

SPIXIANA	6	1	27–43	München, 1. März 1983	ISSN 0341-8391
----------	---	---	-------	-----------------------	----------------

Bibliography of Phasmida (Insecta)

I. 1970–1979

By Ulf Carlberg

Abstract

The literature on the stick- and leaf-insects (order Phasmida) published during the period 1970–1979 has been reviewed. 402 scientific papers, chapters in books, theses, reports etc. are listed. A species index is included.

1. Introduction

The stick- and leaf-insects (order Phasmida) contains some 2500 species. Of those species only a few have been studied and therefore the number of publications are few in relation to the number of species. From the period of 1970–1980 only ca. 210 papers were found in "Entomologists Abstract" vol. 1–11, i. e. 19 papers annually. Even if all papers are not included in the reference journals, the number is small. Therefore this work was carried out to give a more clear picture of the literature on the Phasmida. This first part covers the period 1970–1979 and contains 402 references, i. e. about 50% more than found from "Entomologists Abstract".

The literature has been found by searching in "Entomologists Abstract", from the references found in the papers listed therein, and from reprints, theses and reports obtained from individual scientists as well as institutions. Papers not seen in original are marked with a star (*) and followed by the source in brackets (). The references are listed in alphabetical order for the whole ten years period, followed by a species index. References dealing with ten or more species have been classified as "multi-species works". Furthermore, references dealing with the common laboratory stick *Carausius morosus* (de Sénécé) have been omitted in the species index since they are too numerous, about 50% of the references cited deals with this species.

If some papers are not included which have been published during the period covered in this work, I should appreciate receiving a reprint of that paper.

Acknowledgements. I am grateful to all who contributed to this work, to individual scientists, institutions and libraries for obtaining reprints of scientific papers, copies of theses, reprints etc.

2. Literature

- AGUILAR, P. G. F. 1970: Los «palitos vivientes de Lima». I: Phasmatidae de Las Lomas. – Rev. Per. Entomol. 13, (1): 1–8
- ALTNER, H., TICHY, H. & I. ALTNER 1978: Lamellated outer dendrite segments of a sensory cell within a poreless thermo- and hygro-receptive sensillum of the insect *Carausius morosus*. – Cell. Tiss. Res. 191: 287–304
- Amateur Entomologist's Society (AES) 1970: Rearing stick insect. – AES leaflet 30: 1–20
- ASHHURTS, D. E. & N. M. COSTIN 1971: Insect mucosubstances. III. Some mucosubstances of the nervous system of the waxmoth (*Galleria mellonella*) and the stick insect (*Carausius morosus*). – Histochem. J. 3: 379–387
- AWASTI, V. B. 1976: Contribution to the neurohaemal organs in Pterygote insects. – Z. mikrosk.-nat. Forsch. 90: 48–78

- BACCETTI, B. 1972: Insect sperm cells. – Adv. Insect Physiol. 9: 315–397
- BAKER, W. L. 1972: Eastern forest insects. – U.S.D.A., For. Serv. Miscel. Publ. 1175: 55–57
- BART, A. 1970a: Sur la morphologie et l'orientation des régénérats de patte obtenus après autotomie chez *Carausius morosus* Br. – Ann. Embr. Morph. 3: 369–378
- — 1970b: Blessures et transformations trochantériennes chez *Carausius morosus* Br. – Ann. Embr. Morph. 3: 379–398
- — 1971a: Morphogenèse trochantérienne provoquée par une régénération fémorale chez le phasme *Carausius morosus* Br. – J. Embryol. exp. Morph. 25: 301–320
- — 1971b: Morphogenèse surnuméraire au niveau de la patte du phasme *Carausius morosus*. – Wilhelm Roux' Archiv 166: 331–364
- — 1971c: Modalités de formations et de développement d'un centre morphogénétique surnuméraire chez *Carausius morosus* Br. – Wilhelm Roux' Archiv 168: 97–124
- — 1972a: Morphogenèse provoquée par une discontinuité proximodistale au niveau de la patte de *Carausius morosus* Br. I. Associations de niveaux différenciés. – Arch. Biol. (Liège) 83: 129–166
- — 1972b: Déclenchement de régénération chez deux phasmes: *Carausius morosus* Br. et *Sipyloidea sipylus* Westw. – Bull. Soc. Zool. Fr. 97: 343–350
- — & E. BROWAEYS-POLY 1973: Mise en évidence d'un territoire responsable de la régénération de l'aile méta-thoracique chez le phasme *Sipyloidea sipylus* Westwood (Insects orthoptéroïde cheleutoptère). C. R. Acad. Sc. Paris, sér. D 276: 49–52
- — & A. CAPRON 1974: Étude des déterminants antigéniques du phasme *Carausius morosus* adulte. – Bull. Soc. Zool. Fr. 99: 705–714
- BASSLER, U. 1971: Zur Bedeutung der Antennen für die Wahrnehmung der Schwerkraftrichtung bei der Stabheuschrecke *Carausius morosus*. – Kybernetik 9: 31–34
- — 1972a: Zur Beeinflussung der Bewegungsweise eines Beines von *Carausius morosus* durch Amputation anderer Beine. – Kybernetik 10: 110–114
- — 1972b: Der „Kniesehnenreflex“ bei *Carausius morosus*: Übergangsfunktion und Frequenzgang. – Kybernetik 11: 32–50
- — 1972c: Der Regelkreis des Kniesehnenreflex bei der Stabheuschrecke *Carausius morosus*: Reaktionen auf passive Bewegung der Tibia. – Kybernetic 12, 8–20
- — 1973: Zur Steuerung aktiver Bewegungen des Femur-Tibia-Gelenkes der Stabheuschrecke *Carausius morosus*. – Kybernetik 13: 38–53
- — 1974: Vom femoralen Chordotonalorgan gesteuerte Reaktionen bei der Stabheuschrecke *Carausius morosus*: Messung der von der Tibia erzeugten Kraft im aktiven und inaktiven Tier. – Kybernetik 16: 213–226
- — 1975: Zur Definition von Pro- und Metageotaxis bei Insekten. – Biol. Cybernetics 19: 55–60
- — 1976: Reversal of a reflex to a single motoneuron in the stick insect *Carausius morosus*. – Biol. Cybernetics 24: 47–49
- — 1977a: Verhaltensphysiologie bei Stabheuschrecken. – Biologie in unserer Zeit 7: 48–54
- — 1977b: Sensory control of leg movement in the stick insect *Carausius morosus*. – Biol. Cybernetics 25: 61–72
- — 1979: Interaction of central and peripheral mechanisms during walking in first instar stick insects. *Extatosoma tiaratum*. – Physiol. Entomol. 4: 193–199
- — , CRUSE, H. & H.-J. PFLÜGER 1974: Der Regelkreis des Kniesehnenreflex bei der Stabheuschrecke *Carausius morosus*. Untersuchungen zur Stabilität des Systems im inaktiven Tier. – Kybernetik 15: 117–125
- — & D. GRAHAM 1978: Zur Kontrolle der Beinbewegung bei einem laufenden Insekt. In: HUASKE, G. & E. BUTENANDT (eds.): Kybernetik '77: 54–65 – München, Wien (Oldenbourg)
- — & H.-J. PFLÜGER 1979: The control of the femur-tibia-joint of the Phasmid *Extatosoma tiaratum* and the control of rocking. – J. comp. Physiol. 132: 209–215
- BAUCHHENSS, E. 1971: *Carausius morosus* Br. Stabheuschrecke. – Gros. Zool. Prakt. 14c: 1–53
- BEADLE, D. J. 1972: Structural differentiation in the mid-gut epithelium of the phasmid *Carausius morosus* Brunner. – J. Ent. (A) 47: 71–83
- BEDFORD, G. O. 1970: The development of the egg of *Didymuria violescens* (Phasmatodea: Phasmatidae: Podacanthinae) – Embryology and determination of the stage at which first diapause occurs. – Aust. J. Zool. 18: 155–169
- — 1976a: Description and development of the eggs of two stick insects (Phasmatodea: Phasmatidae) from New Britain. – J. Aust. ent. Soc. 15: 389–393

- @Zeo 1976b: Defensive behaviour of the New Guinea stick insect *Eurycaantha* (Phasmatodea: Phasmatidae: Eurycaanthinae). — Proc. Linn. Soc. N.S.W. 100: 218–222
- — 1978: Biology and ecology of the Phasmatodea. — Ann. Rev. Entomol. 23: 125–149
- BEDINI, C., LANFRANCHI, A., MONTANELLI, E. & V. SCALI 1977: Electron-microscope investigations on the endonuclear DNA-RNA bodies of the midgut epithelial cells of *Bacillus rossius* (Insecta, Cheleutoptera). — J. Exp. Zool. 201: 359–373
- BERGERARD, J. 1972: Environmental and physiological control of sex determination and differentiation. — Ann. Rev. Entomol. 17: 57–74
- — 1975: Action de la température sur la détermination et la différenciation sexuelle des insectes. — Bull. Soc. Zool. Fr. 100: 85–94
- — 1976: Sur les mechanisms possible de l'action de la temperature sur la differenciation sexuelle des insectes. — Bull. Soc. Zool. Fr. 101, suppl. 4: 39–45
- BERTHOLD, G. 1971: Über die hormonale Steuerung von Wachstum und Pigmentierung der indischen Stabheuschrecke *Carausius morosus* Br. — Ph. D. thesis, Univ. of Giessen, Federal Republic of Germany
- — 1973: Der Einfluß der Corpora allata auf die Pigmentierung von *Carausius morosus*. Wilhelm Roux' Archiv 173: 249–262
- — 1976: Untersuchungen über die Kynurenin-Transaminase bei *Carausius morosus* (Insecta) und ihre Bedeutung für den morphologischen Farbwechsel. — J. comp. Physiol. 111: 25–32
- — 1977: Die Wanderung der Pigmentgranula in der Epidermis beim physiologischen Farbwechsel von *Carausius morosus*. J. Insect Physiol. 23: 235–240
- & D. BÜCKMANN 1975: Morphologischer Farbwechsel und Kynurensäure-Exkretion bei der Stabheuschrecke *Carausius morosus* Br. — J. comp. Physiol. 100: 347–350
- & — 1976: Pterin- und Ommochromgehalt im Integument grüner und schwarzbrauner Imagines von *Carausius morosus* Br. — J. comp. Physiol 111: 33–37
- & M. HENZE 1971: Über die Beteiligung der Pterine an den Farbmodifikationen der Stabheuschrecke, *Carausius morosus*. — J. Insect Physiol. 17: 2375–2381
- & G. SEIFERT 1977: Elektronenmikroskopische Untersuchungen über die Wanderung der Pigment-Granula bei physiologischen Farbwechsel der Stabheuschrecke *Carausius morosus* (Phasmatodea: Phasmatidae). — Ent. Germ. 3: 303–315
- BEYER, R. 1979: Über den Einfluß der Futterpflanzen auf die Entwicklung und Vermehrung der Indischen Stabheuschrecke, *Carausius morosus* Br. — Beiträge trop. Landwirtsch. Veterinär-Med. 17: 409–416
- BIGLIARDI, E., BACCETTI, B., BURRINI, A. G. & V. PALLINI 1970: The spermatozoon of arthropoda. XII. The distribution of some enzymes in the insect sperm tail. In: BACCETTI, B. (ed.): Comparative Spermatology, pp. 451–463 — New York (Academic Press)
- BONNANFANT, M.-L. 1971: Formations tonofibrillaires au niveaux des insertions des muscles circulaires sur l'intima du gésier de *Carausius morosus* Br. — C. R. Acad. Sc. Paris, sér. D 272: 2568–2571
- BRADLEY, J. C. & B. S. GALIL 1977: The taxonomic arrangements of the Phasmatodea with keys to the subfamilies and tribes. — Proc. Entomol. Soc. Wash. 79: 176–208
- BROWAEYS-POLY, E. 1973: Contribution à l'étude du développement et de la régénération de l'aile métathoracique chez le phasme *Sipyloidea sipylus* Westwood (Insecte Cheleutoptere). — Ph. D. thesis, Univ. Sc. Techn. Lille I, France
- BULLINI, L. 1972: Evoluzione della partenogenesi nel fasmide *Bacillus rossius*. — Boll. Zool. 39: 565
- — 1979: Castrazione parassitaria nel fasmide partenogenetico *Clonopsis gallica* ad opera del tachinide *Thrixion halidayanum*. — Atti XI Congr. Naz. Ital. Entomol. 1979: 293–296
- & A. P. B. BULLINI 1971: Richerche sulle riproduzione e sul corredo cromosomico del fasmide *Clonopsis gallica* (Cheleutoptera, Bacillidae). — Atti Acc. Naz. Lincei, Rend. Sc. fis. mat. e nat., ser. 8, 51: 563–568
- BURGER, M.-L. 1972: Der Anteil der propriozeptiven Erregung an der Kurskontrolle bei Arthropoden (Diplopoden und Insekten). Verh. Dtsch. Zool. Ges. 1971: 220–225
- BURRINI, A. G. 1970: Ricerche sull'ultrastruttura dell'intestino degli insetti. VI. L'assorbimento dei glucidi con metodo autoradiografico. — Redia 52: 183–188
- BURTON, M. & R. BURTON 1975: Encyclopedia of insects & Arachnids. London (Octopus)
- BÜCKMANN, D. 1977: Morphological colour change: stage independent, optically induced ommochrome synthesis in larvae of the stick insect, *Carausius morosus* Br. — J. comp. Physiol. 115: 185–193
- — 1979: Morphological colour change (2): The effects of total and partial blinding on epidermal ommochrome content in the stick insect, *Carausius morosus* Br. — J. comp. Physiol. 130: 331–336

- © Campbell, K. G. 1974: Factors limiting the distribution and abundance of the three species of Phasmids (Phasmatodea: Phasmatidae) which occur in plague numbers in forests of South-Eastern Australia. – J. ent. Soc. Aust. (N.S.W.) 8: 3–6
- CARLBERG, U. 1978: Contribution to the knowledge of Phasmida I. The changing egg-size in *Extatosoma tiaratum* MacLeay. – Ent. Rec. J. Var. 90: 203–204
- — 1979: Contribution to the knowledge of Phasmida II. Copulation with a spermatophore in *Baculum impigra* Brunner von Wattenwyl. Ent. Rec. J. Var. 91: 306–307
- CASSIDY, M. D. 1978: Development of an induced food plant preference in the Indian stick insect, *Carausius morosus*. – Ent. exp. & appl. 24: 87–93
- CAVALLIN, M. 1970: Développement embryonnaire de l'appareil genital chez le phasme *Carausius morosus* Br. – Bull. Biol. Fr. Belg. 104: 343–366
- — 1971: La «polyembryonie substitutive» et la problème de l'origine de la lignée germinale chez le Phasme *Carausius morosus* Br. – C. R. Acad. Sc. Paris, sér. D 272: 462–465
- — 1972: Etude comparative des masculinisations obtenues par polyembryonie substitutive et par choc termique chez les embryons de *Carausius morosus* Br. – C. R. Acad. Sc. Paris, sér. D 273: 109–112
- — 1973: Développement et différenciation sexuelle de l'appareil genital chez les embryons du phasme *Clitumnus extradentatus* Br. – Bull. Biol. Fr. Belg. 107: 231–264
- — 1974: Analyse descriptive et expérimentale de la morphogenèse et de la différenciation sexuelle de l'appareil génital chez les embryons de Phasmes (*Clitumnus extradentatus* et *Carausius morosus* Br.). – Ph. D. thesis, Univ. Bordeaux I, France
- — 1975: Modification de l'équipement endocrine et morphogenèse génitale chez l'embryon de *Carausius*. – J. Insect Physiol. 21: 1647–1658
- — 1976: La segregation de la lignée germinale chez la Phasme *Carausius morosus* Br. (étude ultrastructurale). – Bull. Soc. Zool. Fr. (101) suppl. 4: 15–21
- — & K. HAJJI 1979: Marqueurs endogènes des gonocytes primordiaux et segregation germinale chez l'embryon de *Clitumnus extradentatus* Br. (Phasmida: Lonchodidae). – Int. J. Insect Morphol. & Embryol. 8: 85–94
- CHMURZYŃSKA, W. & Z. M. ZIELIŃSKA 1975: Cystathione pathway in insect metabolism as shown by use of radioactive precursors. – Insect Biochem. 5: 105–111
- CLARK, J. T. 1973a: *Extatosoma tiaratum* – a monster insect for schools. – Schools Sc. Rev. 55: 56–61
- — 1973b: Some further notes on Macleay's spectre. – School Sc. Rev. 55: 522–523
- — 1974a: A note on *Acrophylla wülfingi* Redtenbacher (Insecta: Phasmida) with a description of the male. – Zool. J. Linn. Soc. 54: 253–256
- — 1974b: Stick and leaf insects. – Winchester (B. Shurlock & Co.)
- — 1975a: A conspicuous spermatophore in the Phasmid *Extatosoma tiaratum* Macleay. – Entomologist's mon. Mag. 110: 81–82
- — 1975b: A key to the subfamilies of Phasmida. – Ent. Rec. J. Var. 87: 104–107
- — 1976a: A note on the European species of *Bacillus* Latreille (Phasmida) with descriptions of the eggs. – Entomologist's mon. Mag. 112: 63–64
- — 1976b: The eggs of stick insects (Phasmida): a review with descriptions of the eggs of eleven species. – Syst. Ent. 1: 95–105
- — 1976c: The capitolium of phasmid eggs (Insecta: Phasmida). – Zool. J. Linn. Soc. 59: 365–375
- — 1977a: A male of the stick insect *Carausius morosus* Sinéty (Phasmida, Phasmatidae). – Entomologist's mon. Mag. 112: 139–143
- — 1977b: Intersexes in stick insects. – School Sc. Rev. 59: 476–478
- — 1978: The eggs of leaf insects (Insecta: Phasmida). – Zool. J. Linn. Soc. 63: 249–258
- — 1979: A key to the eggs of stick and leaf insects (Phasmida). Syst. Ent. 4: 325–331
- Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia, 1973: Scientific and common names of insects and allied forms occurring in Australia. – Bull. 287: 1, 6, 8, 17
- CRADDOCK, E. 1970: Chromosome number variation in a stick insect *Didymuria violescens* (Leach). – Science 167: 1380–1382
- — 1971: Cytological studies of the Australian Phasmatodea (stick insects). – Ph. D. thesis, Univ. of Sydney, Australia
- — 1972a: Chromosomal evolution and specification in *Didymuria violescens*. – 14 Int. Congr. Entomol. Canberra, Abstracts: 16–17
- — 1972b: Chromosomal diversity in the Australian Phasmatodea. – Aust. J. Zool. 20: 445–462

- — — 1973: Chromosomal evolution and specification in *Didymuria*. In: WHITE, M. J. D. (ed.): Genetic mechanisms of specification in insects, pp 24–42 – Dordrecht (Reidel Publishing Co.)
- — — 1975: Intraspecific karyotype differentiation in the Australian Phasmatid *Didymuria violescens* (Leach). – Chromosoma (Berl.) 53: 1–24
- CRUSE, H. 1976a: The control of body position in the stick insect *Carausius morosus*, when walking over uneven surfaces. – Biol Cybernetics 24: 25–33
- — — 1976b: The function of the legs in the free walking stick insect, *Carausius morosus*. – J. comp. Physiol. 112: 235–262
- — — 1976c: Die Funktion der Beine bei einer auf einer horizontalen Ebene laufenden Stabheuschrecke (*Carausius morosus*). – Verh. Dtsch. Zool. Ges. 1976: 249
- — — 1979a: A new model describing the coordination pattern of the legs of a walking stick insect. – Biol. Cybernetics 32: 107–113
- — — 1979b: The control of the anterior extreme position of the hindleg of a walking insect, *Carausius morosus*. – Physiol. Ent. 4: 121–124
- — — & J. STORRER 1977: Open loop analysis of a feedback mechanism controlling the leg position in the stick insect *Carausius morosus*: Comparision between experiment and simulation. – Biol. Cybernetics 25: 143–153
- — — & — — 1978: Der „Kniesehnenreflex“ der Stabheuschrecke *Carausius morosus*: Analysis und Simulation des aufgeschnittenen Regelkreises. In: HAUSKE, G. & BUTENANDT, E. (eds.) Kybernetik '77: 365–367 – München, Wien (Oldenbourg)
- DEMARTI, F. 1971: Etude par électrophorèse sur gel d'acrylamide des protéins de l'hémolymph du Phasme *Carausius morosus*. – C. R. Acad. Sc. Paris, sér. D 273: 1844–1846
- — — 1972: Recherches sur les effets de l'allactectomie sur les protéines sériques de *Carausius morosus* (Insecte Phasmoptere). – Ph. D. thesis, Univ. Paris, France
- DEMARTI-LACHAISE, F. 1972: Effets de l'allactectomie sur les protéines de l'hémolymph de *Carausius morosus* Br. séparées par électrophorèse sur gel d'acrylamide. – C. R. Acad. Sc. Paris, sér. D 275: 1903–1906
- — — & M. RAABE 1974: Mise en évidence d'une microsporidie entraînant des modifications des protéines sériques chez le Phasme, *Carausius morosus*. – C. R. Acad. Sc. Paris, sér. D 278: 2465–2468
- DENNELL, R. 1976: The fine structure of the cuticle of some Phasmida. In: HEPBURN, H. R. (ed.): The Insect Integument, pp 177–191 – (Elsevier)
- DRENTH, D. 1974: Susceptibility of different species of insects to an extract of the venom gland of the wasp *Microbracon hebetor* (Say). – Toxicon 12: 189–192
- DREWRY, G. E. 1970: A list of insects from El Verde, Puerto Rico. In: ODUM, H. T. (ed.): A tropical rain forest, a study of irradiation and ecology at El Verde, Puerto Rico, pp E-129–E-132 – Washington (U.S. Atomic Energy Commission).
- EICHELBERG, D. & A. WESSIG 1975: Morphology of the malpighian tubules of insects. – Fortschr. Zool. 23: 124–147
- EISNER, T. 1970: Chemical defense against predation in arthropods. – In: SONDHEIMER, E. & J. B. SIMEONE (eds.): Chemical Ecology, pp 157–217 – New York (Academic Press)
- ENGHOFF, H. 1976: Parthenogenesis in insect, myriapods, arachnids, and terrestrial isopods. – Ent. Meddr. 41: 31–64 (In Danish with summary in English.)
- *FAILLA, M. C., MESSINA, A. & V. NOBILE 1972: Blattodei, Mantodei, Ortotteri e Dermatteri delle isole Eolie e dell'isola di Ustica. – Lavori della Società Italiana di Biogeografia, nov. ser. 3: 3–16 (SCHEMBRI, S. P., 1980, Bull. amat. ent. soc. 39: 38–39)
- FIFIELD, S. M. & L. H. FINLAYSON 1978: Peripheral neurons and peripheral neurosecretion in the stick insect, *Carausius morosus*. – Proc. R. Soc. Lond. B. 200: 63–85
- FINLAYSON, L. H. & I. ORCHARD 1977: The ionic regulation of action potentials in the axon of a stretch receptor neuron of the stick insect (*Carausius morosus*). – J. comp. Physiol. 122: 45–52
- — — & M. P. OSBORNE 1970: Electrical activity of neurohaemal tissue in the stick insect, *Carausius morosus*. – J. Insect Physiol. 16: 791–800
- — — & — — 1975: Secretory activity of neurons and related electrical activity. – Adv. Comp. Physiol. Biochem. 6: 165–258
- — — & — — 1977: Effect of cyclic-AMP and other compounds on electrical activity of neurohaemal tissue in *Carausius*. – J. Insect Physiol. 23: 429–434
- — — & R. ANWYL 1976: Effects of acetylcholine, physostigmine, and hemicholinium-3 on spontaneous electrical activity of neurosecretory nerves in *Carausius* and *Rhodnius*. – J. Insect Physiol. 22: 1321–1326

- Forest Commission – Victoria, 1970: Fifty first annual report financial year 1969–70: 34, 38–39
 — — 1971: Fifty second annual report financial year 1970–71: 31, 35–36
 — — 1972: Fifty third annual report financial year 1971–72: 37, 43
 — — 1973: Fifty fourth annual report financial year 1972–73: 36–37
 *— — 1974: Annual Report, 1973/74 (NEUMANN 1976)
 — — 1978: Annual Report 1977–78: 34, 39
 — — 1979: Annual Report 1978–79: 25–26
- *FOTH, E.-M. 1977: Zur Regelung der Stellung des Femur-Tibia-Gelenkes im Mesothorax der Stabheuschrecke *Cuniculina imbigra*. – Zulassungsarbeit, Univ. of Kaiserslautern, Federal Republic of Germany (BÄSSLER, U., in press: Physiologie des Stabheuschrecken-Verhaltens, Springer-Verlag)
- FOURNIER, B. 1970: Quelques données descriptives et chronologiques sur le développement embryonnaire des pattes du Phasme *Carausius morosus* Br.: Évolution précoce de l'hypoderme et du mésoderme de la base de l'ébauche appendiculaire. – Actes Soc. Linnéenne, Bordeaux 107: 1–40
- — 1971: Essai d'analyse expérimentale de la morphogénèse embryonnaire des pattes, chez le Phasme *Carausius morosus* Br. – Ph. D. thesis, Univ. Bordeaux I, France. 2 volumes
- — 1972a: Influence des nerfs moteurs sur la poussée des trachées appendiculaires, chez l'embryon du Phasme *Carausius morosus* Br. – Bull. Soc. Zool. Fr. 97: 534
- — 1972b: Etude expérimentale du phénomène de rotation de la patte embryonnaire chez le Phasme *Carausius morosus* Br. – Bull. Soc. Zool. Fr. 97: 534
- — 1973a: Démonstration expérimentale des capacités d'auto-différenciation de l'hypoderme, dans les pattes embryonnaires du phasme *Carausius*. – C. R. Acad. Sc. Paris, sér. D 276: 2395–2398
- — 1973b: Contribution à l'étude quantitative de la régénération des pattes chez l'embryon du Phasme *Carausius morosus* Br. – Arch. Zool. exp. gén. 114: 627–652
- — 1975: Quelques expériences démontrant la «plasticité» de l'appareil respiratoire, au cours de sa morphogénèse embryonnaire, chez les Phasme *Carausius morosus* Br. – Bull. Soc. Zool. Fr. 100: 333–343
- — 1977: Survie et réponse des tissus embryonnaires du phasme après injection d'ecdystéron: détermination des doses efficaces et tératogénèse. – Bull. Soc. Zool. Fr. 102: 317
- FRANZMAN, B. A. & D. P. A. INNISFALL 1974: A new sub-family of Phasmatodea from Australia. – Entomol. Soc. Queensland, News Bull. 2 (5): 63–64
- FRINGS, H.-J. 1977: Die Gespenstschrecke im Biologieunterricht. – Naturwissenschaften im Unterricht – Biologie 25: 235–242
- — 1978: Fortpflanzung und Entwicklung von Gespenstschrecken in Schülerbeobachtung. – Naturwissenschaften im Unterricht – Biologie 26: 33–40
- — 1979: Themen und Aufgaben zur Arbeit mit lebenden Gespenstschrecken im Biologieunterricht ab 5. Schuljahr. – Naturwissenschaften im Unterricht – Biologie 27: 210–233
- FULLER, H. 1975: Elektrophysiologische Untersuchungen am femoralen Chordotonalorgan von *Carausius morosus* Br. – Zool. Jb. Physiol. 79: 486–491
- — A. ERNST 1973: Die Ultrastruktur der femoralen Chordotonalorgane von *Carausius morosus* Br. – Zool. Jb. Anat. 91: 574–601
- — & H. WITTE 1979: Der Einfluß von Colchicin auf das Ruhepotential und die Transduktion von Mechanorezeptoren der Arthropoden. – Zool. Jb. Physiol. 83: 137–148
- GABE, M. 1972: Données histochimiques sur l'évolution du produit neurosécrétion protocéphalique des insectes Ptérygotes au cours de son cheminement axonal. – Acta histochem. 43: 168–183
- GÄDE, G. 1979: Adipokinetic and hyperglycaemic factor(s) in the corpora cardiaca/corpora allata complex of the stick insect, *Carausius morosus*. I. Initial characteristics. – Physiol. Entomol. 4: 131–134
- GALLOWAY, I. D. 1976: Identifying insects – stick insects (order Phasmatodea). – Queensland Agric. J. 102: 445–446
- GEARY, A. L. 1974: The biology of phasmid populations and the effects of such populations on the increment of *Eucalyptus regnans* regrowth. – Dip. For. (Vic.) thesis, Forest Commission, Victoria, Australia
- GELBIČ, I. & R. SOCHA 1976: The effects of the chemosterilant metepa of the development of ovaries of *Dixippus morosus* (Phasmoidea). – Acta ent. bohemoslav. 73: 224–233
- GIESE, R. L. & K. H. KNAUER 1977: Ecology of walkingstick. – For. Sci. 23: 45–63
- GODDEN, D. H. 1972: The motor innervation of the leg musculature and motor output during thanatosis in the stick insect *Carausius morosus* Br. – J. comp. Physiol. 80: 201–225
- — 1973: A re-examination of circadian rhythmicity in *Carausius morosus*. – J. Insect Physiol 19: 1377–1386

- © Zed 1974: The physiological mechanism of catalepsy in the stick insect *Carausius morosus* Br. – *J. comp. Physiol. at siol.* 89: 251–274
- — & T. H. GOLDSMITH 1972: Photoinhibition of arousal in the stick insect *Carausius*. – *Z. vergl. Physiologie* 76: 135–145
- GOFFINET, G. & C. GRÉGOIRE 1975: Coagulocyte alterations in clotting hemolymph of *Carausius morosus* L. – *Arch. Int. Physiol. Biochem.* 83: 707–722
- GRAHAM, D. 1972: A behavioural analysis of the temporal organisation of walking movements in the 1st instar and adult stick insect (*Carausius morosus*). – *J. comp. Physiol.* 81: 23–52
- — 1977a: Simulation of a model for the coordination of leg movement in free walking insects. – *Biol. Cybernetics* 26: 187–198
- — 1977b: The effect of amputation and leg restraint of the free walking coordination of the stick insect *Carausius morosus*. – *J. comp. Physiol.* 116: 91–116
- — 1979a: Effect of circum-oesophageal lesion on the behaviour of the stick insect *Carausius morosus*. I. Cyclic behaviour patterns. *Biol. Cybernetics* 32: 139–145
- — 1979b: Effect of circum-oesophageal lesion on the behaviour of the stick insect *Carausius morosus*. II. Changes in walking co-ordination. – *Biol. Cybernetics* 32: 147–152
- GRILLOT, J., PROVANSAL, A., BAUDRY, N., RAABE, M. & A. THOMAS 1976: Evolution des organes périsympathiques. – *Bull. Soc. Zool. Fr.* 101: 1003
- *HAJJI, K. 1976: Etablissement d'une échelle chronologique des stades embryonnaires chez le Phasme *Clitumnus extradentatus* Br. – D. E. A. Bordeaux I, France (CAVALLIN, M. & K. HAJJI 1979)
- — 1978: Mise en évidence et analyse des particularités embryologiques de la parthénogénèse facultative chez le Phasme *Clitumnus extradentatus* Br. – Ph. D. thesis, Univ. Bordeaux I, France
- HAGET, A. 1977: L'embryologie des insectes. – In: GRASSE, P.-P.: *Traité de zoologie, anatomie, systématique & biologie*, T. VIII, fasc. V-B: 1–387
- HARRIS, J. A. 1974a: Efficacy of anti-phasmid spraying. – *Research Activity 1974*, For. Comm. Victoria: 20
- — 1974b: Effect of malathion on insect populations. – *Research Activity 1974*, For. Comm. Victoria: 20–21
- — 1976: Effectiveness of Phasmid control. – *Research Activity 1976*, For. Comm. Victoria: 19
- HARZ, K. & A. KALTENBACH 1976: The Orthoptera of Europe III. – *Ser. Ent.* 12: 1–434
- *HEALY, A. & C. SMITHERS 1971: Australian Insects in Colour. Sydney. (CLARK, J. T.: 1976b))
- *HEINRICHS, I. 1970: Beitrag zum Formensehen der Stabheuschrecke (*Carausius morosus*). – Diplom-Arbeit, Zool. Inset., Univ. Frankfurt a. M., Federal Republic of Germany (JANDER, R. & I. VOLK-HEINRICH 1970)
- HEVERT, F. 1975: Physiologische Mechanismen bei der Harnbildung durch Malpighische Gefäße. – *Fortsch. Zool.* 23: 173–192
- HODSON, A. C. 1972: Distribution and abundance of the Northern walking-stick, *Diapheromera femorata*. – *Ann. Entomol. Soc. Am.* 65: 876–882
- HORN, E. 1975: The contribution of different receptors to gravity orientation in insects. – *Fortsch. Zool.* 23: 1–20
- HUDDART, H. 1971: Ultrastructure of the prothoracic ganglion and connectives of the stick insect in relation to function. – *J. Insect Physiol.* 17: 1451–1469
- — 1972: Fine structure of the neural fat-body sheath in the stick insect and its physiological significance. – *J. Exp. Zool.* 179: 145–156
- — , GREENWOOD, M. & K. OATES 1973: Fine structure of the abdominal neural fat-body sheath in the stick insect (*Carausius morosus* Br.). – *J. Morph.* 140: 87–104
- — & K. OATES 1970: Ultrastructure of stick insect and locust skeletal muscle in relation to excitation-contraction coupling. – *J. Insect Physiol.* 16: 1467–1483
- HURD, P. D. & LINSLEY, E. G. 1975: Some insect other than bees associated with *Larrea tridentata* in the South-western United States. – *Proc. Ent. Soc. Wash.* 77: 100–120
- JANDA, V. & R. SOCHA 1970: Umsatz und Transport der Nährstoffe bei *Dixippus morosus* im Zusammenhang mit Wachstum und Metamorphose. – *J. Insect Physiol.* 16: 2051–2062
- *JANDER, J. P. 1976: Analyse des Kurvenverlaufes bei der Stabheuschrecke (*Carausius morosus*). – Diplom-Arbeit, Köln, Federal Republic of Germany (JANDER, J. P. & WENDLER, G. 1978)
- — 1978: Zur Kurventechnik laufender Insekten. – *Verh. Dtsch. Zool. Ges.* 1978: 258
- — & G. WENDLER 1978: Zur Steuerung des Kurvenlaufes bei Stabheuschrecken (*Carausius morosus*). – In: HAUSKE, G. & E. BUTENANDT (eds.) *Kybernetik '77*: 388–392 – München, Wien (Oldenbourg)

- © Zeitschriftenbibliothek der Biologischen Zentralanstalt. http://www.BioLibrary.org; www.biologischen-anstalt.at
- JANDER, R. 1970: Wie erkennen Stabheuschrecken Sträucher? Attrappenversuche zum Formsehnen eines Insekts. – Verh. Dtsch. Zool. Ges. 1969: 592–595
- — 1971: Visual pattern recognition and directional orientation in insects. – Ann. New York Ac. Sc. 188: 5–11
- — & I. VOLK-HEINRICHS 1970: Das strauch-spezifische visuelle Perceptor-System der Stabheuschrecke (*Carausius morosus*). Z. vergl. Physiologie 70: 425–447
- JANISZEWSKI, L. & E. OLSWESKA 1970: (Studies on the neuro-muscular transmission in insects. The influence of tubovurarine chloride and flaxedil [gallamine]) – Acta Physiol. Pol. 21: 83–91 (In Polish with English summary)
- JANZEN, D. H. & C. M. POND 1976: Food and feeding behaviour of a captive Costa Rican least pigmy owl *Glaucidium minutissimum rarum* Griscom. (Aves: Strigidae). – Brenesia 9: 71–80
- JOLIVET, P. 1971: A propos des insectes «à boissons» et des insectes «à sauce». – L'entomologiste 27: 3–9
- JONAS, L. & U. VIETINGHOFF 1975: Die Ultrastruktur des Rektaldrüseneipitels von *Locusta migratoria* und ihre Veränderungen unter dem Einfluß eines antidiuretischen Neurohormon-Präparates bei Versuchen in vitro. – Zool. Jb. Physiol. 79: 492–505
- KAESTNER, A. 1973: Lehrbuch der Speziellen Zoologie, Band I, 3. Teil, Insecta: B. Spezieller Teil, pp 387–393, 831 – Jena (G. Fischer Verlag)
- KALUSCHE, D. 1972: Wirkungen der Exstirpation und Transplantation der Corpora allata auf die Entwicklung des Geschlechtsapparates der Stabheuschrecke *Carausius morosus* BR. et REDT. – Zool. Jb. Anat. 89: 117–165
- KAMP, J. W. 1973: Numerical classification of the Orthopteroids, with special reference to the Grylloblattodea. – Can. Ent. 105: 1235–1249
- KAYSER, H. 1976a: Identification of β , β -caroten-2-ol and β , β -carotene-2,2'-diol in the stick insect, *Carausius morosus* Br.: a reinvestigation study. – Z. naturforsch. 31c: 646–651
- — 1976b: Metabolism of β , β -caroten in insects: Isolation of 2-hydroxy and 2-keto compounds. – Proc. 10th Int. Congress of Biochemistry, Abstract 15-5-449 (p. 655), Hamburg
- — 1977: Metabolites of β , β -caroten in the stick insect, *Carausius morosus* Br.: Compounds with 2-one and 3, 4-didehydro-2-one structure. – Z. Naturforsch. 32c: 327–336
- — 1978: Structures and metabolites of novel carotenoids in insects. – Proc. 5th Int. IUPAC Carotenoid Symposium, Abstract Congr. Papers, p. 29 (Madison, Wisconsin, U. S. A.)
- KEVAN, D. K. MCE. 1979: 32. Cheleutoptera – In: DANKS, H. V. (ed.): Canada and its insect fauna. – Mem. ent. Soc. Can. 108: 323–324
- KEY, K. H. L. 1970: Phasmatodea (stick-insects). – In: Commonwealth Scientific and Industrial Research Organisation (ed.): The Insects of Australia, pp 348–359 – Melbourne (Melbourne University Press)
- *KITTMANN, R. 1979: Untersuchungen am Regelsystem des Femur-Tibia-Gelenkes der Stabheuschrecke *Carausius morosus*. Langzeitverhalten des Femur-Tibia-Winkels und der Slow-Extensor-Tibiae-Aktivität. – Diplom-Arbeit, Kaiserslautern, Federal Republic of Germany (BÄSSLER, U.: in press: Physiologie des Stabheuschrecken-Verhaltens, Springer-Verlag)
- KLANTE, H. 1975: Revision der geflügelten Kegelkopf-Stabheuschrecken von Borneo aus der Gattung *Loxopsis* Westw. (Insecta: Orthoptera, Phasmatoptera). – Ber. Ges. Naturf. Freunde (N. F.) 15: 84–102
- — 1976: Die „Wandelnden Blätter“, eine taxonomische Revision der Gattung *Phyllium* Ill. (Insecta, Orthoptera, Phasmatoptera). – Zool. Beitr. 22: 49–79
- KLEINHOUT, J. 1972: On the so-called catalepsy of Phasmids. – Dtsch. Ent. Z., N. F. 19: 331–333
- — 1974: A theoretical discussion on the term catalepsy, common in Phasmids (stick- and leaf-insects). – Zool. Beitr. 20: 151–158
- KNAUER, K. H. & R. L. GIESE 1970: Distribution of *Diapheromera femorata* (Orthoptera: Phasmatidae). – Ann. Entomol. Soc. Amer. 63: 341–342
- KOCH, P., PIJNACKER, L. P. & J. KREKE 1972: DNA reduplication during meiotic prophase in the oocyte of *Carausius morosus* Br. (Insecta, Cheleutoptera). – Chromosoma (Berl.) 36: 313–321
- KOMAI, I. 1970: Theory of "mutual selection". – Proc. Japan Acad. 46: 383–386
- KOPANEVA, L. M. 1972a: (Orthoptera and close orders of insects from the state reserve Aksu-Dzhabagly in West-Tien-Shan). – Ent. obozr. 51: 776–785 (In Russian with English summary)
- — 1972b: Orthoptera and related insects in the Aksu-Dzhabagly state reservation in the Western Tien-Shan. – Ent. Rev. 51: 459–463
- KRISTENSEN, N. P. 1975: The phylogeny of hexapod "orders". A critical review of recent accounts. – Z. zool. Syst. Evolut.-forsch. 13: 1–44

- *KRÜCK, J. 1976: Die Anatomie des Tarsus von *Carausius morosus*. – Zulassungsarbeit, Univ. of Kaiserslautern, n. at Federal Republic of Germany (BÄSSLER, U. in press: Physiologie des Stabheuschrecken-Verhaltens – Springer-Verlag).
- KUGEL, M. 1977: The time course of the electroretinogram of compound eyes in insects and its dependence on special recording conditions. – J. exp. Biol. 71: 1–6
- LAMB, K. P. 1974: Economic Entomology in the Tropics, pp 16–17 – London & New York (Academic Press)
- LANE, N. J. J. E. TREHERNE 1971: The distribution of the neural fat-body sheath and the accessibility of the extra-neuronal space in the stick insect, *Carausius morosus*. – Tissue & Cell 3: 589–603
- LARINK, O. 1978: Die Eischalen-Struktur der Stabheuschrecke *Carausius morosus* (Phasmatodea: Phasmatidae). – Ent. Germ. 4: 133–139
- LASSERE, L. 1979a: Description de mâle de *Carausius morosus*. – Bull. Science Nat. 21: 8
- — 1979b: Description, analyse, moers des *Extatosoma tiaratum*. Comment réussir son élevage. – Bull. Science Nat. 21: 7
- LAU, D. 1979: Beobachtungen über die Fortpflanzung und Entwicklung der Australischen Gespenstheuschrecke, *Extatosoma tiaratum* MacLeay. – Zool. Garten N. F. 49: 17–64
- LAVIALLE, M. & B. DUMORTIER 1975: Mise en évidence de deux caractères inhabituels dans les rythmes circadiens: existence d'un photorécepteur extra-oculaire et particularités du libre cours dans le rythme de ponte du phasmes: *Carausius morosus*. – C. R. Acad. Sc. Paris, sér. D 281: 1489–1492
- LESLIE, R. A. 1973: A comparision of the fine structure of thoracic and abdominal interganglionic connectives in the newly hatched and adult stick insect, *Carausius morosus* Br. – Z. Zellforsch. 145: 299–309
- — 1975: The effects of ionic lanthanum and hypertonic physiological salines on the nervous system of larval and adult stick insect. – J. Cell. Sci. 18: 271–286
- L'HÉLIAS, C. & J. BOULANGER-SANDRIN 1976a: Influence des ptérines réduites et de l'hormone juvénile sur l'intersexualité du phasme *Carausius morosus*. – Ann. Endoc. 37: 189–195
- — & — — 1976b: Influence des ptérines réduites et de l'hormone juvénile sur la pigmentation du phasme *Carausius morosus*. – Ann. Endoc. 37: 241–255
- LOMBARDO, C. A. 1973: On the presence of two coxal sense organs in Pterygota insects. – Monitore Zool. Ital. (N. S.) 7: 243–246
- LOUVET, J.-P. 1973: L'ultrastructure du pleuropode et son ontogenèse, chez l'embryon du phasme *Carausius morosus* Br. I. Étude du pleuropode de l'embryon agé. – Ann. Sc. Nat., Zool., 12: e sér. 15: 525–594
- — 1974: Observation en microscopie électronique des cuticules édifiées par l'embryon, et discussion du concept de «muc embryonnaire» dans le cas du phasme *Carausius morosus* Br. (Insecta, Phasmida). – Morph. Tiere 78: 159–179
- — 1976: Morphogenèse du pleuropode chez l'embryon de *Carausius morosus* Br. (Phasmida: Lonchodidae): Étude au microscope électronique à balayage. – Int. J. Insect. Morphol. & Embryol. 5: 35–49
- — 1977: L'ultrastructure du Pleuropode et son ontogenèse, chez l'embryon et différenciation des structures cellulaires. – Ann. Sci. nat., Zool. sér. 12, 19: 3–61
- *— — , CAVALLIN, M. & B. FOURNIER 1979: Evolution des ecdystéroides au cours de développement embryonnaire des Phasmes *Carausius* et *Clitumnus* – Communication, 5e Colloque de Physiologie de l'Insecte, Aix-en-Provence, 27–29 Sept., 1979 (HAGET, A. et al. 1981: Int. J. Insect. Morphol. & Embryol. 10: 65–81)
- *— — , FOURNIER, B., CAVALLIN, M., DELACHAMBRE, J., DELBECQUE, J.-P. & J. GAUTTIER 1979: Variations of the total ecdysteroid response to R.I.A. during embryonic development and cuticular cycles in the Phasmid, *Carausius*. – Communications, IVth European Symposium on Ecdysone, Strasbourg, 29 April–2 May, 1979 (HAGET, A. et al., 1981: Int. J. Insect. Morphol. & Embryol. 10: 65–81)
- MADRELL, S. H. P., GARDINER, B. O. C., PILCHER, D. E. M. & S. E. REYNOLDS 1974: Active transport by insect malpighian tubules of acidic dyes and of acylamides. – J. Exp. Biol. 61: 357–377
- — , PILCHER, D. E. M. & B. O. C. GARDINER 1971: Pharmacology of the malpighian tubules of *Rhodnius* and *Carausius*: The structure-activity relationship of tryptamine analogues and the role of cyclic AMP. – J. Exp. Biol. 54: 779–804
- MATSUDA, R. 1970: Morphology and evolution of the insect thorax. – Mem. Entomol. Soc. Canada 76: 1–419
- MAZZINI, M. & V. SCALI 1977: Fine structure of the insect micropyle. 6. Scanning electron microscope investigations of the eggs of the stick insect *Bacillus rossius* (Rossi) (Insecta Cheleutoptera). – Monitore Zool. Ital. (N. S.) 11: 71–82
- MESNIER, M. 1972: Étude du contrôle neuroendocrine de l'oviposition chez *Clitumnus extradentatus* (Phasmatidae-Chéleutoptères). – C. R. Acad. Sc. Paris, sér. D 274: 564–567

- ©Zoologische Staatssammlung München, downloaded by University of Vienna, www.biologiezentrum.at
- 1979: Étude expérimentale de la croissance ovoctytaire au sein de l'ovariole chez une phasme *Clitumnus ex-tradentatus*. – C. R. Acad. Sc. Paris, sér. D 288: 1307–1309
- MILLER, T. 1971: Intracellular potential characteristics of some orthopteroid insect hearts. – Comp. Biochem. Physiol. 40A: 761–769
- MODDER, W. W. D. & K. SIVARAJAH 1972: Changes in oxygen uptake and respiratory quotient during post-embryonic development of the leaf-insect *Phyllium crurifolium* Serville (Phasmida: Phyllidae). – J. Ent. (A) 47: 85–93
- MONTANELLI, E., SCALI, V., BEDINI, C. & A. LANFRANCHI 1976: Ultrastructural studies on the DNA-RNA bodies in *Bacillus rossius* (Insecta, Cheleutoptera). – Boll. Zool. 43: 387–388
- MOSTI, P. & V. SCALI 1976: Osservazione sur corredo cromosomico di *Bacillus rossius*, Insecta, Cheleutoptera. – Atti Acc. Náz. Lincei, Rend. Cl. Sc. fis. mat. e nat., ser. 8, 59: 537–545
- MOUTON, J. 1970: Étude histophysiologiques et expérimentale de la fonction neuro-endocrine au niveau de la chaîne nerveuse ventrale de *Carausius morosus* (Phasmides). – Ann. Biol. 9: 569–572
- — 1971: Influence de la neuro-sécrétion sur la reproduction du phasme *Carausius morosus* (Chéléoptère). – Ann. Endoc. 32: 709–710
- MOXEY, C. F. 1971: Notes on the Phasmatodea of the West Indies: Two new genera. – Psyche 78: 67–83
- NARDON, P. & G. PLANTEVIN 1970: Utilisation d'une microméthode (Auxutab) pour la recherche qualitative d'activités enzymatiques dans les tissus d'Insectes Hémolymphe. – C. R. Acad. Sc. Paris, sér. D 271: 2137–2140
- NEUMANN, F. G. 1974: Autecology and control of *Didymuria violescens* (Leach) (Phasmatodea: Phasmatinae) inhabiting the central highlands of Victoria. – M. Sc. thesis, Univ. N.S.W., Australia
- — 1976: Egg production, adult longevity and mortality of the stick insect *Didymuria violescens* (Leach) (Phasmatodea: Phasmatidae) inhabiting mountain ash forest in Victoria. – J. Aust. ent. Soc. 15: 183–190
- — 1978: Studies on the egg stage of *Didymuria violescens* (Leach) (Phasmatodea: Phasmatidae) inhabiting mountain ash forest in Victoria. – J. Aust. Ent. Soc. 17: 217–224
- *— — & J. A. HARRIS 1972a: The phasmatid control operation in the central highlands of Victoria. I. History, biology and control methods. – For. Comm., Vic. Res. Rep. 10 (unpublished) (NEUMANN, F. G., HARRIS, J. A. & C. H. WOOD 1977)
- *— — & — — 1972b: II. Malathion as a chemical for control and alternative insecticide. – For. Comm., Vic. Res. Rep. 11 (unpublished) (NEUMANN, F. G., HARRIS, J. A. & C. H. WOOD 1977)
- *— — & — — 1972c: III. The effects of malathion insecticides on the environment. – For. Comm., Vic. Res. Rep. 12 (unpublished) (NEUMANN, F. G., HARRIS, J. A. & C. H. WOOD 1977)
- — & — — 1976: Defoliation of *Eucalyptus globoidea* in east Gippsland. – Research Activity 1976, For. Comm. Victoria: 19–?
- — , — — & C. H. WOOD 1977: The Phasmatid problem in mountain ash forests of the central highlands of Victoria. – For. Comm., Vict., Bull. 25: 1–43
- — & B. K. WARD 1974: A new sampling method for forecasting Phasmatid populations. – Research Activity 1974, For. Comm. Victoria: 21–22
- NEVILLE, A. C. 1975: Biology of the Arthropod Cuticle. – Zoophysiology and Ecology 4/5: 1–448
- NICOLSON, S., HORSFIELD, P. M., GARDINER, B. O. C. & S. H. P. MADRELL 1974: Effects of starvation and dehydration on osmotic and ionic balance in *Carausius morosus*. – J. Insect Physiol. 20: 2061–2069
- ORCHARD, I. 1975: The structure and properties of an abdominal chordotonal organ in *Carausius morosus* and *Blaberus discoidalis*. – J. Insect Physiol 21: 1491–1499
- — 1976: Calcium dependent action potentials in a peripheral neurosecretory cell of the stick insect. – J. comp. Physiol. 112: 95–102
- — & L. H. FINLAYSON 1976: The electrical activity of mechanoreceptive and neurosecretory neurone in the stick insect *Carausius morosus*. J. comp. Physiol. 107: 327–338
- — & — — 1977a: Electrically excitable neurosecretory cell bodies in the periphery of the stick insect, *Carausius morosus*. – Experientia 33: 226–228
- — & — — 1977b: Studies on peripheral neurons and neurohaemal tissue in the thorax of the stick insect (*Carausius morosus*). – Experientia 33: 1440–1442
- — & — — 1977c: Electrical properties of identified neurosecretory cells in the stick insect. – Comp. Biochem. Physiol. 58A: 87–91
- — & M. P., OSBORNE 1977: The effects of cations upon the action potentials recorded from neurohaemal tissues of the stick insect. – J. comp. Physiol. 118: 1–12
- — & — — 1979: The action of insecticides on neurosecretory neurons in the stick insect, *Carausius morosus*. – Pest. Biochem. Physiol. 10: 197–202

- OSBORNE, M. P. 1979: The effect of gamma-HCH upon the ultrastructure of the neurohaemal organs on the median nerves of the stick insect *Carausius morosus*). – Pestic. Sci. 10: 320–328
- — — , FINLAYSON, L. H. & M. J., RICE 1971: Neurosecretory endings associated with striated muscles in three insects (*Schistocerca*, *Carausius* and *Phormia*) and a frog (*Rana*). – Z. Zellforsch. 116: 391–404
- OTTE, D. 1979: The primary types of Orthoptera (Saltatoria, Mantodea, Phasmatodea and Blattodea) at the Academy of Natural Sciences of Philadelphia. – Proc. Acad. Nat. Sci. Philad. 130: 26–87
- PETERSEN, G. & H., GAEDIKE, 1970: Katalog der in den Sammlungen des Deutschen Entomologischen Institutes aufbewahrten Typen-II. – Beitr. Ent. 20: 145–172
- PFLÜGER, H. J. 1973: Schaukelbewegungen bei der Stabheuschrecke *Carausius morosus*. – Wiss. Arbeit zur Prüfung f. d. LA an Gymn. in Ba-Wü, Univ. Stuttgart, Federal Republic of Germany
- — — 1976a: Zur Steuerung der Schaukelbewegung bei der Stabheuschrecke (*Carausius morosus* Br.). – Verh. Dtsch. Zool. Ges. 1976: 247
- — — 1976b: Zur Steuerung der Schaukel- und Laufbewegung bei den Phasmiden *Carausius morosus* Br. und *Extatosoma tiaratum* (W. S. MacLeay). – Ph. D. thesis, Univ. of Kaiserslautern, Federal Republic of Germany.
- — — 1977: The control of the rocking movements of the Phasmid *Carausius morosus* Br. – J. comp. Physiol. 120: 181–202
- PIEK, T. & P., MANTEL 1970: A study of the different types of action potentials and miniature potentials in insect muscles. – Comp. Biochem. Physiol. 34: 935–951
- PIJNACKER, L. P. 1971a: The origin of abnormal micropyle apparatus of eggs of *Carausius morosus* Br. (Cheleutoptera, Phasmidae). – Netherl. J. Zool. 21: 366–372
- — — 1971b: Effects of X-rays on different meiotic stages of oocytes in the parthenogenetic stick insect *Carausius morosus* Br. – Mutation Res. 13: 251–262
- — — & L. J., DIEPHUIS 1970: Polarity and symmetry in composite oocytes of *Carausius morosus* Br. (Cheleutoptera, Phasmidae). – Experientia 26: 434–435
- — — & M. A., FERWERDA 1976: Experiments on blocking and unblocking of first meiotic metaphase in eggs of the parthenogenetic stick insect *Carausius morosus* Br. (Phasmidae, Insecta). – J. Embryol. exp. Morphol. 36: 383–394
- — — & — — — 1978: Additional chromosome duplication in female meiotic prophase of *Sipyloidea sipylus* Westwood (Insecta, Phasmida), and its absence in male meiosis. – Experientia 34: 1558–1560
- — — & HARBOTT, J. & P., KOCH 1977: Temperatur-abhängiges Auftreten von andromeiotischer DNA-Reduplikation in Männchen der Stabheuschrecke *Carausius morosus* (Phasmatodea: Phasmidae). – Ent. Germ. 3: 298–302
- — — & P. KOCH 1974: Extra DNA synthesis during oogenesis and spermatogenesis of *Carausius morosus* Br. (Insecta, Phasmida). – Genen Phaenen 17: 143–144
- — — & — — — 1975: Complete and incomplete extra DNA reduplication during spermatogenesis of *Carausius morosus* Br. (Insecta, Phasmida). – Chromosoma (Berl.) 49: 269–278
- PILCHER, D. E. M. 1970a: Hormonal control of the malpighian tubules of the stick insect, *Carausius morosus*. – J. Exp. Biol. 52: 653–665
- — — 1970b: The influence of the diuretic hormone on the process of urine secretion by the malpighian tubules of *Carausius morosus*. – J. Exp. Biol. 53: 465–484
- — — 1971: Stimulation of movements of malpighian tubules of *Carausius morosus* by pharmacologically active substances and tissue extracts. – J. Insect Physiol. 17: 463–470
- *PINHEY, E. & I., LODE 1974: A guide to the insects of Africa. – London (CLARK 1976b)
- PRICE, C. D. & N. A., RATCLIFFE 1974: A reappraisal of insect haemocyte classification by the examination of blood from fifteen insect orders. – Z. Zellforsch. 147: 537–549
- RAABE, M. 1971a: Neurosécrétion dans la chaîne nerveuse ventrale des insectes et organes neurohémaux métamériques. – Arch. zool. exp. gén. 112: 679–694
- — — 1971b: Les organes neurohémaux métamériques ventraux des insectes. – XIII Int. Congr. Ent. Moscow 1968, Proc. (Leningrad): 285–287
- — — , BAUDRY, N., GRILLON, J.-P. & A., PROVANSAL 1971: Les organes périsympathiques des insectes Ptérygoïtes. Distribution, Caractères généraux. – C. R. Acad. Sc. Paris, sér. D 273: 2324–2327
- — — & F. DEMARTI-LACHAISE 1973: Etude de l'action des organes périsympathiques sur la protéinémie du Phasme, *Carausius morosus*. – C. R. Acad. Sc. Paris, sér. D 277: 2037–2040

- © Zool. & D. MONJO 1970: Recherches histologiques et histoquímicas sur la neurosécrétion chez le Phasme, *Clitumnus extradentatus*: les neurosécrétions de type C. – C. R. Acad. Sc. Paris, sér. D 270: 2021–2024
- RABOZZI, M. L. & M. V., DAZZINI 1972: Richerche sulle glandole del protorace di *Sipyloide sypylus* Westw. – Boll. Soc. ent. Ital. 104: 50–57
- RAHLE, W. 1970: Untersuchungen an Kopf und Prothorax von *Embia ramburi* RIMSKY-KORSAKOW 1906 (Embioptera, Embiidae). – Zool. Jb. Anat. 87: 248–330
- RAGGE, D. R. 1973: The British Orthoptera: A supplement. – Ent. Gaz. 24: 227–245
- RAMSAY, G. W. 1978: Seasonality in New Zealand Orthoptera. – N. Z. Entomol. 6: 357–358
- READSHAW, J. L. & G. O., BEDFORD 1971: Development of the egg of the stick insect *Didymuria violescens* with particular reference to diapause. – Aust. J. Zool. 19: 141–158
- REMY, J. G. & M. P., DUBOIS 1977: Exploration immunocytochimique des ganglions cérébroïdes et sous-oesophagiens du phasme *Clitumnus extradentatus*: existence d'une neurosécrétion apparentée à la vasopressine-neurophysine. – C. R. Acad. Sc. Paris, sér. D 285: 1495–1497
- RICE, M. J. & P. D., WEBB 1975: Giant axons in the central nervous system of *Ctenomorphodes tessulatus* (Gray), an Australian stick insect. – J. Aust. ent. Soc. 14: 277–282
- ROSLAVTSEVA, S. A. 1970: Esterase activity in various insects. – Ent. Rev. 50: 18–21
- — 1971: (The activity of esterase in various insects.) – Ent. obozr. 50: 32–37 (In Russian, English translation in ROSLAVTSEVA 1970)
- ROWLEY, A. F. 1977: The role of the haemocytes of *Clitumnus extradentatus* in haemolymph coagulation. – Cell. Tiss. Res. 182: 513–524
- — 1979: An ultrastructural study of membranous inclusions found in the haemocytes of the stick insect *Clitumnus extradentatus*. – Acta Zool. (Stockh.) 60: 217–222
- ROY, R. 1970a: Dictyoptères, Chéleutoptères et Orthoptères recueillis par le Dr M. Gaillard à Tambacounda (Sénégal). – Bull. de l'I. F. A. N., sér. A, 32: 685–704 + corrigenda
- — 1970b: Contribution à l'étude biologique du Sénégal septentrional. V. Chéleutoptères et Dermoptères. – Bull. de l'I. F. A. N., sér. A, 32: 1034–1037
- RUMBUCHER, K. 1975: Zwei interessante Phasmiden-Gynander. – Ent. Z. 85: 177–178
- RUPPRECHT, R. 1971: Bewegungsmimikry bei *Carausius morosus* Br. (Phasmida). – Experientia 27: 1437–1438
- RUTSCHKE, E. & F., BROZIO 1975: Untersuchungen zur Ultrastruktur des Fettkörpers von der Staubheuschrecke *Carausius morosus* und deren Veränderung nach Verbreitung subletaler Dosen von Taxaphen. – Zool. Jb. Anat. 94: 296–318
- SALMON, J. T. 1970: Phasmidae of New Zealand. – N. Z. Ent. 4: 70–71
- SAUVE-GUILLAUME, M. 1976: Hétérogreffes chez les Phasmides. – Bull. Soc. Zool. Fr. 101: 1055
- SCALI, V. 1970: Obligatory parthenogenesis in the stick insect *Bacillus rossius* (Rossi). – Atti Acc. Naz. Lincei, Rend. Sc. fis. mat. e nat., ser. 8, 49: 307–314
- — 1972a: La citologia della parthenogenesi di *Bacillus rossius*. – Boll. Zool. 39: 567–573
- — 1972b: Problemi di citotassonomia nei Cheleutoptera Crampton (1915). – Atti Acc. Naz. Ital. Ent.: 285–293
- — & M., MAZZINI 1977: Fine structure and amino acid analysis of the egg capsule of the stick insect, *Clonopsis gallica* (Charp.) (Cheleutoptera: Bacillinae). – Int. J. Insect Morphol. & Embryol. 6: 255–264
- — & E., MONTANELLI 1975a: DNA-RNA bodies in midgut cells of the stick insect, *Bacillus rossius*. – J. Exp. Zool. 193: 361–367
- — & — — 1975b: Extra DNA nell'intestino medio di *Bacillus rossius*. – Boll. Zool. 42: 489–490
- * — — & — — 1975c: DNA-content of midgut in the stick insect *Bacillus rossius*. – Riv. Instoch. norm. pat. 20: 116 (BEDINI, LANFRANCHI, MONTANELLI & SCALI 1977)
- — & — — 1976: Synthesis of nucleic acids and in situ hybridization with rRNA in the DNA-RNA bodies of *Bacillus rossius* (Insecta, Cheleutoptera). – Boll. Zool. 43: 404
- — & MOSTI, P. 1975: Riarrangimenti cromosomici in *Bacillus rossius* (Insecta, Cheleutoptera) dell'Isola del Giglio. – Atti Acc. Naz. Lincei, Rend. Cl. Sc. fis. a nat., ser. 8, 59: 493–498
- SCHINDLER, G. 1978: Untersuchungen zur Autotomie und Regeneration bei der Staubheuschrecke *Carausius morosus* Br. (Insecta: Phasmida). – Staatsexamensarbeit, Braunschweig, Federal Republic of Germany.
- — 1979: Funktionsmorphologische Untersuchungen zur Autotomie der Staubheuschrecke *Carausius morosus* Br. (Insecta: Phasmida). – Zool. Anz. 203: 316–326
- SCHMIT, A. R. & N. A., RATCLIFFE 1978: The encapsulation of araldite implants and recognition of foreignness in *Clitumnus extradentatus*. – J. Insect Physiol. 24: 511–521

- * SCHMITZ, W. 1978: Die Kontrolle der Körperstellung einer stehenden Stabheuschrecke. Messung der Körperhöhe und der von den Einzelbeinen entwickelten Kräfte. – Zulassungsarbeit, Kaiserslautern, Federal Republic of Germany (BÄSSLER, U., in press: Physiologie des Stabheuschreckenverhaltens, Springer-Verlag)
- SCHOFIELD, P. K. 1979: Ionic permeability of the blood-brain barrier system of an insect *Carausius morosus*. – J. exp. Biol. 82: 385–388
- * SCHREINER, H. J. 1979: Die Kraft-Höhen-Kennlinie einer stehenden Stabheuschrecke. Ihre Abhängigkeit von der Ausgangsstellung des gesamten Beines sowie vom Beitrag der einzelnen Beingelenke. – Zulassungsarbeit, Kaiserslautern, Federal Republic of Germany (BÄSSLER, U. in press: Physiologie des Stabheuschreckenverhaltens, Springer-Verlag)
- SEITZ, K. A., KOCH, P., KIRCHNER, C. & R. WOLF-NEIS 1975: Feinstrukturelle Untersuchungen über die Dotterresorption an Embryoninen von *Carausius morosus*. – Verh. Dtsch. Zool. Ges. 1974: 183–187
- SHARELL, R. 1971: New Zealand insects and their story. Auckland and London (Collins)
- SIVINSKI, J. M. 1977: Factors affecting mating duration in the walkingstick *Diapheromera velii* (Walsh) (Phasmatoidea: Heteronemiidae). – M. Sc. thesis, Univ. of New Mexico, U.S.A.
- — 1978: Eggs and oviposition of the stick insect *Parabacillus coloradus* (Phasmatoidea: Heteronemiidae). – Fl. Ent. 61: 99
- — 1979: Intrasexual aggression in the stick insect *Diapheromera velii* and *D. covilleae* and sexual dimorphism in the Phasmatoidea. – Psyche 85: 395–405
- — & J. E., LLOYD 1978: Photo story (*Anisomorpha buprestoides*) – Fl. Ent. 61: 34
- SMITH, R. M., BROPHY, J. J., CAVILL, G. W. K. & N. W., DAVIES 1979: Iridodials and nepetalactone in the defensive secretion of the coconut stick insect, *Graeffea crouani*. – J. Chem. Ecol. 5: 727–735
- SMITH, U. 1970: The origin of small vesicles in neurosecretory axons. – Tissue & Cell 2: 427–433
- SOCHA, R. 1971: The haemolymphs and tissue proteins in relation to moulting and yolk formation in *Dixippus morosus* (Phasmidoidea). – Acta ent. bohemosl. 68: 289–299
- — 1974: The action of juvenoids on metamorphosis, gonadal development and blood protein pattern in *Dixippus morosus* (Phasmidoidea). – Acta ent. bohemosl. 71: 1–10
- — & I., GELBIČ 1973: Stages in the differentiation of ovarian development in *Dixippus morosus* as revealed by the effects of juvenoids. – Acta ent. bohemosl. 70: 303–312
- SOLDÁN, T. & I. GELBIČ 1979: Effects of *Plistophora dixippi* (Microsporidia, Nosematidae) on the development of ovaries of *Dixippus morosus* (Dictyoptera, Phasmida). – Acta Phytopat. Acad. Sci. Hung. 14: 503–519
- STABLER, R. H. 1976: The effect of air currents on the behaviour of the Indian stick insect *Carausius morosus* (Br.). – Entomologist's Rec. J. Var. 88: 44–46
- * STAMMER, W. 1978: Die Kontrolle der Körperstellung einer stehenden Stabheuschrecke. Messung der Körperhöhe und der von den Beinpaaren entwickelten Kräfte. – Zulassungsarbeit, Kaiserslautern, Federal Republic of Germany. (BÄSSLER, U. in press: Physiologie des Stabheuschreckenverhaltens, Springer-Verlag)
- STAPLEY, J. H. 1974: Insect pests of coconuts in the Pacific region. – Outlook Agric. 7: 211–217
- STELZER, M. J. 1970: Preliminary studies on the control of the coconut stick insect, *Graeffea crouanii* (Le Guillou), with systemic insecticides. – Bull. ent. Res. 60: 49–51
- STORRER, J. 1976: Systemanalytische Untersuchungen am „Kniesehnenreflex“ der Stabheuschrecke *Carausius morosus* Br. (Orthoptera). – Ph. D. thesis, Univ. of Kaiserslautern, Federal Republic of Germany.
- * — — & H., CRUSE 1975: Zur Regelung der Femur-Tibia-Stellung bei *Carausius morosus*: Kraftmessung am Flexor und am Extensor tibialis. In: MULJEVIC, V. (ed.) Proc. Jurema 1975, I: 59–67 (Zagreb 1975) (STORRER & CRUSE 1977)
- — & — — 1976: Zur Regelung der Femur-Tibia-Stellung von *Carausius morosus*: Systemanalyse des aufgeschnittenen Regelkreises. – Verh. Dtsch. Zool. Ges. 1976: 248
- — & — — 1977: Systemanalytische Untersuchung eines aufgeschnittenen Regelkreises, der die Beinstellung der Stabheuschrecke *Carausius morosus* kontrolliert: Kraftmessungen an den Antagonisten Flexor und Extensor tibiae. – Biol. Cybernetics 25: 131–147
- STRATAKIS, E. 1974: Der Tryptophanstoffwechsel und die Ommochromsynthese während der Embryonalentwicklung der Stabheuschrecke *Carausius morosus* Br. – Ph. D. thesis, Univ. Ulm, Federal Republic of Germany.
- — 1976a: Säulenchromatographische Trennung von Tryptophan, Kynurenin und 3-hydroxy-kynurenin aus biologischem Material mittels Sephadex G-25. – Insect Biochem. 6: 149–151
- — 1976b: Der Tryptophanstoffwechsel und die Ommochromsynthese während der Embryonalentwicklung der Stabheuschrecke *Carausius morosus*. – J. Insect Physiol. 22: 1207–1212

- ©Zoologische Mededelingen 1979, 53(1), 40–41
http://www.zoologicalpublications.org, www.biologiezentrum.at
- 1979: Ommochrome synthesis and kynurenic acid excretion in relation to metamorphosis and allatectomy in the stick insect, *Carausius morosus* Br. – J. Insect Physiol. 25: 925–929
- & W., SCHARTAU 1979: Tryptophan 2,3-dioxygenase in the development of the stick insect, *Carausius morosus* Br. – J. comp. Physiol. 132: 351–355
- STRINGER, I. A. N. 1970: The nymphal and imaginal stages of the bisexual stick insect *Clitarchus hookeri* (Phasmidae: Phasminae). – N. Z. Ent. 4: 85–95
- STRONG, L. 1975: Defence glands in the giant spiny phasmid *Extatosoma tiaratum* – J. Ent. (A) 50: 65–72
- SUCH, J. 1975a: Analyse ultrastructurale de la morphogenèse ommatidienne au cours du développement embryonnaire de l'œil composé chez le Phasme *Carausius morosus* Br. – C. R. Acad. Sc. Paris, sér. D, 281: 67–70
- 1975b: Recherches descriptives et expérimentales sur la morphogenèse embryonnaire de l'œil composé du Phasme *Carausius morosus* Br.; mise en place et différenciation ultrastructurale des éléments cellulaires constituant l'ommatidie. – Ph. D. thesis, Univ. Bordeaux I, France
- 1976: Analyse ultrastructurale de développement embryonnaire de l'ommatidie chez le Phasme *Carausius morosus* Br. – Bull. Soc. Zool. Fr. 101: 881–882
- 1978: Embryologie ultrastructurale de l'ommatidie chez le phasme *Carausius morosus* Br. (Phasmida: Lonchodidae): Morphogenèse et cytodifferentiation. – Int. J. Insect Morphol. & Embryol. 7: 165–183
- *TATAR, G. 1976: Mechanische Sinnesorgane an den Beinen der Stabheuschrecke *Carausius morosus*. – Diplomarbeit, Köln, Federal Republic of Germany (WENDLER 1978)
- *TAYLOR, H. H. 1970: Ultrastructural studies on the malpighian tubules of the stick insect. – Ph. D. thesis, Univ. Newcastle upon Tyne (TAYLOR 1971a)
- 1971a: Water and solute transport by the malpighian tubules of the stick insect, *Carausius morosus*. – Z. Zellforsch. 118: 333–368
- 1971b: The fine structure of the type 2 cells in the malpighian tubules of the stick insect, *Carausius morosus*. – Z. Zellforsch. 122: 411–424
- 1973: Structural and functional changes in the malpighian tubules of *Carausius morosus* during dehydration and starvation. – Z. Zellforsch. 141: 479–492
- TERRY, J. R. 1972: The relative feeding preference of the walkingstick for hardwoods in the mountainous region of West Arkansas and East Oklahoma. – Env. Ent. 1: 521–522
- & N. A., OVERGAARD 1970: Evaluation of walkingstick infestations on the Quachita national forest, Arkansas and Oklahoma. – USDA For. Serv., SA, S & PF, Div. of For. Pest Control, Pineville, La, Rpt. No 71-2-18
- THOMAS, A. 1971a: Le contrôle neuroendocrine de l'oviposition chez *Carausius morosus* Br. (Phasmidae). – Arch. Zool. Exp. gén. 112: 705–713
- 1971b: Recherches sur le déterminisme de la ponte chez *Carausius morosus*. – XIII Intern. Congr. Ent. Moscow 1968, Proc. (Leningrad): 446
- 1971c: Le contrôle neuroendocrine de l'oviposition chez *Carausius morosus*. – Bull. Soc. Zool. Fr. 96: 369–370
- 1972: Mécanisme du contrôle de l'oviposition chez *Carausius morosus* Br. (Phasmides, Chéléutoptères). – C. R. Acad. Sc. Paris, sér. D, 274: 571–574
- 1976a: La ponte de *Carausius morosus* (Br.) et son déterminisme neuro-endocrine. – Ph. D. thesis, Univ. Pierre et Marie Curie, Paris, France.
- 1976b: Mise en évidence d'un mécanisme nerveux contrôlant la progression des œufs dans le tractus génital du Phasme *Carausius morosus*. – Bull. Soc. Zool. Fr. 101: 158–159
- 1976c: Le déterminisme de la ponte chez *Carausius morosus*. – Bull. Soc. Zool. Fr. 101: 1006–1007
- 1979a: Inhibition of the onset of vitellogenesis by abnormal retention of mature eggs in the stick insect, *Carausius morosus*. – Int. J. Invert. Reprod. 1: 347–354
- 1979b: Nervous control of egg progression into the common oviduct and genital chamber of the stick insect *Carausius morosus*. – J. Insect Physiol. 25: 811–823
- & M., MESNIER 1973: Le rôle du système nerveux central sur les mécanismes de l'oviposition chez *Carausius morosus* et *Clitumnus extradentatus*. – J. Insect Physiol. 19: 383–396
- THOMAS, G. M. & G. D., POINAR 1973: Report of diagnoses of diseased insects 1962–1972. – Hilgardia, 42: 261–360
- TICHY, H. 1979: Hygro- and thermoreceptive triad in antennal sensillum of the stick insect, *Carausius morosus*. – J. comp. Physiol. 132: 149–152

- TREHERNE, J. E. 1972: A study of the function of the neural fatbody sheath in the stick insect, *Carausius morosus*. – *J. Exp. Biol.* **56**: 129–137
- & Y., PICHON 1972: The insect blood-brain barrier. – *Adv. Insect Physiol.* **9**: 257–313
- UECKERT, D. N. & A. D., CHAMRAD 1972: Walkingstick insect defoliate Creosote bush and Mesquite. – Noxious brush and weed control research highlights, Texas Tech Univ. **3**: 28
- & — 1973: Defoliation of Creosotebush by walkingsticks increases forage production. – Noxious brush and weed control research highlights 1973, Texas Tech Univ., **4**: 10
- & R. M., HANSEN 1972: Diet of walkingsticks on sandhill rangeland in Colorado. – *J. Range Manage.* **25**: 111–113
- URVOY, J. 1970: Etude des phénomènes de régénération après section d'antenne chez le Phasme *Sipyloidea sipylyus* W. – *J. Embryol. exp. Morphol.* **23**: 719–728
- VIRKKI, N. 1970: Karyotype rearrangements and malformation of gonads in the walkingsticks (Phasmatoptera) of the El Verde radiation center. – In: ODUM, H. T. (ed.): A tropical rain forest, A study of irradiation and ecology at El Verde, Puerto Rico – pp G-51 – G-62 – Washington (U.S. Atomic Energy Commission).
- WALL, B. J. & J. L., OSCHMAN 1975: Structure and function of the rectum in insects. – *Fortschr. Zool.* **23**: 193–222
- WARD, B. K. 1977: Phasmatic frass smapling trays for remote areas. – Research Activity 1977, For. Comm. Vict.: 26–27
- WASILEWSKA, E. & L., JANISZEWSKI 1973: Ionic content of haemolymph in the stick insect (*Carausius morosus* Br.) and the cricket (*Acheta domesticus* L.). – *Bull. Ac. Pol. Sc., ser. sc. biol. Cl. II*, **21**: 541–544
- WEBER, H. 1974: Grundriß der Insektenkunde – pp. 322–323. – Stuttgart (G. Fischer Verlag)
- WEIDLER, D. J. & F. P. J., DIECKE 1970a: The regulation of sodium ions in the central nervous system of the herbivorous insect *Carausius morosus*. – *Z. vgl. Physiologie* **67**: 160–178
- & — 1970b: Hemolymph ionic concentrations and sodium ion regulation by the neural sheath in two stick insect species (*Diapheromera femorata* and *Carausius morosus*). – *Z. vgl. Physiologie* **69**: 311–325
- , MYERS, G. G., GARDNER, J., BENNETT, A. L. & A. M., EARLE 1971: Defects in the experimental design of radioisotopic studies on the insect nerve cord. – *Z. vgl. Physiologie* **75**: 352–366
- WENDLER, G. 1972: Körperhaltung bei der Stabheuschrecke: ihre Beziehung zur Schwereorientierung und Mechanismen ihrer Regelung. – *Verh. Dtsch. Zool. Ges.* **1971**: 214–219
- 1975: Physiology and system analysis of gravity orientation in two insect species (*Carausius morosus* and *Calandra granaria*). – *Fortschr. Zool.* **23**: 33–48
- 1978: Erzeugung und Kontrolle koordinierter Bewegungen bei Tieren – Beispiele an Insekten. – In: HAUSKE, G. & E., BUTENANDT (eds.) *Kybernetik '77*: 11–34 – München, Wien (Oldenbourg)
- & W., HEILIGENBERG 1970: Relative Koordination bei gekoppelten, rhythmisch tätigen Modellheuronen. – *Verh. Zool. Ges.* **1969**: 477–482
- WESSIG, A. & D., EICHELBERG 1975: Ultrastructural aspects of transport and accumulation of substances in the malpighian tubules. – *Fortschr. Zool.* **23**: 148–172
- WHITE, M. J. D. 1973: Animal cytology and evolution – 3rd ed. – Cambridge (Cambridge Univ. Press)
- 1976: Blattodea, Mantodea, Isoptera, Grylloblattodea, Phasmatodea, Dermaptera and Embioptera. – *Animal Cytogenesis 3*, vol. 3: *Insecta 2*: 34–48, 66–68. – Berlin, Stuttgart (Gebrüder Borntraeger)
- WILLIG, A. 1970: Die grünen Farbstoffe von *Carausius morosus* und ihre Beteiligung am morphologischen Farbwechsel. – *Verh. Dtsch. Zool. Ges.* **1969**: 240–244
- WILSON, L. F. 1971: Walkingstick. – Forest pest leaflet 82. U. S. Dept. Agric., Forest Serv.
- WIRTH, W. W. 1971: A review of the "stick-ticks", neotropical biting midget of the *Forcipomyia* subgenus *Microchelea* parasitic on walkingstick insects (Diptera: Ceratopogonidae). – *Ent. News* **82**: 229–245
- WOLF-NEIS, R. 1973: Differenzierungsverlauf von *Carausius*-embryonen in ovo und in vitro. – *Zool. Jb. Anat.* **91**: 1–18, 153–200
- , KIRCHNER, C., KOCH, P. & K. A., SEITZ 1976: Immunohistological studies on the distribution of yolk proteins in the stick insect (*Carausius morosus*). – *J. Insect Physiol.* **22**: 865–869
- WORKMAN, R. B. 1978: (*Anisomorpha buprestoides* [Stoll] with mites [*Leptus* sp.]) – *J. Econ. Ent.* **71**(4) (front cover)
- WYNIGER, R. 1974: Insektenzucht – pp 113–114. – Stuttgart (Verlag Eugen Ulmer)
- ZAPATA, S. & E., TORRES 1970: Biología y morfología de *Bacteria granulicollis* (Blanchard) (Phasmida). – *Publ. Cent. Estud. Entomol. Univ. Chile* **10**: 23–42
- *ZWENKER, C. 1973: Die Steuerung der Aktivität bei *Carausius morosus*. – *Zulassungsarbeit*, Univ. Stuttgart. (BÄSSLER, U. im Druck: *Physiologie des Stabheuschrecken-Verhaltens*, Springer-Verlag)

- Acanthoxyla prasina* (Westwood): BURTON & BURTON 1975, RAGGE 1973
Acrophylla wuelfingi Redtenbacher: CLARK 1974a
Anciale majalis see *A. maculata*
A. maculata Olivier: BEDFORD 1976a, b, THOMAS & POINAR 1973
Agamemnon sp.: MOXEY 1971
Anisomorpha sp.: KAMP 1973
A. buprestoides (Stoll): BAKER 1972, EISNER 1970, MATSUDA 1970, SIVINSKI & LLOYD 1978, WORKMAN 1978
A. ferruginea (Palisot de Beauvios): BAKER 1972
- Bacillus* spp.: CLARK 1976a
B. rossius (Rossi): BACCETTI 1972, BEDINI, LANFRANCHI, MONTANELLI & SCALI 1977, BIGLIARDI, BACCETTI, BURRINI & PALLINI 1970, BULLINI 1972, BURRINI 1970, BURTON & BURTON 1975, LOMBARDO 1973, MAZZINI & SCALI 1977, MONTANELLI, SCALI, BEDINI & LANFRANCHI 1976, SCALI 1970, 1972a, SCALI & MONTANELLI 1975a-c, 1976, SCALI & MOSTI 1975, 1976
Bacteria granulicollis (Blanchard): ZAPATA & TORRES 1970
Baculum extradentatum (Brunner von Wattenwyl): BERGERARD 1972, CAVALLIN 1973, 1974, CAVALLIN & HAJJI 1979, HAJJI 1976, 1978, MESNIER 1972, 1979, PRICE & RATCLIFFE 1974, RAABE 1971a, b, RAABE, BAUDRY, GRILLON & PROVANSAL 1971, RAABE & MONJO 1970, REMY & DUBOIS 1977, ROWLEY 1977, 1979, SAUVE-GUILLAUME 1976, SCHMIT & RATCLIFFE 1978, THOMAS & MESNIER 1973
B. impigra (Brunner von Wattenwyl): CARLBERG 1979, FOTH 1977
Bostra scabrinota Redtenbacher: AGUILAR 1970
- Clemancantha regale* see *Eurycnema goliath*
Clitarchus hookeri (White): BURTON & BURTON 1975, RAGGE 1973, STRINGER 1970
Clitumnus see *Baculum*
Clonopsis gallica (Charpentier): BULLINI 1979, BULLINI & BULLINI 1971, DRENTH 1974, SCALI & MAZZINI 1977
Ctenomophra chronus (Gray): KEY 1974
Ctenomorphodes tessulatus (Gray): CAMPBELL 1974, Commonwealth Scientific and Industrial Research Organisation 1973, RICE & WEBB 1975
Cuniculina see *Baculum*
- Diapheromera arizonensis* Caudell: HURD & LINSLEY 1975
D. blatchleyi (Caudell): BAKER 1972
D. covilleae Rehn & Hebard: HURD & LINSLEY 1975, SIVINSKI 1979, UECKERT & CHAMRAD 1973
D. femorata (Say): BAKER 1972, BURTON & BURTON 1975, HODSON 1972, KNAUER & GIESE 1970, TERRY 1972, TERRY & OVERGAARD 1970, WIEDLER & DIECKE 1970b, WILSON 1971
D. velii (Walsh): BAKER 1972, SIVINSKI 1977, 1979, UECKERT & CHAMRAD 1972, UECKERT & HANSEN 1972
Didymuria violascens (Leach): BEDFORD 1970, CAMPBELL 1974, Commonwealth Scientific and Industrial Research Organisation 1973, CRADOCK 1970, 1972a, 1973, 1975, Forest Commission, Victoria 1970-1974, 1978, 1979, GEARY 1974, HARRIS 1974, 1976, LAMB 1974, NEUMANN 1974, 1976, NEUMANN & HARRIS 1972a-c, NEUMANN, HARRIS & WOOD 1977, NEUMANN & WARD 1974, 1976, 1978, READSHAW & BEDFORD 1971, THOMAS & POINAR 1973, WARD 1977
- Eurycantha calcarata* Lucas: BEDFORD 1976a, b
E. horrida Boisduval: BEDFORD 1976b
Eurycnema goliath (Gray): BURTON & BURTON 1975, KEY 1974
E. herculana Charpentier: PIEK & MANTEL 1970
E. versirubra Audinet-Serville: DENNELL 1976, JOLIVET 1971
Extatosoma tiaratum (MacLeay): BÄSSLER 1979, BÄSSLER & PFLÜGER 1979, CARLBERG 1978, CLARK 1973a, b, 1975a, DENNELL 1976, FRINGS 1977-1979, GALLOWAY 1976, LASSERE 1979a, b, RUMBUCHER 1975, STRONG 1975
- Graeffea crouanii* (Le Guillou): SMITH, BROPHY, CAVILL & DAVIES 1979, STAPLEY 1974, STELZER 1970
G. deoderlini Günther: PETERSEN & GAEDIKE 1970
Gratidia see *Ramulus*

Lamponius sp.: DREWRY 1970

Libethra miniscula Rehn: AGUILAR 1970

Loxopsis spp.: KLANTE 1975

Megacrania batesii Kirby: FRANZMAN & INNISFAIL 1974, KEY 1974

Megaphasma denticrus (Stål): BAKER 1972

Neopromachus injucundus Günther: PETERSEN & GAEDIKE 1970

Palophus titan Stål: BURTON & BURTON 1975

Parabacillus coloradus (Scudder): SIVINSKI 1978

Phibalosoma adumbratus (Saussure): DREWRY 1970

Phyllium spp.: KEY 1974, KLANTE 1976, KLEINHOUT 1974, KOMAI 1970

P. bioculatum Gray: MODDER & SIVARAJAH 1972

P. curvifolium see *P. bioculatum*

Podacanthus wilkinsoni MacLeay: CAMPBELL 1974, Commonwealth Scientific Industrial Research Organisation 1973, Forest Commission Victoria 1973, LAMB 1974

Pseudophasma flavidum Hebard: PETERSEN & GAEDIKE 1970

P. menius (Westwood): JANZEN & POND 1976, MATSUDA 1970

Pseudosermyle straminea Scudder: HURD & LINSLEY 1975

Ramulus spp.: BURTON & BURTON 1975

R. bituberculata (Redtenbacher): KOPANEVA 1972a, b

Sipyloidea sipylos (Westwood): BART 1972b, BART & BROWAEYS-POLY 1973, BROWAEYS-POLY 1973, BURTON & BURTON 1975, NEVILLE 1975, PIJNACKER & FERWERDA 1978, RAABE, BAUDRY, GRILLON & PROVANSAL 1971, RABOZZI & DAZZINI 1972, URVOY 1970

Taraxippus spp.: MATSUDA 1970

Timema californica Scudder: KRISTENSEN 1975

Tropidoderus childrenii (Gray): KEY 1974

Authors' address:

Ulf Carlberg,

Atlasvägen 53I, S-131 34 Nacka, Sweden

Angenommen am 23.6.1982

multi-species works: Amateur Entomologist's Society 1970, BEDFORD 1978, BRADLEY & GALIL 1977, CLARK 1974b, 1976b, c, 1978, 1979, CRADDOCK 1971, 1972b, HARZ & KALTENBACH 1976, KAESTNER 1973, KEY 1970, OTTE 1979, SALMON 1970, SCALI 1972b, SHARELL 1971, VIRKKI 1970, WHITE 1976

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Spixiana, Zeitschrift für Zoologie](#)

Jahr/Year: 1983

Band/Volume: [006](#)

Autor(en)/Author(s): Carlberg Ulf

Artikel/Article: [Bibliography of Phasmida \(Insecta\) I. 1970-1979 27-43](#)