): Die Verbuschung, eine Erscheinung der subtropischen Savannengebiete und ihre ökologischen Ursachen. - Vegetatio 5: 6-10.
- (1954b): Grundlagen der Weidewirtschaft in Südwestafrika: Teil: Weide als Grundlage der Tierernährung. - In: WALTER, H. & O. H. VOLK: *loc. cit.*: 9-107. Stuttgart (Ulmer).
- (1964): Productivity in arid countries: the savanna problem and bush encroachment after overgrazing. - In: L'Ecologie de l'Homme dans le Milieu Tropical. = IUCN Publication N. S. 4. International Union for Conservation of Nature and Natural Resources: 221-229.
- (1971): Ecology of Tropical and Subtropical Vegetation. Edinburgh (Oliver & Boyd), 539pp.
- (1976): Gibt es in der Namib Nebelpflanzen?. - Namib und Meer 7: 5-13.

- (1983): The Namib Desert. - In: EVENARI, M., I. NOY-MEIR & D. W. GOODALL, eds.: Hot Desert and Arid Shrublands B. - In: GOODALL, D. W., ed.: Ecosystems of the World 12B. Amsterdam (Elsevier): 245-281.
- WALTER, H. & S.-W. BRECKLE (1984): Ökologie der Erde 2: Spezielle Ökologie der tropischen und subtropischen Zonen. Stuttgart (Ulmer), 461pp.
- WALTER, H. & VOLK, O. H. (1954): Die Grundlagen der Weidewirtschaft in Südwest-Afrika. Stuttgart (Ulmer), 281pp.
- WARD, J. D. (1982): Aspects of a suite of Quaternary conglomeratic sediments in the Kuiseb Valley, Namibia. - Palaeoecology of Africa 15: 211-218.
- (1984): A reappraisal of the Cenozoic stratigraphy in the Kuiseb Valley of the central Namib Desert. - In: VOGEL, J.C., ed.: *loc. cit.*: 455-463.
- (1987): The Cenozoic Succession in the Kuiseb Valley, Central Namib Desert. = Geol. Surv. Mem. 9, Windhoek, 124pp.
- (1988a): On an interpretation of the Osswater Conglomerate Formation, Kuiseb Valley, Namib Desert. - Palaeoecology of Africa 19: 119-125.
- (1988b): Eolian, fluvial and pan (playa) facies of the Tertiary Tsondab Sandstone Formation in the Central Namib Desert, Namibia. - In: HESP, P. & S. G. FRYBERGER, eds.: Eolian Sediments. = Sedimentary Geology 55: 143-162.
- (1988c): Geomorphology of the Central Namib Desert. - In: BECKEDAHL, H., B. P. MOON & G. F. DARDIS, eds.: Southern African Landscapes: A geomorphological field guide. = Post-Symposium Field Excursion Guide Book. Symposium on the Geomorphology of Southern Africa, Umtata 11.-25.04.1988: 117-134.
- WARD, J. D. & I. CORBETT (1990): Towards an age for the Namib. - In: SEELY, M. K., ed.: Namib Ecology. = Transvaal Museum Monograph 7: 17-26.
- WARD, J. D. & M. K. SEELY (1989): Geomorphological Aspects of Dunes in the Central Namib Desert. = Field Guide: Dunes '89 Excursion 1A, 08.-12.08.1989, 93pp.
- WARD, J. D., M. K. SEELY & N. LANCASTER (1983): On the antiquity of the Namib. - S. Afr. J. Science 79: 175-183.
- WARD, J. D. & J. T. TELLER (1989): On the association between aeolian and pan deposits in the Tertiary Tsondab Sandstone Formation, Central Namib Desert. - In: WARD, J. D., M. K. SEELY & A. McLACHLAN, eds.: Geomorphology and Ecology of Desert and Coastal Sand Dunes. = Abstr. Dunes '89 Symp., Swakopmund 14.-17.08.1989: 24.
- WARD, J. D. & V. VON BRUN (1985a): Geological history of the Kuiseb valley west of the escarpment. - In: HUNTLEY, B. J., ed.: *loc. cit.*: 21-25.
- (1985b): Sand dynamics along the lower Kuiseb River. - in: HUNTLEY, B. J., ed.: *loc. cit.*: 51-72.
- WATSON, A. (1979): Gypsum crusts in deserts. - J. Arid Env. 2: 3-20.
- (1983): Gypsum crusts. - In: GOUDIE, A. S. & K. PYE, eds.: Chemical Sediments and Geomorphology. London (Academic Pr.): 133-161.
- (1985a): Structure, chemistry and origins of the gypsum crusts in southern Tunisia and the Central Namib Desert. - Sedimentology 32: 855-876.
- (1985b): Reply to comment on „The palaeoenvironmental interpretation of colluvial sediments and palaeosols of the Late Pleistocene Hypothermal in southern Africa“. - Palaeogeogr. Palaeoclim. Palaeoecol. 52: 159-163.
- (1988): Desert gypsum crusts as paleoenvironmental indicators: A micropetrographic study of crusts from southern Tunisia and the central Namib desert. - J. Arid Env. 15: 19-42.
- WATSON, I. & R. R. LEMON (1985): Geomorphology of a coastal desert: The Namib, South West Africa/Namibia. - J. Coastal Res. 1 (4): 329-342.
- WATTS, N. L. (1978): Displacive calcite: evidence from recent and ancient calcretes. - Geology 6: 699-703.
- (1980): Quaternary pedogenic calcretes from the Kalahari (southern Africa): mineralogy, genesis and diagenesis. - Sedimentology 27: 661-686.
- WAYLAND, E. J. (1953): More about the Kalahari. - Geographical J. 119: 49-56.
- (1954): Outlines of prehistory and Stone Age climatology in the Betchuanaland Protectorate. - Memoires d'Académie Royale des Sciences Coloniales: Sér. Sciences Nat. Medic. 25: 1-47.

- (1981): Past climates and present groundwater supplies in the Betchuanaland Protectorate. - Botswana Notes and Records 13: 13-18, Gaborone.
- WENDT, W. E. (1972): Preliminary Report on an Archaeological Research Programme in South West Africa. = Cimbebasia Ser. B 2 (1), 61pp.
- (1975a): Ein Rekonstruktionsversuch der Besiedlungsgeschichte des westlichen Groß-Namalandes seit dem 15. Jahrhundert. – J. S. W. A. Wiss. Ges. 29: 23-54.
- (1975b): Hinweise auf das frühere Vorkommen einiger Großwildarten im westlichen Groß-Namaland. - Afrikanischer Heimatkalender 1976: 55-65.
- WERGER, M. J. A., ed. (1978a): Biogeography and Ecology of Southern Africa, 2 Vols., The Hague (Junk), 1439pp.
- (1978b): Biogeographical division of southern Africa. - In: WERGER, M. J. A., ed.: loc. cit.: Vol.1: 145-170.
- (1978c): The Karoo-Namib Region. - In: WERGER, M. J. A., ed.: loc. cit.: Vol. 1: 231-299.
- WERGER, M. J. A. & B. J. COETZEE (1978): The Sudano-Zambesian Region. - In: WERGER, M. J. A., ed.: loc. cit.: 301-462.
- WESSELS, D. C. J. (1989a): Lichens of the Namib Desert, South West Africa/Namibia. - Dinteria 20: 3-32.
- (1989b): Lichens. - In: CRAVEN, P. & C. MARAIS: Waterberg Flora. Windhoek (Gamsberg): 132-135.
- WHITAKER, A. (1984): Dust Transport by Bergwinds off the Coast of South West Africa. Unpubl. B.Sc. (Hons.) Thesis, University of Cape Town, 31pp.
- WHITE, F. (1990): *Ptaeroxylon obliquum* (*Pteroxylaceae*), some other disjuncts, and the Quaternary history of African vegetation. - Adansonia 4: 139-185.
- WHITE, K., J. WALDEN, N. DRAKE, F. ECKARDT & J. SETTLE (1997): Mapping the iron oxide content of dune sands, Namib Sand Sea, Namibia, using Landsat Thematic Mapper Data. - Remote Sensing and Environment 62: 30-39.
- WHITLOW, J. R. (1985): Dambos in Zimbabwe: a review. – Z. Geomorph. N. F. Suppl. 52: 115-146.
- WIEDER, M., A. YAIR & A. ARZI (1985): Catenary soil relationships on arid hillslopes. - In: JUNGERIUS, P. D., ed.: Soils and Geomorphology. = Catena Suppl. 6: 41-57.
- WIENEKE, F. (1975): Entwicklung und Differenzierung des Reliefs der Küste der Zentralen Namib. - Würzburger Geogr. Arb. 43: 111-143.
- WIENEKE, F. & RUST (1972): Das Satellitenbild als Hilfsmittel zur Formulierung geomorphologischer Arbeitshypothesen (Beispiel: Zentrale Namib, Südwestafrika). = Wiss. Forsch. in S. W. A. 11, Windhoek (S. W. A. Wiss. Ges.), 16pp.
- (1973): Klimageomorphologische Phasen in der Zentralen Namib (Südwestafrika). - Mitt. Geogr. Ges. München 58: 79-96.
- (1975): Zur relativen und absoluten Geochronologie der Reliefentwicklung an der Küste des mittleren Südwestafrika. - Eiszeitalter und Gegenwart 26: 241-251.
- WILKINSON, M. J. (1981): Terrestrial Origin of the Gypsums in the Central Namib Desert: An Alternative Hypothesis . Unpubl. Paper, presented at the Meeting of the International Soil Science Society, May 1981, Jerusalem, 3pp.
- (1988a): Linear dunes in the central Namib desert: Theoretical and chronological perspectives from wind streaks. - In: DARDIS, G. F. & B. P. MOON, eds.: loc. cit.: 85-113.
- (1988b): The Tumas Sandstone Formation of the central Namib Desert - Palaeoenvironmental implications. - Palaeoecology of Africa 19: 139-150.
- (1988c): Tertiary events in the Tumas River Basin, Central Namib Desert: Geology and geomorphology of the Naarip Plain. - In: BECKEDAHL, H., B. P. MOON & G. F. DARDIS, eds.: Southern African Landscapes: A geomorphological field guide. = Post-Symposium Field Excursion Guide Book, Symposium on the Geomorphology of Southern Africa, Umtata 11.-25.04.1988: 137-165.
- (1990): Palaeoenvironments in the Namib Desert. The Lower Tumas Basin in the Late Cenozoic. = Univ. Chicago Geogr. Res. Pap. 231: 196pp.
- WILKINSON, M. J., D. R. HELMS & V. S. WHITEHEAD (1992): Albedo patterns and gypsum generations in the Central Namib Desert: Land, sea and air interactions on an arid west coast. - In: Proc. Intern. Geoscience + Remote Sensing Symp. (IBARSS '92), 26.-29.05.1992, Houston, Vol. II: 1565-1567.

- WILLIAMS, T. P. (1989): Controls on Mineralisation of the Namib Mine. Zinc and Lead (Namibia) Pfy Ltd., Swakopmund Namibia. Unpubl. B.Sc. (Hons.) Thesis. Johannesburg (Univ. of the Witwatersrand), 96pp.
- WILLIAMSON, G. (1997): Preliminary account of the Floristic zones of the Sperrgebiet (Protected Diamond Area) in southwest Namibia. - Dinteria 25: 1-68.
- WISCHMEIER, W. H. & D. D. SMITH (1978): Predicting Rainfall Erosion Losses - A Guide to Conservation Planning. = Agriculture Handbook 537. Washington D. C. (US Department of Agriculture).
- WOLF, A. (1991): Eine Dokumentation über die zwei bedeutendsten Höhlen auf der Harasib-Farm in den Otavi-Bergen Namibias. - Der Schlaz 65: 22-54.
- WOPFNER, H. (1983): Environment of silcrete formation: a comparison of examples from Australia and the Cologne Embayment, West Germany. - In: WILSON, R. C., ed.: Residual Deposits: Surface Related Weathering Processes and Materials. = Geol. Soc. London Spec. Publ. 11: 151-158.
- WUETHRICH, B. (1999): Giant sulfur-eating microbe found. - Science 284: 415.
- YAALON, D. H. (1987): Is gullyling associated with highly sodic colluvium? Further comment to the environmental interpretation of southern African Dongas. - Palaeogeogr. Palaeoclim. Palaeoecol. 58: 121-123.
- YAALON, D. H. & J. D. WARD (1982): Observations on calcrete and recent calcic horizons in relation to landforms, Central Namib Desert. - Palaeoecology of Africa 15: 183-186.
- YEATON, R. I. (1988): Structure and function of the Namib dune grasslands: characteristics of the environmental gradients and species distribution. - J. Ecol. 76: 744-758.
- YIN, F., D. GROSJEAN & J. H. SEINFELD (1986): Analysis of atmospheric photooxidation mechanisms for organosulfur compounds. - J. Geophys. Res. 91: 14.417-14.438.
- ZHOU, G. & K. TAZAKI (1996): Seasonal variation of gypsum in aerosol and its effect on the acidity of wet precipitation on the Japan Sea side of Japan. - Atmospheric Env. 30 (19): 3301-3308.
- ZÖLLER, A. & J. BÖHM (1929): *Cassidaria zölleri* n. sp. aus einem vermutlichen Eozänkonglomerat von Usakos unweit Swakopmund. - Z. Dt. Geol. Ges. 81: 471-475.
- ZUCCHINI, W., P. T. ADAMSON & L. McNEILL (1991): A family of stochastic models for droughts. - S. Afr. J. Plant and Soil 8 (4): 206-211.
- ZUCCHINI, W., P. ADAMSON & L. McNEILL (1992): A model of southern African rainfall. - S. Afr. J. Science 88: 103-109.