

Bibliography Kevo

- s Alanko, L. 1957: Merilokki Utsjoella. - Luonnon Tutkija 61(1): 27.
- e Albrecht, A., Huldén, L., Lammes, T. & Rinne, V. 1984: Heteroptera of Inari Lapland. - Kevo Notes 7: 41-46.
- s Anon. 1988: Tenojokiraportti 5. - Mim., RKTL/KTO, Teno station.
- s Anon. 1991: Koekalastustuloksia. Pysyvät näytealueet, Teno, Utsjoki, Inarijoki v. 1989-90. - Mim., RKTL/KTO, Teno station.
- s Anon. 1991: Koekalastustuloksia Tenojoen vesistön sivujoista. Rysäpyynti, sähkökoekalastukset 1989-90. - Mim., RKTL/KTO, Teno station.
- s Anon. 1991: Koekalastustuloksia Luttojoen vesistöalue, Vaskojoen vesistöalue. Rysäpyynti, sähkökoekalastukset 1988-90. - Mim., RKTL/KTO, Teno station.
- k Antikainen, E. & Lilja, I. 1963: Havaintoja Inarin Lapin metsänrajan linnustosta kesällä 1960. - Luonnon Tutkija 67(3): 113-114.
- e Ayres, M. P. & MacLean, S. F., Jr. 1987: Development of birch leaves and the growth energetics of *Epirrita autumnata* (Geometridae). - Ecology 68(3): 558-568.
- e Ayres, M. P. & MacLean, S. F., Jr. 1987: Molt as a component of insect development: *Galerucella sagittariae* (Chrysomelidae) and *Epirrita autumnata* (Geometridae). - Oikos 48(3): 273-279.
- e Ayres, M., Suomela, J. & MacLean, S. 1987: Growth performance of *Epirrita autumnata* (Lepidoptera: Geometridae) on mountain birch: trees, broods, and tree x brood interactions. - Oecologia 74: 450-457.
- e Bagge, P. 1964: A freshwater amphipod *Gammarus lacustris* Sars in Utsjoki, Finnish Lapland. - Reports from the Kevo Subarctic Research Station 1: 292-294.
- o Bagge, P. 1966: Ekologis-faunistisia tutkimuksia Suomen Lapin subarktisisissa vesissä. - M. Sc. Thesis, Department of Biology, University of Turku. 142 pp.
- o Bagge, P. 1968: Ecological studies on the fauna of subarctic waters in Finnish Lapland. - Phil. Lic. thesis. Reports from the Kevo Subarctic Research Station 4: 32-83.
- k Bagge, P., Lehtovuori, M. & Lindqvist, O. 1963: Havaintoja Inarin ja Enontekiön Lapin linnustosta kesällä 1961. - Ornis Fennica 40(1): 21-31.
- s Batzli, G. O. & Haukioja, E. (eds.) 1983: Herbivore-plant interactions at northern latitudes. Proceedings of a symposium held 14-18 September, 1981, at Kevo, Finland. - Oikos 40(3): 326-459.
- k Blomqvist, I. 1995: Ympäristön yhdenmetyt seurannan planktonitutkimukset Vuoskojärvellä vuonna 1994. - Kevo Notes 10: 1-25 + I-IX.
- ? Broll, G. 1994: Influence of the soil mosaic on biodiversity at heath sites in the European Subarctic. - Transactions 15th World Congress of Soil Science (Mexico) 4a: 220-231.
- e Bryant, J., Tuomi, J. & Niemelä, P. 1988: Environmental constraint of constitutive and long-term inducible defenses in woody plants. - In: Spencer, K. (ed.): Chemical Mediation of Coevolution, pp 367-389.
- s Clayhills, T. 1988: Lyhytsiipishavaintoja Inarin Lapista kesällä 1987 (Staphylinidae). - Notulae Entomologicae 68(4): 150.
- s Clayhills, T. 1989: *Catops luteipes* Thomson tavattu Inarin Lapista (Cholcoidea). - Notulae Entomologicae 69(4): 212.
- e Clayhills, T. 1991: The distribution and habitat of *Stenus* (*Hemistenus*) *audax* J. Sahlberg 1900 (Coleoptera, Staphylinidae) in Finland. - Entomologica Fennica 2(1): 25-26.
- e Danell, K., Haukioja, E., Huss-Danell, K. 1997: Morphological and chemical responses of mountain birch leaves and shoots to winter browsing along a gradient of plant productivity. - Ecoscience 4: 296-303.
- o Eeva, T. 1989: Eläinravinnon merkitys lapintiaisen (*Parus cinctus*) ja kirjosisiepon (*Ficedula hypoleuca*) pesinnän ajoituksessa Inarin Lapissa. - M. Sc. Thesis, Department of Biology, University of Turku. 58 + 4 pp.
- e Eeva, T., Lehtikoinen, E. & Veistola, S. 1989: Habitat preference and breeding performance in four hole-nesting passerines at the northern limit of their range. - Ornis Fennica 66(4): 142-150.
- s Elo, K. 1986-87: Lohen ja taimenen perinnöllinen muuntelu Tenojoen ja Näätäjäjoen vesistöissä. - Mim. 1 & 2, RKTL/KTO, Teno Station.
- o Elo, K. 1988: Lohen (*Salmo salar*) entsyymigeneettinen muuntelu Näätäjäjoen ja Tenojoen vesistöissä. - M. Sc. Thesis, Department of Biology, University of Turku. 62 pp.
- e Elo, K. 1993: Gene flow and conservation of genetic variation in anadromous Atlantic salmon (*Salmo salar*). - Hereditas 119: 149-159.
- k Eloranta, A., Kovanen, J. & Niemelä, E. 1982: Kivisimpun levinneisyydestä, koosta ja sukupuolen määrätyksestä. - Suomen Kalastuslehti 89(7): 197-200.
- o Erkinaro, J. 1990: Lohenpoikasten ekologiasta Tenojoen vesistön pienissä sivupuroissa. - M. Sc. Thesis, Department of Zoology, University of Oulu. 62 pp.
- k Erkinaro, J. & Kylmäaho, M. 1992: Lohen vaelluspoikasten pyynnissä Tenojoen vesistöalueella käytetyt rysätyypit. - Suomen Kalastuslehti 99: 28-30.
- k Erkinaro, J., Niemelä, E. & Rask, M. 1992: Lapin happamoitumistutkimus, Taimenen poikastutkimukset Lutto- ja Paatsjoen vesistöalueilla. - RKTL/KTO, Kalatutkimuksia 54: 14-33.
- k Euranto, E., von Schantz, M. & Sotavalta, O. 1957: Perhoshavainnot Turun Eläin- ja Kasvitieteellisen Seuran retkiltä Utsjoen pitäjään (InL) vuosina 1954-1956. - Annales Entomologici Fennici 23(3): 115-133.
- o de Greling, C. 1974: Etude des populations de limicoles dans les Biocénoses Subarctiques de la Laponie Finlandaise. - Phil. Doc. Thesis, University of Paris. 118 pp.
- e Gross, J. 1997: Speziation beim Blattkäfer *Chrysomela lapponica* L.: Vergleichende Studien zu Chemischer Ökologie, Verhalten und Morphologie verschiedener Ontogenesestadien aus zwei

allopatrischen Populationen. - Sitzungsberichte der Gesellschaft Naturforschender Freunde zu Berlin 36: 125-142.

e Hackman, W. 1963: On the dipterous fauna of rodent burrows in northern Lapland. - *Notulae Entomologicae* 43(4): 121-131.

o Hakala, E. 1990: Lohen (*Salmo salar*) vaelluspoikasseuranta Yläpulumankijoella. - *Opinnäyte, VKTOL*.

o Hanhimäki, S. 1983: Tunturimittarin hieskoivussa aiheuttamasta nopeasti indusoituvasta resistenssistä. - M. Sc. Thesis, Department of Biology, University of Turku. 39 pp.

e Hanhimäki, S. 1989: Induced resistance in mountain birch: defence against leaf-chewing insect guild and herbivore competition. - *Oecologia* 81: 242-248.

s Hanhimäki, S. 1989: The impact of short- and long-term inducible defences of mountain birch on its leaf-chewing sawfly species. - 7th International Symposium on Insect-Plant Relationships. Budapest July 3-8.

s Hanhimäki, S. 1990: Damage-induced resistance in mountain birch: effects on early and late season herbivore population dynamics and plant-herbivore interactions. Soviet-Finnish Symposium, Novosibirsk August 26-28, 1986.

o Hanhimäki, S. 1993: Leaf quality and leaf chewers: an experimental approach to variation in the mountain birch-insect herbivore system. - Reports from the Department of Biology, University of Turku 31. 20 pp + 5 app.

e Hanhimäki, S. & Senn, J. 1992: Sources of variation in rapidly inducible responses to leaf damage in the mountain birch - insect herbivore system. - *Oecologia* 91: 318-331.

e Hanhimäki, S., Senn, J. & Haukioja, E. 1994: Performance of insect herbivores on hybridizing trees: the case of the subarctic birches. - *Journal of Animal Ecology* 63: 163-175.

e Hanhimäki, S., Senn, J. & Haukioja, E. 1995: The convergence in growth of foliage-chewing insect species on individual mountain birch trees. - *Journal of Animal Ecology* 64(5): 543-552.

o Hanski, S.-L. 1976: Pajusirkun (*Emberiza schoeniclus*) pesimäbiologian ja ekologian vertailu pohjois- ja eteläsuomalaisessa populaatiossa. - M. Sc. Thesis, Department of Biology, University of Turku. 37 pp.

e Haukioja, E. 1971: Flightlessness in some moulting passerines in Northern Europe. - *Ornis Fennica* 48(3-4): 101-116.

e Haukioja, E. 1971: Processing moult card data with reference to the Chaffinch *Fringilla coelebs*. - *Ornis Fennica* 48(1): 25-32.

e Haukioja, E. 1971: Summer schedule of some subarctic passerine birds with reference to postnuptial moult. - Reports from the Kevo Subarctic Research Station 7: 60-69.

e Haukioja, E. 1973: Weight development, consumption and egestion of *Dineura virididorsata* (Hym., Tenthredinidae) larvae. - Reports from the Kevo Subarctic Research Station 10: 9-13.

e Haukioja, E. 1974: Measuring consumption in *Eriocrania* (Eriocraniidae, Lep.) miners with reference to interactions between the leaf and the miner. - Reports from the Kevo Subarctic Research Station 11: 16-21.

e Haukioja, E. 1975: Importance criteria in birch herbivores. - In: Wielgolaski, F. E. (ed.): Fennoscandian tundra ecosystems. Part 2: Animals and system analysis. Springer Verlag, pp 189-194.

s Haukioja, E. 1975: The mechanism of *Oporinia autumnata* cycles. - Proceedings of Circumpolar Conference on Northern Ecology, Sept. 15-18 1975, Ottawa (National Research Council of Canada) I: 235-242.

s Haukioja, E. 1978: Outbreaks of *Oporinia autumnata* (Lep., Geometridae) and their delimitation by winter temperatures. - Soviet-Finnish symposium: Adaptation of animals to winter conditions, Moscow, April 1978.

k Haukioja, E. 1978: Tunturikoivun sopeutuminen hyönteistuhoihin. - *Acta Lapponica Fenniae* 10: 129-132.

e Haukioja, E. 1979: Anti-herbivore strategies in mountain birch at the tree-line. - *Holarctic Ecology* 2(4): 272-274.

e Haukioja, E. 1980: On the role of plant defences in the fluctuation of herbivore populations. - *Oikos* 35(2): 202-213.

e Haukioja, E. 1980: Vlijanie eimnih temperatur na vspyski raemnozenija *Oporinia autumnata* (Lepidoptera, Geometridae). - *Akademia NAUK CCCP, Moskva*. pp 126-132.

e Haukioja, E. 1981: Invertebrate herbivory at tundra sites. - In: Bliss, L. C., Cragg, J. B., Heal, D. W. & Moore, J. J. (eds.): *Tundra ecosystems: A comparative analysis*. Cambridge University Press, pp 547-555.

e Haukioja, E. 1982: Inducible defences of white birch to a geometrid defoliator, *Epirrita autumnata*. - In: Proceedings 5th Int. Symp. Insect-Plant Relationships. Pudoc, Wageningen, 1982, pp 199-203.

s Haukioja, E. 1988: Nutritive quality as a defense against herbivores. - Procs. XIII Internat. Congr. of Entomology. Vancouver, B.C., Canada July 3 to 9, 1988. p 421.

e Haukioja, E. 1988: The effects of rapid and delayed induced resistance in birch. - Procs. XIII Internat. Congr. of Entomology. Vancouver, B.C., Canada July 3 to 9, 1988. p 166.

s Haukioja, E. 1990: Do plant defences affect consumer populations? Soviet-Finnish Symposium on Factors of Herbivores Population Dynamics. Novosibirsk August 26-28, 1986.

e Haukioja, E. 1990: Positive and negative feedbacks in insect-plant interactions. - In: *Population Dynamics of Forest Insects*. Andover, Hampshire, U.K. pp 113-122.

e Haukioja, E. 1990: Toxic and nutritive substances as plant defence mechanisms against invertebrate herbivores. - In: Burdon J. J. & Leather S. R. (eds.): *Pests, pathogens and plant communities*. Blackwell Scientific Publications, Oxford. pp 219-231.

e Haukioja, E. 1991: Induction of defenses in trees. - *Annual Review of Entomology* 36: 25-42.

- e Haukioja, E. 1991: The influence of grazing on the evolution, morphology and physiology of plants as modular organisms. - *Phil. Trans. R. Soc. Lond. B.* 333: 241-247.
- e Haukioja, E. & Hakala, T. 1975: Herbivore cycles and periodic outbreaks. Formulation of a general hypothesis. - *Reports from the Kevo Subarctic Research Station* 12: 1-9.
- e Haukioja, E. & Hanhimäki, S. 1985: Rapid wound-induced resistance in white birch (*Betula pubescens*) foliage to the geometrid *Epirrita autumnata*: a comparison of trees and moths within and outside the outbreak range of the moth. - *Oecologia* 65: 223-228.
- e Haukioja, E. & Heino, J. 1974: Birch consumption by reindeer (*Rangifer tarandus*) in Finnish Lapland. - *Reports from the Kevo Subarctic Research Station* 11: 22-25.
- e Haukioja, E. & Iso-Iivari, L. 1976: Local and annual variation in secondary production by *Dineura virididorsata* (Hym., Tenthredinidae). - *Reports from the Kevo Subarctic Research Station* 13: 26-32.
- e Haukioja, E. & Koponen, S. 1975: Birch herbivores and herbivory at Kevo. - In: Wielgolaski, F. E. (ed.): *Fennoscandian tundra ecosystems, Part 2: Animals and system analysis*. Springer Verlag, pp 181-188.
- e Haukioja, E. & Koponen, S. 1975: Faunal structure of investigated areas at Kevo, Finland. - In: Wielgolaski, F. E. (ed.): *Fennoscandian tundra ecosystems, Part 2: Animals and system analysis*, Springer Verlag, pp 19-28.
- e Haukioja, E. & Neuvonen, S. 1985: Induced long-term resistance of birch foliage against defoliators: defensive or incidental? - *Ecology* 66(4): 1303-1308.
- e Haukioja, E. & Neuvonen, S. 1985: The relationship between size and reproductive potential in male and female *Epirrita autumnata* (Lep., Geometridae). - *Ecological Entomology* 10(3): 267-270.
- e Haukioja, E. & Neuvonen, S. 1987: Insect population dynamics and induction of plant resistance: the testing of hypotheses. - In: Barbosa, P. & Schultz, J. (eds.): *Insect outbreaks*. Academic Press, pp 411-432.
- e Haukioja, E. & Niemelä, P. 1974: Applicability of laboratory measurements of consumption to field populations of *Dineura virididorsata* (Retz.) (Hymenoptera, Tenthredinidae) larvae. - *Annales Zoologici Fennici* 11(4): 297-299.
- e Haukioja, E. & Niemelä, P. 1974: Growth and energy requirements of the larvae of *Dineura virididorsata* (Retz.) (Hym., Tenthredinidae) and *Oporinia autumnata* (Bkh.) (Lep., Geometridae) feeding on birch. - *Annales Zoologici Fennici* 11(3): 207-211.
- e Haukioja, E. & Niemelä, P. 1976: Does birch defend itself actively against herbivores? - *Reports from the Kevo Subarctic Research Station* 13: 44-47.
- e Haukioja, E. & Niemelä, P. 1977: Retarded growth of a geometrid larva after mechanical damage to leaves of its host tree. - *Annales Zoologici Fennici* 14(1): 48-52.
- e Haukioja, E. & Niemelä, P. 1979: Birch leaves as a resource for herbivores: seasonal occurrence of increased resistance in foliage after mechanical damage of adjacent leaves. - *Oecologia* 39: 151-159.
- e Haukioja, E. & Nygrén, K. 1972: Short-distance movements in the greysided vole *Clethrionomys rufocanus*. - *Reports from the Kevo Subarctic Research Station* 9: 73-77.
- e Haukioja, E., Hanhimäki, S. & Walter, G. H. 1994: Can we learn about herbivory on eucalypts from research on birches, or how general are general plant-herbivore theories? - *Australian Journal of Ecology* 19: 1-9.
- e Haukioja, E., Koponen, S. & Ojala, H. 1973: Local differences in birch leaf consumption by invertebrates in northern Norway and Finland. - *Reports from the Kevo Subarctic Research Station* 10: 29-33.
- s Haukioja, E., Neuvonen, S. & Suomela, J. 1989: Hapan sade ja puiden hyönteisresistenssi. - In: Kulmala, A. & Ryaboshapko, A. (eds.): *Ilmanpilaantumisen Itämeren alueella. Epäpuhtauksien kulkeutumisen ja niitten vaikutus ympäristöön*. Leningrad Gidrometeoizdat 1989.
- e Haukioja, E., Niemelä, P. & Iso-Iivari, L. 1978: Birch leaves as a resource for herbivores. II. Diurnal variation in the usability of leaves for *Oporinia autumnata* and *Dineura virididorsata*. - *Reports from the Kevo Subarctic Research Station* 14: 21-24.
- e Haukioja, E., Niemelä, P. & Kapiainen, K. 1983: Herbivory and tree-line birches. - *Nordicana* 47: 153-158.
- e Haukioja, E., Niemelä, P. & Kapiainen, K. 1983: Herbivory and tree line birches. - *Proc. Northern Quebec Tree-Line Conference 1981, (Poste-de-la-Balaine, Nouveau Quebec)*, pp. 151-159.
- e Haukioja, E., Niemelä, P. & Sirén, S. 1985: Foliage phenols and nitrogen in relation to growth, insect damage, and ability to recover after defoliation, in the mountain birch *Betula pubescens* ssp *tortuosa*. - *Oecologia* 65: 214-222.
- e Haukioja, E., Suomela, J. & Neuvonen, S. 1985: Long-term inducible resistance in birch foliage: triggering cues and efficacy on a defoliator. - *Oecologia* 65: 363-369.
- e Haukioja, E., Kapiainen, K., Niemelä, P. & Tuomi, J. 1983: Plant availability hypothesis and other explanations of herbivore cycles: complementary of exclusive alternatives? - *Oikos* 40(3): 419-432.
- e Haukioja, E., Neuvonen, S., Hanhimäki, S. & Niemelä, P. 1988: The autumnal moth in Fennoscandia. - In: Berryman, A. A. (ed.): *Dynamics of forest insect populations: Patterns, causes, implications*. Plenum Press, pp 163-178.
- e Haukioja, E., Pakarinen, E., Niemelä, P. & Iso-Iivari, L. 1988: Crowding-triggered phenotypic responses alleviate consequences of crowding in *Epirrita autumnata* (Lep., Geometridae). - *Oecologia*

75: 549-558.

- e Haukioja, E., Ruohomäki, K., Suomela, J. & Vuorisalo, T. 1991: Nutritional quality as a defense against herbivores. - *Forest Ecology and Management* 39: 237-245.
- e Haukioja, E., Niemelä, P., Iso-Iivari, L., Ojala, H. & Aro, E-M. 1978: Birch leaves as a resource for herbivores. I. Variation in the suitability of leaves. - *Reports from the Kevo Subarctic Research Station* 14: 5-12.
- e Haukioja, E., Ruohomäki, K., Senn, J., Suomela, J. & Walls, M. 1990: Consequences of herbivory in the mountain birch (*Betula pubescens* ssp. *tortuosa*): importance of the functional organization of the tree. - *Oecologia* 82: 238-247.
- k Haukioja, E., Niemelä, P., Iso-Iivari, L., Sirén, S., Kapiainen, K., Laine, K. J., Hanhimäki, S. & Jokinen, M. 1981: Koivun merkitys tunturimittarin kannanvaihtelussa. - *Luonnon Tutkija* 85(3): 127-140.
- o Heino, J. 1974: Poron ravinnosta tunturi-Lapissa. - B. Sc. Thesis, Department of Biology, University of Turku. 18 pp.
- e Helander, M.L., Ranta, H. & Neuvonen, S. 1993: Responses of phyllosphere microfungi to simulated sulphuric and nitric acid deposition. - *Mycological Research* 97: 533-537.
- o Henriksson, J. 1997: Lehtivaurioituksen ja hedenorkon tuoton vaikutus tunturikoivun (*Betula pubescens* ssp. *czerepanovii*) versojen kasvuun. - M. Sc. Thesis, Department of Biology, University of Turku. 29 pp.
- e Hieke, F. 1992: Die Laufkäfer von Utsjoki-Lappland (Nord-Finnland) (Insecta, Coleoptera: Carabidae). - *Faun. Abh. Mus. Tierkd. Dresden* 18(11): 153-171.
- e Hippa, H. & Koponen, S. 1975: On the damage caused by the species of *Galerucella* (Col., Chrysomelidae) on cloudberry (*Rubus chamaemorus* L.) in Finland and northern Norway. - *Reports from the Kevo Subarctic Research Station* 12: 54-59.
- e Hippa, H. & Koponen, S. 1975: Hillakuoriainen. - *Maatalouden tutkimuskeskuksen tietokortti* 6A4: 1-2.
- e Hippa, H. & Koponen, S. 1976: Distribution of the species of *Galerucella* (Col., Chrysomelidae) on cloudberry in Fennoscandia. - *Reports from the Kevo Subarctic Research Station* 13: 40-43.
- e Hippa, H. & Koponen, S. 1976: Preliminary studies on flower visitors to and potential pollinators of the cloudberry (*Rubus chamaemorus* L.) in subarctic Lapland. - *Annales Agriculturae Fenniae* 15: 56-65.
- k Hippa, H. & Koponen, S. 1976: Hillakuoriainen, aapasoiden tuholainen (The cloudberry beetle - a new pest). - *Suomen Luonto* 35(5): 238-241.
- e Hippa, H. & Koponen, S. 1979: Experiments on biological control of leaf beetles (Col., Chrysomelidae) on the cloudberry (*Rubus chamaemorus* L.). - *Reports from the Kevo Subarctic Research Station* 15: 8-10.
- k Hippa, H. & Koponen, S. 1981: Hilla ja hyönteiset Tunturi-Lapissa. - *Luonnon Tutkija* 85(3): 141-143.
- e Hippa, H. & Koponen, S. 1984: Parasitism of larvae of *Galerucini* (Col., Chrysomelidae) by larvae of *Asecodes mento* (Hym., Eulophidae). - *Reports from the Kevo Subarctic Research Station* 19: 63-65.
- e Hippa, H. & Koponen, S. 1986: Morphological, cytological, ecological and ethological evidence of reproductive isolation between *Galerucella nymphaeae* (L.) and *G. sagittariae* (Gyll.) (Coleoptera, Chrysomelidae) in Fennoscandia. - *Annales Entomologici Fennici* 52(2): 49-62.
- e Hippa, H., Koponen, S. & Laine, T. 1978: On the feeding biology of *Coccinella hieroglyphica* L. (Col., Coccinellidae). - *Reports from the Kevo Subarctic Research Station* 14: 18-20.
- e Hippa, H., Koponen, S. & Neuvonen, S. 1977: Population dynamics of the form of *Galerucella nymphaeae*-complex (Col., Chrysomelidae) living on cloudberry in northern Finland. - *Reports from the Kevo Subarctic Research Station* 13: 36-39.
- e Hippa, H., Koponen, S. & Osmonen, O. 1978: Role of bees (Hym., Apidae) in pollination of the cloudberry (*Rubus chamaemorus* L.) in northern Fennoscandia. - *Reports from the Kevo Subarctic Research Station* 14: 31-37.
- e Hippa, H., Koponen, S. & Osmonen, O. 1981: Diurnal activity of flower visitors to the cloudberry (*Rubus chamaemorus* L.). - *Reports from the Kevo Subarctic Research Station* 17: 55-57.
- e Hippa, H., Koponen, S. & Osmonen, O. 1981: Flower visitors to the cloudberry (*Rubus chamaemorus* L.) in northern Fennoscandia. - *Reports from the Kevo Subarctic Research Station* 17: 44-54.
- e Hippa, H., Koponen, S. & Osmonen, O. 1981: Pollen transport and pollinating efficiency of flower visitors to the cloudberry (*Rubus chamaemorus* L.) in northern Fennoscandia. - *Reports from the Kevo Subarctic Research Station* 17: 58-66.
- e Hippa, H., Koponen, S. & Roine, R. 1982: Feeding preference of *Coccinella hieroglyphica* (Col. Coccinellidae) for eggs of three chrysomelid beetles. - *Reports from the Kevo Subarctic Research Station* 18: 1-4.
- e Hippa, H., Koponen, S. & Roine, R. 1984: Larval growth of *Coccinella hieroglyphica* (Col., Coccinellidae) fed on aphids and preimaginal stages of *Galerucella sagittariae* (Col., Chrysomelidae). - *Reports from the Kevo Subarctic Research Station* 19: 67-70.
- o Honkanen, T. 1995: Plant defenses: the roles of intraplant regulation and resource availability. - Phil. Doc. thesis, Reports from the Department of Biology, University of Turku 48. 17 pp + 5 app.
- e Honkanen, T. & Haukioja, E. 1994: Why does a branch suffer more after branch-wide than after tree-wide defoliation? - *Oikos* 71(3): 441-450.

- e Honkanen, T., Haukioja, E. & Suomela, J. 1994: Effects of simulated defoliation and debudding on needle and shoot growth in Scots pine (*Pinus sylvestris*): implications of plant source/sink relationships for plant-herbivore studies. - *Functional Ecology* 8: 631-639.
- e Huldén, L. & Albrecht, A. 1984: Auchenorrhyncha (Homoptera) of Inari Lapland. - *Kevo Notes* 7: 47-52.
- o Hupli, H. 1985: Perhon koukkukoon vaikutus lohenpoikasten ja muiden kalalajien kalastettavuuteen Tenojoen vesistöalueella. - *Opinnäyte, VKTOL*.
- o Huusela-Veistola, E. 1989: Tunturikoivuon hyönteisresistenssi tunturimitarin kannalta - eri biotestimenetelmien vertailu. - M. Sc. Thesis, Department of Biology, University of Turku. 41 + 6 pp.
- k *Hyytiä, K., Koistinen, J. & Kellomäki, E. (eds.) 1983: Suomen lintuatlas. 520 pp.
- e Hämäläinen, M. 1984: Odonata of Inari Lapland. - *Kevo Notes* 7: 31-38.
- e Iso-Iivari, L. 1975: Vertebrates of Inari Lapland. - *Kevo Notes* 1: 1-19.
- o Iso-Iivari, L. 1976: *Dineura virididorsata* - sahapistiäisen (Hymenoptera, Tenthredinidae) lisääntymisen paikallisista eroista Utsjoella. - M. Sc. thesis, Department of Biology, University of Turku, 50 pp.
- s Iso-Iivari, L. 1979: Havaintoja Inarin Lapin satunnaislajistosta. - *Lintumies* 14(2): 78-81.
- e Iso-Iivari, L. 1979: Vertebrates of Inari Lapland. - *Kevo Notes* 1(2nd ed.): 1-14.
- k Iso-Iivari, L. 1981: Inarin Lapin selkärangaisista. - *Luonnon Tutkija* 85(3): 91-93.
- s Iso-Iivari, L. 1985: Viime vuosien rengastustoiminta Utsjoen Kevolla. - *Kokko* 8(2): 44-46.
- e Iso-Iivari, L. 1988: Vertebrates of Inari Lapland. - *Kevo Notes* 1(3rd ed.): 1-12.
- s Iso-Iivari, L. 1989: Rengastustoiminta Utsjoen Kevolla 1985-86. - *Kokko* 11: 18-19.
- s Iso-Iivari, L. 1990: Birds of Inari Lapland (published observations). - *Mim.*, Kevo Subarctic Research Institute. 80 pp.
- e Iso-Iivari, L. & Koponen, S. 1976: Insect catches by light trap compared with geomagnetic and weather factors in subarctic Lapland. - *Reports from the Kevo Subarctic Research Station* 13: 33-35.
- s Itkonen, J. & Vaajala, M. 1985: Tenojoen vesistön tila. Vedenlaatu- ja perifytotutkimus. - *Vesihallitus, monistesarja* 319, 61 pp.
- k Jalkanen, R. & Neuvonen, S. 1995: Taudit ja tuholaiset mäntyjen lisärasitteena - Keskeiset tulokset. - In: Tikkanen, E. (ed.): *Kuolan saastepäästöt Lapin metsien rasitteena*. Gummerus, pp. 163-164.
- e Jalkanen, R., Neuvonen, S., Kaitera, J., Nikula, A., Ranta, H. & Virtanen, T. 1995: Diseases and pests as additional stress factors of Scots pine. - In: Tikkanen, E. & Niemelä, I. (eds.): *Kola Peninsula pollutants and forest ecosystems in Lapland. Final Report of The Lapland Forest Damage Project*. Gummerus, pp. 51-54.
- o Joki, J. 1962: Tunturi-Lapin järvi- ja rantalinnustosta. - B. Sc. thesis, Department of Biology, University of Turku. 43 pp.
- s *Jokimäki, J. 1983: Lisähavaintoja kesäkatsaukseen 1982. - *Kokko* 6(3-4): 52.
- s *Jokimäki, J. 1983: Lapin lintusyksy 1982. - *Kokko* 6(3-4): 53-65, 73.
- s *Jokimäki, J. 1984: LLY:n pesäkorttiaineisto karttuu - lintukesät 1981 ja 1982. - *Kokko* 7(1): 15-22.
- s *Jokimäki, J. 1985: Lapin lintukesät 1983 ja 1984. - *Kokko* 8(2): 36-43.
- s *Jokimäki, J. 1985: Lämmin kevät 1984 toi sirittäjiä Lappiin - sirittäjätiheytymä Inarin Lemmenjoella. - *Kokko* 8(2): 49.
- s *Jokimäki, J. & Punnonen, P. 1985: Faunistinen katsaus 1973-82. - *Kokko* 8(3-4): 60-83.
- s *Jokimäki, J., Nivala, V. & Aikio, J. 1983: Lapin lintukesä. - *Kokko* 6(2): 37-42.
- o Jussila, R. 1957: Kevojoen alueen suurperhosfauna. - M. Sc. Thesis, Department of Biology, University of Turku. 78 + 15 pp.
- e Jussila, R. 1963: The macrolepidoptera of the Kevojoki area (InL) in Finnish Lapland. - *Annales Entomologici Fennici* 29(4): 218-230.
- o Jussila, R. 1964: Kevojoen alueen ikneumonidifauna. - Phil. Lic. Thesis, Department of Biology, University of Turku. 198 pp.
- e Jussila, R. 1964: Occurrence of Macrolepidoptera in the biotopes of the Kevojoki area in Inari Lapland (Finland). - *Reports from the Kevo Subarctic Research Station* 1: 269-278.
- o Jussila, R. 1965: The Ichneumonidae of the Kevojoki area in Inari Lapland (Finland). - Phil. Doc. thesis. *Reports from the Kevo Subarctic Research Station* 2: 1-186.
- e Jussila, R. 1966: The female of the ichneumonid species *Ophion kevoensis* Jussila (Hym., Ichneumonidae). - *Annales Entomologici Fennici* 32(4): 315-317.
- e Jussila, R. 1968: Distribution of Ichneumonidae (Hymenoptera) at different altitude belts in Finnish Lapland. - *Reports from the Kevo Subarctic Research Station* 4: 84-89.
- e Jussila, R. 1984: Ichneumonidae (Hymenoptera) of Inari Lapland. - *Kevo Notes* 7: 83-99.
- e Jussila, R. & Nuorteva, P. 1968: The ichneumonid fauna in relation to an outbreak of *Oporinia autumnata* (Bkh.) (Lep., Geometridae) on subarctic birches. - *Annales Zoologici Fennici* 5(3): 273-275.
- o Kaarna-Vuorinen, L. 1980: Eläinten osuudesta kylvetyn männyn siemenen tuhoutumiseen metsänrajaseudulla. - M. Sc. thesis, Department of Forest Zoology, University of Helsinki. 61 pp.
- o Kainulainen-Immonen, T. 1980: Kymmenpiikin (*Pygosteus pungitius* L.) elinkierron ekologiaa Inarin-, Muddus- ja Kevojärvässä. Tutkimus vuosilta 1977-1979. - M. Sc. thesis, Department of

Biology, University of Turku. 84 + 7 pp.

o Kaitaniemi, P. 1992: Kärkisilmujen poiston ja lehtien vaurioituksen vaikutukset tunturikoivuun (*Betula pubescens* ssp. *tortuosa*) lehtien laatuun tunturimittarin (*Epirrita autumnata*) ravintona. - M. Sc. Thesis, Department of Biology, University of Turku. 23 pp.

o Kaitaniemi, P. 1996: Insect-plant interactions during a natural *Epirrita autumnata* outbreak. - Phil. Doc. thesis, Annales Universitatis Turkuensis Ser. A II, 92: 21 pp + 5 app.

e Kaitaniemi, P., Ruohomäki, K. & Haukioja, E. 1997: Consumption of apical buds as a mechanism of alleviating host plant resistance for *Epirrita autumnata* larvae. - *Oikos* 78: 230-238.

e Kaitaniemi, P., Ruohomäki, K. & Haukioja, E. 1997: Consequences of defoliation on phenological interaction between *Epirrita autumnata* and its host plant, mountain birch. - *Functional Ecology* 11: 199-208.

e Kaitaniemi, P., Ruohomäki, K., Ossipov, V., Haukioja, E. & Pihlaja, K. 1998: Delayed induced changes in the biochemical composition of host plant leaves during an insect outbreak. - *Oecologia* 116: 182-190.

s Kallio, P. 1959: Jalohaukka. - *Luonnon Tutkija* 63(2): 61.

o Kapari, L. 2001: Maantieteellisen siirron vaikutus tunturikoivuun kasvuun ja lehtien laatuun tunturimittarin ravintona. - M. Sc. thesis, Department of Biology, University of Turku. xx pp.

o Kapiainen, K. 1981: Tunturimittarin (*Epirrita autumnata*) menestymisestä eteläisillä ja pohjoisilla hieskoivuilla. - M. Sc. thesis, Department of Biology, University of Turku. 50 pp.

s *Karhu, H. & Osmonen, O. 2001: Inarin Lapin linnut. Faunistisia lintutietoja Inarin Lapista, erityisesti vuosilta 1985-1999. - *Kokko* 15: 3-126.

e Karhu, K. J. 1998: Effects of ant exclusion during outbreaks of a defoliator and a sap-sucker of birch. - *Ecological Entomology* 23: 185-194.

o Karhu, K. J. 1998: Green islands: top-down and bottom-up effects of wood ants in forests under folivore attack. - Phil. Doc. thesis, Annales Universitatis Turkuensis Ser. A II, 107: 41 pp + 5 app.

e Karhu, K. J. & Neuvonen, S. 1998: Wood ants and a geometrid defoliator of birch: predation outweighs beneficial effects through the host plant. - *Oecologia* 113: 509-516.

o Kause, A. 1996: Tunturimittaritoukkien (*Epirrita autumnata*) ruokailukäyttäytymisen evolutiivinen ja ekologinen merkitys. - M. Sc. Thesis, Department of Biology, University of Turku. 52 pp.

o Kause, A. 2000: Environmental and genetic determination of phenotypes in insects feeding on mountain birch. - Phil. Doc. thesis, Annales Universitatis Turkuensis Ser. A II, 127: 21 pp + 5 app.

e Kause, A., Haukioja, E. & Hanhimäki, S. 1999: Phenotypic plasticity in foraging behavior of sawfly larvae. - *Ecology* 80(4): 1230-1241.

e Kause, A., Ossipov, V., Haukioja, E., Lempa, K., Hanhimäki, S. & Ossipova, S. 1999: Multiplicity of biochemical factors determining quality of growing birch leaves. - *Oecologia* 120: 102-112.

? Keplin, B. 1994: Influence of the soil mosaic on biodiversity at heath sites in the European Subarctic - Investigations on soil mesofauna. - *Transactions 15th World Congress of Soil Science (Mexico)* 4b: 164-165.

o Klemola, T. 1995: Kotelosaalistuksen merkitys tunturimittarin (*Epirrita autumnata* Bkh.) populaatiodynamiikassa. - M. Sc. thesis, Department of Biology, University of Turku. 27 pp.

s Kokkonen, A-M. 1982: Eläinplanktonista ja sen osuudesta plankton- ja pohjasiian poikasten ravinnossa eräissä Inarin luonnonravintolammikoissa. - *Mim.*, Finnish Game and Fisheries Research Institute, Teno station. 50 + 9 pp.

o Kokkonen, A-M. 1985: Eläinplanktonin lajistosta, biomassoista ja tuotannosta Utsjoen Pulmankijärvessä 1982. - M. Sc. thesis, Department of Biology, University of Jyväskylä. 49 pp.

o Kokkonen, K. 1998: Äkämien esiintyminen ja menestyminen Inari Lapin pajuilla ja pajuristeymillä. - M. Sc. Thesis, Department of Biology, University of Turku. 100 + 9 pp.

o Komulainen, M. 1990: Ympäristön vaihtelun vaikutus lapintiaisen (*Parus cinctus*) ja kirjosiiepon (*Ficedula hypoleuca*) pesyekokoon. - M. Sc. Thesis, Department of Biology, University of Turku. 55 pp.

o Komulainen, M. 1995: Happaman sateen, raskasmetallien ja maaperäeläinten vaikutukset maaperän hajotusprosesseihin. - Phil. Lic. thesis, Department of Biology, University of Turku. 26 pp + 3 app.

e Koponen, M. & Vikberg, V. 1984: Parasitic wasps (Hymenoptera Parasitica) of Inari Lapland, excluding Ichneumonidae. - *Kevo Notes* 7: 101-113.

e Koponen, S. 1971: On the abundance relations of mesofaunal groups in the ground layer of three subarctic habitats. - *Reports from the Kevo Subarctic Research Station* 7: 57-59.

e Koponen, S. 1972: On the spiders of the ground layer of a pine forest in Finnish Lapland, with notes on their diurnal activity. - *Reports from the Kevo Subarctic Research Station* 9: 32-34.

e Koponen, S. 1973: Herbivorous invertebrates of the mountain birch at Kevo, Finnish Lapland. - *Reports from the Kevo Subarctic Research Station* 10: 20-28.

e Koponen, S. 1973: On the mining insects of the mountain birch in northernmost Fennoscandia. - *Reports from the Kevo Subarctic Research Station* 10: 14-19.

e Koponen, S. 1974: On the occurrence and ecology of *Eriocrania* spp. (*Eriocraniidae*) and other mining insects of the birch in northernmost Fennoscandia in 1973. - *Reports from the Kevo Subarctic Research Station* 11: 52-64.

e Koponen, S. 1975: Spider populations in a subalpine birch forest. - In: Wielgolaski, F. E. (ed.): *Fennoscandian tundra ecosystems, Part 2: Animals and system analysis*. Springer Verlag, pp 66-72.

e Koponen, S. 1976: Spider fauna (*Araneae*) of Kevo area, northernmost Finland. - *Reports from the Kevo Subarctic Research Station* 13: 48-62.

e Koponen, S. 1977: Light trap catches of insects at Kevo, northernmost Finland. - *Notulae Entomologicae* 57(2): 53-57.

e Koponen, S. 1977: On abundance relations of soil fauna in three subarctic habitats. - *Ecol. Bull.* 25: 515-517.

- o Koponen, S. 1978: Tutkimuksia tunturikoivun herbivorihyönteisistä Pohjois-Fennoskandiassa ja Etelä-Grönlannissa. - Phil. Lic. thesis, Department of Biology, University of Turku. 29 + 3 + 66 pp.
- e Koponen, S. 1979: Herbivora insekter på björk i nordliga regioner. - Ent. Tidskr. 100: 231-233.
- e Koponen, S. 1980: Epigeic spider fauna of subarctic birch woodlands. - Proc. 8. Intern. Arachnologen-Kongress, Wien 1980, pp 415-420.
- e Koponen, S. 1980: Insect herbivores of birch foliage in the Quebec-Labrador peninsula, southern Greenland, and Fennoscandia. - McGill Subarctic Research Paper 30: 40-46.
- k Koponen, S. 1981: Inarin Lapin selkärangattomista. - Luonnon Tutkija 85(3): 93-94.
- k Koponen, S. 1981: Koivumetsän eläimet - osa pohjoista ekosysteemiä. - Luonnon Tutkija 85(3): 117-123.
- e Koponen, S. 1981: Outbreaks of *Dineura virididorsata* (Hymenoptera) and *Eriocrania* (Lepidoptera) on mountain birch in northernmost Norway. - Notulae Entomologicae 61(1): 41-44.
- s Koponen, S. 1981: *Rosenus cruciatus* (Osb. & Ball) (Cicadellidae), Suomelle uusi kaskaslaji. - Notulae Entomologicae 61(4): 222.
- k Koponen, S. 1983: Hangella liikkuvasta niveljalkaislajistosta Pohjois-Lapissa. - Oulanka Reports 4: 58-61.
- k Koponen, S. 1983: Hillan tuhohyönteisistä. - Metsäntutkimuslaitoksen tiedonantoja 90: 101-103.
- e Koponen, S. 1983: Phytophagous insects of birch foliage in northernmost woodlands of Europe and eastern North America. - Collection Nordicana 47: 165-176.
- e Koponen, S. (ed.) 1984: Invertebrates of Inari Lapland, Finland. - Kevo Notes 7: 1-120.
- e Koponen, S. 1984: Invertebrates of Inari Lapland: introduction and study area. - Kevo Notes 7: 3-9.
- e Koponen, S. 1984: Araneae of Inari Lapland. - Kevo Notes 7: 15-21.
- k Koponen, S. 1985: Soiden hämähäkkilajiston muutoksista (Summary: On changes in the spider fauna of bogs). - Memoranda Societatis pro Fauna et Flora Fennica 61: 19-22.
- s Koponen, S. 1986: Epigeic spiders of a young plantation in northern marginal pine forest, Finnish Lapland. - Actas X Int. Arachn. Congr. Jaca 1986: 273 (abstract).
- e Koponen, S. 1987: Soil fauna of subarctic mountain birch forest in Finnish Lapland. - In: Krivolutzkij, D. A. (ed.): Soil fauna of northern Europe, Nauka: 75-79. (In Russian).
- s Koponen, S. 1988: Effect of fire on soil and ground layer fauna in subarctic birch forest. - Abstracts of XVIII International Congress of Entomology, Vancouver 1988: 195.
- e Koponen, S. 1988: Effect of fire on spider fauna in subarctic birch forest, northern Finland. - XI Europäische Arachnologisches Colloquium, Techn. Univ. Berlin - Dokumentation Kongresse und Tagungen 38: 148-152.
- s Koponen, S. 1988: Hillasadon tuhoaja. - In: Luonnonystävän Suomi (Oy Valitut Palat - Reader's Digest Ab): 157.
- e Koponen, S. 1988: Hyönteisten vaikutuksesta hillan (*Rubus chamaemorus*) satoon Pohjois-Suomessa. - In: Metsien keräilytuotevarat ja niiden hyväksikäyttö, Petroskoi: 22-23 (In Russian) & 89-90 (In Finnish).
- e Koponen, S. 1988: Influence of clearcutting and ploughing on epigeic arthropod fauna in pine forests in northernmost Finland. - In: D. A. Krivolutzkij (ed.): Soil biology of northern Europe, Nauka: 201-205. (In Russian).
- s Koponen, S. 1988: Perhonen, joka tekee tundraa. - In: Luonnonystävän Suomi (Oy Valitut Palat - Reader's Digest Ab): 241.
- s Koponen, S. 1989: Fell birch pest. - In: Finland - Land of Natural Beauty (Valitut Palat - Reader's Digest): 241.
- k Koponen, S. 1989: Metsäpalon vaikutus koivumetsän pohjakerroksen selkärangattomaan eläinlajistoon Kevon luonnonpuistossa (Effect of fire of ground layer invertebrate fauna in birch forest in the Kevo strict Nature Reserve, Finnish Lapland). - Folia Forestalia 736: 75-80.
- s Koponen, S. 1989: The bane of the cloudberry. - In: Finland - Land of Natural Beauty (Valitut Palat - Reader's Digest): 157.
- e Koponen, S. 1991: Spiders (Araneae) on snow surface in subarctic Lapland. - Aquilo, Ser. Zoologica 24: 91-94. [1989].
- e Koponen, S. 1992: Insect herbivores and herbivory on mountain birch in the North Atlantic area. - Disturbance related dynamics of birch and birch dominated ecosystems. A Nordic Symposium, Illugastadir, Fnjóskadalur (Iceland Forest Research Station, Mógilsá), pp. 22-24.
- s Koponen, S. 1992: Postfire succession of soil arthropod groups in subarctic birch forest. - XI International Colloquium on Soil Zoology, Jyväskylä 10-14.8.1992, Program and Abstracts: 171.
- e Koponen, S. & Clayhills, T. 1988: Notes on *Corticaria dentiventris* (Coleoptera, Latridiidae). - Notulae Entomologicae 68(4): 131-132.
- e Koponen, S. & Hanhimäki, S. 1989: Crab spiders hunting geometrid larvae through gauze bags. - Memoranda Soc. Fauna Flora Fennica 65: 137-139.
- e Koponen, S. & Hurme, H. 1986: Seed herbivory by *Phaulernis fulviguttella* (Lepidoptera, Epermeniidae) in a subarctic population of *Angelica archangelica*. - Notulae Entomologicae 66(2): 87-88.
- s Koponen, S. & Hurme, H. 1992: Paavo Kallio (1914-1992). - Arctic 45(4): 410.
- e Koponen, S. & Iso-Iivari, L. 1978: Herbivorous insects of the mountain birch (*Betula pubescens* ssp. *tortuosa*) in eastern Finnmark (Norway) and northern Lapland (Finland). - Norwegian Journal of Entomology 25: 157-163.
- e Koponen, S. & Linnaluoto, E. T. 1979: Flight periods and abundance of some moths caught by light traps in subarctic Finnish Lapland, 1972-78. - Reports from the Kevo Subarctic Research Station 15: 19-26.

- e Koponen, S. & Linnaluoto, E. T. 1983: Colour morphs of *Hillia iris* (Lepidoptera, Noctuidae). - *Notulae Entomologicae* 63(4): 177-181.
- e Koponen, S. & Ojala, H. 1974: On the mesofauna of the field layer of three subarctic habitats. - *Reports from the Kevo Subarctic Research Station* 11: 65-71.
- e Koponen, S. & Ojala, M-L. 1975: Quantitative study of invertebrate groups in the soil and ground layer of the IBP sites at Kevo, northern Finland. - *Reports from the Kevo Subarctic Research Station* 12: 45-52.
- e Koponen, S., Haukioja, E. & Iso-Iivari, L. 1974: Comparison of spider catches and weather in subarctic conditions. - *Proc. 6th Int. Arachn. Congr.* Pp. 77-81.
- e Koponen, S., Laasonen, E. M. & Linnaluoto, E. T. 1982: Lepidoptera of Inari Lapland. - *Kevo Notes* 6: 1-36.
- *e Koricheva, J., Roy, S., Vranjic, J., Haukioja, E., Hughes, P. & Hänninen, O. 1997: Antioxidant responses to simulated acid rain and heavy metal deposition in birch seedlings. - *Environmental Pollution* 95: 249-258.
- o Kortelainen, I. 1987: Planktonäyriäisten vuorokautisesta vertikaalisijainnista Utsjoen Kevojärvässä ja läheisissä lammissa. - M. Sc. thesis, Department of Biology, University of Turku. 63 pp.
- e Kortelainen, I. 1990: *Gammarus lacustris* - herbivore or predator? - *Reports from the Kevo Subarctic Research Station* 21: 31-34.
- e Kuusela, K. 1984: Simuliidae (Diptera) of Inari Lapland. - *Kevo Notes* 7: 75-77.
- o Kylmäaho, M. 1990: Selvitys Kidis-, ja Rassi- ja Tsieskuljokien veden laadusta ja kalalajistosta. - Opinnäyte, VKTOL.
- e Kytöviita, M-M., Fritze, H. & Neuvonen, S. 1990: The effects of acidic irrigation on soil microorganisms at Kevo, northern Finland. - *Environ. Pollution* 66: 21-31.
- e Laasonen, E. M., Linnaluoto, E. T., Laasonen, L. & Koponen, S. 1984: Additions to the Lepidoptera fauna of Inari Lapland. - *Kevo Notes* 7: 117-120.
- o Laine, C. 1982: Lajiutuminen *Galerucella nymphaeae*-kompleksissa (Col., Chrysomelidae). - *Laudatur thesis*, Department of Biology, University of Turku. 42 pp.
- o Laine, H. 1962: Punakuirin (*Limosa lapponica*) esiintymisestä Suomen Lapissa. - B. Sc. thesis. *Ornis Fennica* 39(4): 121-131.
- o Laine, H. 1964: Mereisyys Utsjoen Lapin linnustossa. - M. Sc. Thesis, Department of Biology, University of Turku. 85 pp.
- e Laine, H. 1964: Notes on some southern bird species found in the vicinity of Kevo in Utsjoki, Finnish Lapland. - *Reports from the Kevo Subarctic Research Station* 1: 295-300.
- e Laine, H. 1966: On some influences of the Atlantic and the Arctic Ocean upon the bird fauna of Utsjoki, Finnish Lapland. - *Reports from the Kevo Subarctic Research Station* 3: 236-258.
- s Laine, H. 1969: *Stercorarius parasiticus*. - *Ornis Fennica* 46(1): 34.
- s Laine, H. 1969: *Stercorarius pomarinus*. - *Ornis Fennica* 46(1): 34.
- s Laine, H. & Oksala, I. 1969: *Haliaeetus albicilla*. - *Ornis Fennica* 46(1): 34.
- s Laine, H. & Oksala, I. 1969: *Larus hyperboreus*. - *Ornis Fennica* 46(1): 34.
- s Laine, H. & Soikkeli, M. 1960: Lintuhavaintoja Utsjoelta kevättalvella 1959. - *Ornis Fennica* 37(1-2): 58.
- o Laine, K. 1979: Selkärangattomien herbivorien ja petojen määrä tunturikoivulla eri korkeusvyöhykkeillä. - B. Sc. thesis, Department of Biology, University of Turku. 14 + 3 pp.
- o Laine, K. J. 1980: Tunturikoivun laidunnusketjun analyysi. - M. Sc. thesis, Department of Biology, University of Turku. 44 pp.
- o Laine, K. J. 1981: Määrääkö ekosysteemin tuottavuus subarktisten niveljalkaisyyhteisöjen rakenteen? - *Phil. Lic. thesis*, Department of Biology, University of Turku. 118 pp.
- e Laine, K. J. & Niemelä, P. 1980: The influence of ants on the survival of mountain birches during an *Oporinia autumnata* (Lep., Geometridae) outbreak. - *Oecologia* 47: 39-42.
- e Laine, K. & Niemelä, P. 1989: Nests and nest sites of red woods ants (Hymenoptera, Formicidae) in Subarctic Finland. - *Annales Entomologici Fennici* 55(3): 81-87.
- s Laine, U. 1963: Pikkulokki (*Larus minutus*) pesivänä Inarissa. - *Ornis Fennica* 40(4): 153.
- e Lammes, T. 1984: Psylloidea (Homoptera) of Inari Lapland. - *Kevo Notes* 7: 53-54.
- e Lammes, T. 1984: Neuroptera and Mecoptera of Inari Lapland. - *Kevo Notes* 7: 55-58.
- o Lappalainen, J. 1993: Tunturikoivun lehtien epifyytisienten ja koivunruostesienen vaikutus tunturimittarin (*Epirrita autumnata*) ja lehtikuoriaisen (*Phratora polaris*) kasvuun. - M. Sc. thesis, Department of Biology, University of Turku. 30 pp.
- e Lappalainen, J. & Helander, M. L. 1997: The role of foliar microfungi in mountain birch-insect herbivore relationships. - *Ecography* 20: 116-122.
- e Lappalainen, J., Helander, M. L. & Palokangas, P. 1995: The performance of the autumnal moth is lower on trees infected by birch rust. - *Mycological Research* 99(8): 994-996.
- o Laurinen, E. 1970: Tunturi-Lapin soiden linnustosta. - B. Sc. thesis, Department of Biology, University of Turku. 30 + 1 pp.
- s Lax, H-G., Koskenniemi, E., Sevola, P. & Bagge, P. 1990: Tenojoen koskijaksojen pohjaeläimistö joen ympäristölaadun kuvaajana. - *Mim.*, Department of Biology, University of Jyväskylä.
- s Lehikoinen, E. 1971: Inarin Lapin linnusto. - *Mim.*, Kevo Subarctic Research Institute. 22 pp.
- s Lehikoinen, E. 1989: Kevon pönttölintututkimuksesta. - II Suomen lintutieteen kongressi. *Linnut* 1989. Kuopio, 3.-6.8.1989.
- k Lehikoinen, E. & Myrsky, H. 1971: Tunturikihiin esiintyminen Pohjois-Utsjoella kesällä 1970. - *Tiedon Antaja* 1: 25-27.
- k Lehikoinen, E. & Myrsky, H. 1971: Piekanan pesimisestä Utsjoella sopulikesänä 1970. - *Tiedon Antaja* 1: 29-31.

- k Lehtikoinen, E. & Niemelä, P. 1981: Pesinnän, sulkasadon ja muuton ajoitusongelma lyhyen kesän oloissa. - Luonnon Tutkija 85(3): 108-110.
- k Lehtikoinen, E. & Niemelä, P. 1982: Sulkasatotutkimus - väliraportti. - Lintumies 17(2): 79-83.
- s Lehtikoinen, E., Eeva, T. & Veistola, S. 1991: The role of food-weather interactions in limiting breeding performance of box-nesting birds in the far north of Finland. - 3rd hole breeders' meeting, Sempach, Sveitsi 21-26.10.1991.
- o Lehtilä, K. 1994: Implications of plant structure for plant-animal interactions and plant life-history strategies. - Phil. Doc. thesis, Reports from the Department of Biology, University of Turku 42. 14 pp. + 6 app.
- e Lehtinen, P. T. 1964: The phalangids and pseudoscorpionids of Finnish Lapland. - Reports from the Kevo Subarctic Research Station 1: 279-287.
- o Lempa, K. 2000: Resource allocation among growth, herbivore resistance and reproduction in birch: a developmental perspective. - Phil. Doc. thesis, Annales Universitatis Turkuensis Ser. A II, 134: 29 pp + 5 app.
- e Lempa, K., Martel, J., Koricheva, J., Haukioja, E., Ossipov, V., Ossipova, S. & Pihlaja, K. 2000: Covariation of fluctuating asymmetry, herbivory and chemistry during birch leaf expansion. - Oecologia 122: 354-360.
- o Leppä, M. 1991: Kivisimpun ravinnoista, kasvusta ja saalistusaktiiviteetista Utsjoessa. - M. Sc. Thesis, Department of Biology, University of Joensuu. 46 + 11 pp.
- s *Leskinen, J. 1978: Lintusyksy 1977. - Kokko 1(1): 6-9.
- s *Leskinen, J. 1978: Ensimmäiset havaitut kevätmuuttajat. - Kokko 1(2-3): 13-16.
- s *Leskinen, J. 1979: Syysmuutto 1978. - Kokko 2(1): 3-4.
- s *Leskinen, J. 1979: Syysmuutto 1978: Lajistollinen katsaus. - Kokko 2(2-3): 42-45.
- s *Leskinen, J. 1979: Harvinaisuuksia kevät- ja kesäkaudelta 1979. - Kokko 2(2-3): 57-60.
- o Lilja, P. 1962: Piirteitä Inarinjärven ranta- ja vesilinnustosta. - B. Sc. thesis, Department of Biology, University of Turku. 23 pp.
- o Lindqvist, O. 1963: Tunturi-Lapin pahtojen ekologisista olosuhteista ja mesofaunasta. - M. Sc. thesis, Department of Biology, University of Turku. 133 + 10 pp.
- e Lindqvist, O. V. 1964: The spider fauna of the cliffs in eastern Finnish Lapland. - Reports from the Kevo Subarctic Research Station 1: 288-291.
- k Linnaluoto, E. T. 1981: Inarin Lapin perhosista. - Luonnon Tutkija 85(3): 95-97.
- e Linnaluoto, E. T. & Koponen, S. 1980: Lepidoptera of Utsjoki, northernmost Finland. - Kevo Notes 5: 1-68.
- e Linnaluoto, E. T. & Koponen, S. 1983: Northern moths (Lepidoptera) attracted by synthetic pheromones. - Annales Entomologici Fennici 49(2): 64.
- s Malicky, H. 1985: Trichoptera collected by Hans Malicky in Finnish Lapland, Aug/Sep. 1985. - Mim., Kevo Subarctic Research Institute. 2 pp.
- e Matsuki, M. & MacLean, S. F. Jr. 1990: The effect of temperature on the molt of *Dineura virididorsata* (Hymenoptera, Tenthredinidae). - Reports from the Kevo Subarctic Research Station 21: 21-25.
- s Mattsson, J. 1982: Pulmankijärven kalastus. - Work report 1, Mim., Finnish Game and Fisheries Institute, Teno station. 16 pp.
- s Mattsson, J. 1982: Ala-Tenon kalastus. - Work report 2, Mim., Finnish Game and Fisheries Institute, Teno station. 49 pp.
- s Mattsson, J. 1982: Tenon ja lähivesien kalastusalueuettelo. - Work report 7, Mim., Finnish Game and Fisheries Institute, Teno station. 20 pp.
- s Mattsson, J. 1982: Saamelaiset neljässä valtiossa. - Work report 8, Mim., Finnish Game and Fisheries Institute, Teno station. 16 pp.
- s Mattsson, J. 1983: Ylä-Tenon kalastus. - Work report 3, Mim., Finnish Game and Fisheries Institute, Teno station. 39 pp.
- s Mattsson, J. 1983: Utsjokilaakson kalastus. - Work report 4, Mim., Finnish Game and Fisheries Institute, Teno station. 51 pp.
- s Mattsson, J. 1983: Tenon lohivedet. - Work report 9, Mim., Finnish Game and Fisheries Institute, Teno station. 61 + 13 pp.
- s Mattsson, J. 1983: Tenon nuotta-apajat välillä Angeli - Levajokisuus. - Mim., Finnish Game and Fisheries Institute. 7 pp.
- s Mattsson, J. 1984: Inarijoen kalastus. - Work report 5, Mim., Finnish Game and Fisheries Institute, Teno station. 31 pp.
- s Mattsson, J. 1984: Tenon lähialueiden kalastus. - Work report 6, Mim., Finnish Game and Fisheries Institute, Teno station. 60 pp.
- s Mattsson, J. 1984: Näkökohtia Tenon rantakaavaan. - Mim., Finnish Game and Fisheries Institute. 5 pp.
- s Mattsson, J. 1985: Joki lohikalojen elinympäristönä Tenon vesistöissä. - Work report 10, Mim., Finnish Game and Fisheries Institute, Teno station. 70 pp.
- s Mattsson, J. 1986: Tenon suomenpuoleiset pienet sivujoet lohivesinä. - Work report 11, Mim., Finnish Game and Fisheries Institute. 51 pp.
- s Mattsson, J. 1988: Luton lohet ja lohivedet. - Work report 12, Mim., Finnish Game and Fisheries Institute. 45 pp.
- e Meinander, M. 1984: Plecoptera of Inari Lapland. - Kevo Notes 7: 39-40.
- e Moen, K., Niemelä, M. & Niemelä, E. 1986: Fangst av laks i Tanavassdraget 1985. - Fylkesmannen i Finnmark, Rapport 18: 1-33.

- o Molarius, A. 1986: Eri lehtipuulajien indusoituva herbivoriesistenssi. - M. Sc. thesis, Department of Biology, University of Turku. 40 pp.
- o Montola, M. 1997: Tiheydestä riippuva fenotyypin plastisuus tunturimittarin (*Epirrita autumnata* Bkh.) kehitysfysiologiassa. - M. Sc. Thesis, Department of Biology, University of Turku. 35 pp.
- s Mustakallio, P. 1956: Lintuhavaintoja Utsjoen (InL) retkeltä 1956. - Luonnon Tutkija 60(5): 154.
- s Mustakallio, P. 1960: Lintuhavaintoja Inarista ja Utsjoelta. - Ornis Fennica 37(3): 94.
- s Mustakallio, P. 1960: Suosirrin nimirotu (*Calidris alpina alpina*) pesivänä Tunturi-Lapissa. - Ornis Fennica 37(3): 96.
- k Mustakallio, P. 1964: Huomioita pohjoisimman Lapin linnustosta. - Luonnon Tutkija 68(1): 29-33.
- e Mutikainen, P. & Ojala, A. 1993: Simulated herbivory and air pollution: growth and reproduction of an evergreen dwarf shrub, *Empetrum nigrum*. - Acta Oecologica 14(6): 771-780.
- o Möller, K. 1989: Emergenzuntersuchungen am Tsieskuljoki, einem Bach in der subarktischen Zone Finnish-Laplands. - M. Sc. thesis, Department of Biology, University of Philipps. 106 + 16 pp.
- o Neuvonen, S. 1980: Hillakuoriaisen (*Galerucella "nymphaeae"*) tiheyksiä sekä kehitysvaiheiden ajoittuminen Pohjois-Suomessa kannan laskuvaiheen aikana. - M. Sc. thesis, Department of Biology, University of Turku. 38 pp.
- o Neuvonen, S. 1987: Delayed inducible responses and plant-herbivore interactions. - Phil. Doc. thesis, Reports from the Department of Biology, University of Turku 15. 20 pp + 7 app.
- e Neuvonen, S. 1988: Interactions between geometrid and microtine cycles in northern Fennoscandia. - Oikos 51(3): 393-397.
- s Neuvonen, S. 1988: The effects of inducible resistance in birch foliage on different aspects of the performance of herbivorous insects. - Proc. XIII Internat. Congr. of Entomology. Vancouver, B.C., Canada July 3 to 9, 1988. p 166.
- s Neuvonen, S. 1990: Interactions between acid rain and the population dynamics of forest pests. Proceedings of the "Soviet- Finnish Symposium of Factors of Herbivores Population Dynamics" at Novosibirsk, 26.-28. August, 1986 (in press)
- e Neuvonen, S. 1991: Field experiments on the effects of pollution at Kevo Subarctic Research Station. - Metsäntutkimuslaitoksen Tiedonantoja 373: 109-114.
- s Neuvonen, S. 1992: Ihmisen aiheuttamat ympäristömuutokset ja tuhohyönteisten joukkoesiintymien riski. - Suomen Akatemian julkaisuja 2/92: 267-271.
- s Neuvonen, S. 1992: Anthropogenic environmental changes and the risk of forest insect outbreaks. - Publications of the Academy of Finland 3/92: 269-273.
- s Neuvonen, S. 1993: Experiences from a field experiment on the effects of simulated acid rain in Finnish Lapland. - In: Kozlov, M. V., Haukioja, E. & Yarmishko, V. T. (eds.): Aerial Pollution in Kola Peninsula: Proceedings of the International Workshop, April 14-16, 1992, St. Petersburg. Apatity, 1993, pp. 70-73.
- k Neuvonen, S. 1995: Miten happosateiden vaikutuksia selvitetään Lapissa? - Raito 13(2): 16-19.
- k Neuvonen, S. 1995: Mitä yhteyksiä ilmansaasteilla ja bioottisilla metsätuhoilla voi olla? -In: Tikkanen, E. (ed.), Kuolan saastepäästöt Lapin metsien rasitteena. Gummerus, p. 152.
- k Neuvonen, S. 1995: Gradientti- ja kokeelliset tutkimukset täydentävät toisiaan. - In: Tikkanen, E. (ed.), Kuolan saastepäästöt Lapin metsien rasitteena. Gummerus, p. 159.
- e Neuvonen, S. & Haukioja, E. 1984: Low nutritive quality as defence against herbivores: induced responses in birch. - Oecologia 63: 71-74.
- e Neuvonen, S. & Haukioja, E. 1985: How to study induced plant resistance? - Oecologia 66: 456-457.
- e Neuvonen, S. & Haukioja, E. 1991: The effects of inducible resistance in host foliage on birch feeding herbivores. - In: Tallamy, D. W. & Raupp, M. J. (eds.): Phytochemical induction by herbivores. John Wiley & Sons, New York. pp 277-291.
- s Neuvonen, S. & Komulainen, M. 1992: Kokeellinen tutkimus Kevolla. - Ilmansuojelu- uutiset 16(3): 34-37.
- e Neuvonen, S. & Niemelä, P. 1991: Do differences in inducible resistance explain the population dynamics of birch and pine defoliators? - In: Baranchikov, Y. N., Mattson, W. J., Hain, F. P. & Payne, T. L. (eds.): Forest insect guilds: patterns of interaction with host trees. pp 103-112. (U.S. Dep. Agric. For. Serv. Gen. Rep. NE-153).
- s Neuvonen, S. & Saikkonen, K. 1992: Anthropogenic environmental changes and the interactions among three trophic levels. - IPP-conference proceedings, September 1992, Norwich.
- k Neuvonen, S. & Suomela, J. 1987: Keinotekoisien happosateen vaikutukset puiden tuholaisresistenssiin ja karikkeen hajotukseen - kokemuksia Kevon kokeista. - Aquilo, Ser. Botanica 25(1): 103-109.
- e Neuvonen, S. & Suomela, J. 1990: The effect of simulated acid rain on pine needle and birch leaf litter decomposition. - Journal of Applied Ecology 27: 857-872.
- e Neuvonen, S. & Suomela, J. 1997: Effects of long-term simulated acid rain on suitability of mountain birch for *Epirrita autumnata* (Geometridae). - Canadian Journal of Forest Research 27(2): 248-256.
- e Neuvonen, S., Haukioja, E. & Molarius, A. 1987: Delayed inducible resistance against a leaf-chewing insect in four deciduous tree species. - Oecologia 74: 363-369.
- k Neuvonen, S., Lindgren, M. & Suomela, J. 1987: Keinotekoisien happosateen vaikutus koivunlehtien laatuun kirvojen ravintona. - Aquilo, Ser. Botanica 25(2): 109-114.
- e Neuvonen, S., Palokangas, P. & Haapala, S. 1992: Effects of early season foliar damage on *Phratora polaris* (Chrysomelidae) and its defensive ability. - Proc. 8th Int. Symp. Insect-Plant Relationships, Dordrecht, pp. 345-346.
- s Neuvonen, S., Rossolimo, T. & Ryrholm, N. 1995: Monitoring methods for terrestrial invertebrates in the Arctic terrestrial ecosystems. Recommendations from the working group. -In: Olsen, K.

- V. (ed.): Proceedings of workshop on Biological Methods for use in Monitoring the Arctic. Svanvik, Norway 7.-10. March 1995, pp. 50-58.
- e Neuvonen, S., Routio, I. & Haukioja, E. 1992: Combined effects of simulated acid rain and aphid infestation on the growth of Scots pine (*Pinus sylvestris*) seedlings. - *Annales Botanici Fennici* 29: 101-106.
- e Neuvonen, S., Saikkonen, K. & Haukioja, E. 1990: Simulated acid rain reduces the susceptibility of the European pine sawfly (*Neodiprion sertifer*) to its nuclear polyhedrosis virus. - *Oecologia* 83: 209-212.
- e Neuvonen, S., Saikkonen, K. & Suomela, J. 1990: Effect of simulated acid rain on the growth performance of the European pine sawfly (*Neodiprion sertifer*). - *Scand. J. For. Research* 5(4): 541-550.
- s Neuvonen, S., Virtanen, T. & Nikula, A. 1998: Timberline, insect pests, and minimum winter temperatures; applications of GIS. - Finnish Forest Research Institute, Research Papers 677: 17-21.
- e Neuvonen, S., Hanhimäki, S., Suomela, J. & Haukioja, E. 1988: Early season damage to birch foliage affects the performance of a late season herbivore. - *Journal of applied Entomology* 105: 182-189.
- k Neuvonen, S., Virtanen, T., Ranta, H. & Nikula, A. 1992: Rikki- ja raskasmetallilaskeuman sekä typpilannoituksen vaikutus männyn tuholais- ja tautialttiuteen. - *Metsäntutkimuslaitoksen Tiedonantoja* 413: 186-193.
- e Neuvonen, S., Virtanen, T., Nikula, A. & Varama, M. 1996: Climate change and the risks of forest insect outbreaks. - The Finnish research programme on climate change, Final report. Publications of the Academy of Finland 4/96: 275-280.
- e Neuvonen, S., Suomela, J., Haukioja, E., Lindgren, M. & Ruohomäki, K. 1990: Ecological effects of simulated acid rain in a subarctic area with low ambient sulphur deposition. - In: Kauppi, P., Anttila, P. & Kenttämies, K. (eds.): *Acidification in Finland*, Springer Verlag, Berlin. pp 477-493.
- o Niemelä, E. 1977: Lohen (*Salmo salar* L.) ja taimenen (*Salmo trutta* L.) nuoruusvaiheiden ekologiasta. - B. Sc. thesis, Department of Biology, University of Turku. 20 + 2 pp.
- o Niemelä, E. 1979: Nuoren lohen ja taimenen kasvusta ja populaattiorakenteesta Näättämojoessa. - M. Sc. thesis, Department of Biology, University of Turku. 53 + 11 pp.
- s Niemelä, E. 1982: Tenojokiraportti. Toimintakertomus Tenojoen kalastuspiiriin tutkimustoiminnasta vuonna 1981. - Mim., Finnish Game and Fisheries Institute. 18 pp.
- s Niemelä, E. 1983: Toimenpidepyyntö eräiden kalaväylien kunnossapidosta Tenojoen vesistöalueella. - Mim., RKTL/KTO, Teno station.
- s Niemelä, E. 1986: Pulmankijärven kalastus ja kalakannat. - Mim., RKTL/KTO, Teno station.
- s Niemelä, E. & Hynninen, P-R. 1983: Utsjoen tunturivesien kalakantojen hoitosuunnitelma. - RKTL/KTO, Monistettuja julkaisuja 8, 114 pp.
- s Niemelä, E. & Kärki, P. 1987: Tenon vesistön vesipinta-alat ja rannanpituudet Suomen puolella. - Mim., RKTL/KTO, Teno station.
- s Niemelä, E. & Kärki, P. 1991: Tenojoen vesistöalueen järvet ja joet. Luettelo ja kartasto. - Mim., RKTL/KTO, Teno station.
- s Niemelä, E. & Kärki, P. 1991: Uutuanjoen vesistöalueen järvet ja joet. Luettelo ja kartasto. - Mim., RKTL/KTO, Teno station.
- s Niemelä, E. & Kärki, P. 1991: Tuulomajoen latvavesistöalueen järvet ja joet. Luettelo ja kartasto. - Mim., RKTL/KTO, Teno station.
- s Niemelä, E. & Kärki, P. 1991: Näättämojoen vesistöalueen järvet ja joet. Luettelo ja kartasto. - Mim., RKTL/KTO, Teno station.
- s Niemelä, E. & Niemelä, M. 1984: Ulkopaikkakuntalaisten virkistyskalastus Tenojoen kalastusalueella Suomen puolella vuosina 1981-82. - RKTL/KTO, Monistettuja julkaisuja 22, 70 pp.
- s Niemelä, E. & Niemelä, M. 1985: Atlantin lohen nousurajat Suomen puoleisella vesistöalueella. - Mim., RKTL/KTO, Teno station.
- s Niemelä, E. & Niemelä, M. 1986: Tenojoen v. 1979 tarkistetun kalastussopimuksen jälkeen kalastuksessa ja kalakannoissa tapahtuneet muutokset Tenojoessa ja lohen vaellusalueella. - Mim., RKTL/KTO, Teno station.
- e Niemelä, E. & McComas, R. L. 1985: Preliminary seatrout (*Salmo trutta* L.) investigations in the Teno River. - ICES C. M. 1985/M:24.
- e Niemelä, E., McComas, R. L. & Niemelä, M. 1985: Salmon (*Salmo salar*) parr densities in the Teno River. - ICES C. M. 1985/M:23.
- s Niemelä, E., Erkinaro, J. & Kylmäaho, M. 1992: Koekalastustuloksia vuodelta 1991. - Mim., RKTL/KTO, Teno station, Raportti 1/92.
- s Niemelä, E., Vilhunen, J. & Kärki, P. 1987: Utsjoen tunturivesien kalakantojen käyttö- ja hoitosuunnitelma. - Mim., Finnish Game and Fisheries Research Institute, Fisheries Division. 187 + 3 app.
- s Niemelä, E., Länsman, M., Kärki, P., Länsman, T. & Moen, K. 1993: Tenojoen ja Näättämojoen vesistöalueiden kalansaaalis- ja kalastustilastot vuoteen 1992. - Mim., RKTL/KTO, Teno station, Raportti 2/93.
- s Niemelä, M., Niemelä, E. H. & Hanssen, K. 1989: Tenojoen virkistys- ja ammattikalastussuunnitelma Suomessa ja Norjassa. - RKTL/KTO, Monistettuja julkaisuja 86, 137 pp.
- o Niemelä, P. 1971: Pajulinnun (*Phylloscopus trochilus*) painonvaihtelusta kesän aikana. - B. Sc. thesis, Department of Biology, University of Turku. 20 pp.
- o Niemelä, P. 1974: Pajulinnun (*Phylloscopus trochilus*) postnuptiaalisen sulkasadosta. - M. Sc. thesis, Department of Biology, University of Turku. 50 pp.
- o Niemelä, P. 1976: Kasvi-herbivori suhteesta. Tunturimittarin ja tunturikoivun välinen vuorovaikutus. - Phil. Lic. thesis, Department of Biology, University of Turku. 73 pp.
- e Niemelä, P. 1979: Topographical delimitation of *Oporinia*-damages: experimental evidence of the effect of winter temperature. - Reports from the Kevo Subarctic Research Station 15: 33-36.

- e Niemelä, P. 1980: Dependence of *Oporinia autumnata* (Lep., Geometridae) outbreaks on summer temperature. - Reports from the Kevo Subarctic Research Station 16: 27-30.
- o Niemelä, P. 1983: Factors affecting species richness of foliage-chewing insects. - Phil. Doc. thesis, Reports from the Department of Biology, University of Turku 8. 18 pp + 7 app.
- e Niemelä, P. & Haukioja, E. 1982: Seasonal patterns in species richness of herbivores: Macrolepidopteran larvae on Finnish deciduous trees. - Ecological Entomology 7(2): 169-175.
- e Niemelä, P. & Laine, K.J. 1986: Green islands - predation not nutrition. - Oecologia 68: 476-478.
- k Niemelä, P. & Neuvonen, S. 1983: Tunturikoivun herbivorit ja talvi-ilmasto. - Oulanka Reports 4: 55-57.
- e Niemelä, P., Aro, E-M. & Haukioja, E. 1979: Birch leaves as a resource for herbivores. Damage-induced increase in leaf phenols with trypsin-inhibiting effects. - Reports from the Kevo Subarctic Research Station 15: 37-40.
- e Niemelä, P., Iso-Iivari, L., Laine, C. & Laine K. J. 1980: Food plant preference and larval growth of larval colour forms of *Entephria caesiata* (Schiff.) (Lep., Geometridae). - Reports from the Kevo Subarctic Research Station 16: 45-48.
- o Niemelä, P-R. 1979: Nuoren lohien ja taimenen kesäaikaisesta ravintoekologiasta Näättämojoen alueella. - M. Sc. thesis, Department of Biology, University of Turku. 75 + 13 pp.
- o Nilson, A. 1988: Tunturikoivun (*Betula pubescens* ssp. *tortuosa*) lehtien laadun vaihtelu ja sen merkitys tunturimittarille (*Epirrita autumnata*). - M. Sc. thesis, Department of Biology, University of Turku. 42 pp.
- s *Nivala, V. 1981: Vuoden 1981 kevätmuutto Lapin läänissä. - Kokko 4(3): 59-67.
- s *Nivala, V. & Punnonen, P. 1983: Kevätmuuttokatsaus 1982. - Kokko 6(1): 9-17.
- o Nokkala, C. 1989: Chromosomal polymorphisms and speciation in the chrysolimid *Galerucella nymphaeae* complex. - Phil. Doc. thesis, Department of Biology, University of Turku 22.
- e Nuorteva, P. 1963: The influence of *Oporinia autumnata* (Bkh.) (Lep., Geometridae) on the timber-line in subarctic conditions. - Annales Entomologici Fennici 29(4): 270-277.
- e Nuorteva, P. 1966: Leaf development and leaf pathogens on subarctic birches after a calamity of *Oporinia autumnata* (Bkh.) (Lep., Geometridae). - Annales Zoologici Fennici 4(4): 270-286.
- e Nuorteva, P. & Jussila, R. 1967: Seasonal and zonal distribution of Ichneumonidae (Hym.) on a subarctic fell during the calamity of the geometrid moth *Oporinia autumnata* (Bkh.) on birches. - Annales Entomologici Fennici 33(3): 155-163.
- e Nuorteva, P. & Jussila, R. 1969: Incidence of ichneumonids on a subarctic fell after a calamity of the geometrid moth *Oporinia autumnata* (Bkh.) on birches. - Annales Entomologici Fennici 35(3): 153-160.
- e Nybom, O. 1984: Trichoptera of Inari Lapland, with special reference to light trap material. - Kevo Notes 7: 59-66.
- o Nyyssönen, T. 1992: Hapansadetuksen ja lehtimassan poiston vaikutus tunturikoivun (*Betula pubescens* ssp. *tortuosa* (Ledeb.) Nyman) lisääntymiseen ja kasvuun luonnonpopulaatiossa. - M. Sc. thesis, Department of Biology, University of Turku. 45 + 10 pp.
- o Ojala, H. 1980: Tunturikoivun herbivorien ekologiset lokerot. - M. Sc. thesis, Department of Biology, University of Turku. 37 pp.
- o Ojala, M. 1976: Herbivorien vaikutuksesta koivunlehtikarikkeen hajoamisnopeuteen. - B. Sc. thesis, Department of Biology, University of Turku. 17 + 1 pp.
- o Ojala, M-L. 1978: Herbivorien merkitys koivunlehtikarikkeen hajoamisessa. - M. Sc. thesis, Department of Biology, University of Turku. 46 pp.
- s Oksala, I. 1969: *Arenaria interpres*. - Ornis Fennica 46(1): 34.
- s Oksala, I. 1969: *Hydroprogne caspia*. - Ornis Fennica 46(1): 35.
- o Oksanen, T. 1980: Pienten näättäeläinten saalistusstrategiat. - B. Sc. thesis, Department of Biology, University of Turku. 33 pp.
- o Osmonen, O. 1977: Mesipistiäisten merkitys hillan (*Rubus chamaemorus*) pölyttäjänä. - B. Sc. thesis, Department of Biology, University of Turku. 19 + 2 pp.
- o Osmonen, O. 1979: Suomuuraimen (*Rubus chamaemorus* L.) pölytyksestä ja pölyttäjistä. - M. Sc. thesis, Department of Biology, University of Turku. 39 + 13 pp.
- e Ossipov, V., Loponen, J., Ossipova, S., Haukioja, E. & Pihlaja, K. 1997: Gallotannins of birch *Betula pubescens* leaves: HPLC separation and quantification. - Biochemical Systematics and Ecology 25(6): 493-504.
- o Pakula, S. 1989: Tunturimittarin ja pohjanpistiäisen epäsuora kilpailu tunturikoivun laadun muutosten välityksellä. - M. Sc. thesis, Department of Biology, University of Turku. 55 + 3 pp.
- e Palokangas, P. & Neuvonen, S. 1992: Differences between species and instars of *Phratora* leaf beetles (Coleoptera, Chrysomelidae) in the probability of being preyed on. - Annales Zoologici Fennici 29(4): 273-278.
- s Palokangas, P., Neuvonen, S. & Haapala, S. 1992: Effect of host plants on growth and defence in two *Phratora* (Coleoptera: Chrysomelidae) species. - Proc. 8th Int. Symp. Insect-Plant Relationships, Dordrecht, pp. 343-344.
- e Palokangas, P., Neuvonen, S. & Haapala, S. 1995: The effects of simulated acid rain on growth and susceptibility to predation of *Phratora polaris* (Col., Chrysomelidae). - Environmental Pollution 89: 67-71.
- o Pautamo, J. 1992: Luttojoen taimenkantojen kalastus, nykytila ja kehittäminen. - Opinnäyte, Evon metsäoppilaitos.

- o Pennanen, T. 1998: Structure of the microbial communities in boreal coniferous forest humus exposed to heavy metals and changes in soil pH. - Phil. doc. thesis, Division of General Microbiology, Department of Biosciences, University of Helsinki, ** pp.
- e Pennanen, T., Fritze, H., Vanhala, P., Kiikkilä, O., Neuvonen, S. & Bååth, E. 1998: Structure of a microbial community in soil after prolonged addition of low levels of simulated acid rain. - Applied and Environmental Microbiology 64: 2173-2180.
- e Pennanen, T., Perkiömäki, J., Kiikkilä, O., Vanhala, P., Neuvonen, S. & Fritze, H. 1998: Prolonged, low-level simulated acid rain and heavy metal deposition: separated and combined effects on forest soil microbial community structure. - FEMS Microbiology Ecology 27: 291-300.
- e Petäjä, A. 1964: Depth charts of some lakes in Utsjoki, Finnish Lapland. - Reports from the Kevo Subarctic Research Station 1: 346-349.
- k Petäjä, A. & Vesanto, H. 1955: Pikahavaintoja nilviäisistä Pohjois-Suomessa. - Luonnon Tutkija 59(3): 90-93.
- s *Punnonen, P. 1980: Syysmuutto 1979 Lapissa. - Kokko 3(1): 9-13.
- s *Punnonen, P. 1981: Syysmuutto 1980 Lapissa. - Kokko 4(1): 9-17.
- s *Punnonen, P. 1984: Kevätmuutto 1983. - Kokko 7(2): 31-42.
- e Punttila, P., Koponen, S. & Saaristo, M. 1994: Colonisation of a burned mountain-birch forest by ants (Hymenoptera, Formicidae) in subarctic Finland. - Memorabilia Zoologica 48: 193-206.
- o Purho, A. 1968: Kevon seudun pikkunisäkkäistä. - M. Sc. thesis, Department of Biology, University of Turku. 55 pp.
- o Puttonen, H. 1990: Lohen (*Salmo salar*) poikasten populaatio- ja käyttäytymistutkimus Tenossa pintasukellusmenetelmällä. - Opinnäyte, VKTOL.
- e Rask, M., Holopainen, A-L., Karusalmi, A., Niinioja, R., Tammi, J., Arvola, L., Keskitalo, J., Blomqvist, I., Heinimaa, S., Karpainen, C., Salonen, K. & Sarvala, J. 1998: An introduction to the limnology of the Finnish Integrated Monitoring lakes. - Boreal Environment Research 3: 263-274.
- o Repka, S. 1991: Kokeellisen herbivorian vaikutus tunturikoivun (*Betula pubescens* ssp. *tortuosa*) kääpiöversojen menestymiseen. - M. Sc. thesis, Department of Biology, University of Turku. 28 + 7 pp.
- o Roine, R. 1984: Hieroglyfipirkon energiabudjetti hillakuoriaisen predaattorina. - M. Sc. thesis, Department of Biology, University of Turku. 47 + 11 pp.
- o Routio, I. 1990: Happosadetuksen ja mäntykirvojen (*Cinara pinea* ja *Schizolachnus pineti*) yhdysvaikutus männynntaimiin (*Pinus sylvestris*). - M. Sc. thesis, Department of Biology, University of Turku. 49 + 3 pp.
- o Ruohomäki, K. 1987: *Dineura virididorsata* (Hym., Tenthredinidae) sukupuolijakaumien ja toukkapainojen paikallinen vaihtelu. - M. Sc. thesis, Department of Biology, University of Turku. 40 + 2 pp.
- o Ruohomäki, K. 1991: Density fluctuation as a modifier of individuals and populations in *Epirrita autumnata*. - Phil. Doc. thesis, Reports from the Department of Biology, University of Turku 29. 21 pp + 5 app.
- e Ruohomäki, K. 1992: Wing size variation in *Epirrita autumnata* (Lep., Geometridae) in relation to larval density. - Oikos 63: 260-266.
- e Ruohomäki, K. 1994: Larval parasitism in outbreaking and non-outbreaking populations of *Epirrita autumnata* (Lepidoptera, Geometridae). - Entomologica Fennica 5: 27-34.
- e Ruohomäki, K. & Haukioja, E. 1992: Interpopulation differences in pupal size and fecundity are not associated with occurrence of outbreaks in *Epirrita autumnata* (Lepidoptera, Geometridae). - Ecological Entomology 17: 69-75.
- e Ruohomäki, K. & Haukioja, E. 1992: No evidence of genetic specialization to different natural host plants within or among populations of a polyphagous geometrid moth *Epirrita autumnata*. - Oikos 63: 267-272.
- e Ruohomäki, K., Hanhimäki, S. & Haukioja, E. 1993: Effects of egg size, laying order and larval density on performance of *Epirrita autumnata* (Lep., Geometridae). - Oikos 68: 61-66.
- e Ruohomäki, K., Hanhimäki, S., Haukioja, E., Iso-Iivari, L., Neuvonen, S., Niemelä, P. & Suomela, J. 1992: Variability in the efficacy of delayed inducible resistance in mountain birch. - Entomologia Experimentalis et Applicata 62: 107-115.
- e Ruohomäki, K., Haukioja, E., Walter, G. H. 1993: Resource quality and spatial variation in sex ratios of a free-living solitary sawfly, *Dineura virididorsata* (Hym., Tenthredinidae). - Oecologia 96: 420-425.
- e Ruohomäki, K., Kaitaniemi, P., Kozlov, M., Tammaru, T. & Haukioja, E. 1996: Density and performance of *Epirrita autumnata* (Lepidoptera: Geometridae) along three air pollution gradients in northern Europe. - Journal of Applied Ecology 33: 773-785.
- e Ruohomäki, K., Virtanen, T., Kaitaniemi, P. & Tammaru, T. 1997: Old mountain birches at high altitudes are prone to outbreaks of *Epirrita autumnata* (Lepidoptera: Geometridae). - Environmental Entomology 26(5): 1096-1104.
- e Ruohomäki, K., Haukioja, E., Repka, S. & Lehtilä, K. 1997: Leaf value: effects of damage to individual leaves on growth and reproduction of mountain birch shoots. - Ecology 78(7): 2105-2117.
- o Rutanen, I. 1960: Kovakuoriaisten esiintymisestä Kevojkilaakson rantabiotoopeilla. - M. Sc. thesis, Department of Biology, University of Turku. 82 pp + 45 maps.

- s Räsänen, T. 1964: Havaintoja Pohjois-Suomesta. - *Ornis Fennica* 41(2): 64-65.
- o Saikkonen, K. 1989: Happaman sadetuksen vaikutus männyn, ruskomäntypistiäisen ja tumamonisärmiöviruksen välisiin suhteisiin. - M. Sc. thesis, Department of Biology, University of Turku. 56 + 2 pp.
- o Saikkonen, K. 1994: Interactions among the European pine sawfly, its host and its natural enemies: consequences of environmental changes. - Phil. Doc. thesis, Reports from the Department of Biology, University of Turku 39. 19 pp. + 6 app.
- e Saikkonen, K. & Neuvonen, S. 1992: Simulated acid rain and the susceptibility of the European pine sawfly (*Neodiprion sertifer*) larvae to nuclear polyhedrosis virus. - *Proc. 8th Int. Symp. Insect-Plant Relationships*, Dordrecht, pp. 347-348.
- e Saikkonen, K. & Neuvonen, S. 1993: Effects of larval age and prolonged simulated acid rain on the susceptibility of European pine sawfly to virus infection. - *Oecologia* 95: 134-139.
- s Saikkonen, K. & Neuvonen, S. 1993: European pine sawfly and virus interactions. - In: Kozlov, M., Haukioja, E. & Yarmishko, V. (eds.): *Aerial Pollution in Kola Peninsula: Proceedings of the International Workshop, April 14-16, 1992, St. Petersburg. Apatity, 1993*, p. 374.
- e Saikkonen, K. & Neuvonen, S. 1993: European pine sawfly and microbial interactions mediated by the host plant. - In: Wagner, M. R. & Raffa, K. F. (eds.): *Sawfly Life History Adaptions to Woody Plants*. Academic Press, Orlando, pp. 431-450.
- e Saikkonen, K., Neuvonen, S. & Kainulainen, P. 1995: Oviposition and larval performance of European pine sawfly in relation to irrigation, simulated acid rain and resin acid concentration in Scots pine. - *Oikos* 74(2): 273-282.
- e Salemaa, H. 1984: Chromosomes of the freshwater amphipod *Gammarus lacustris* G. O. Sars. - *Reports from the Kevo Subarctic Research Station* 19: 77-80.
- o Santala, J. 1979: Etelä- ja pohjoissuomalainen koivu tunturimittarin (*Oporinia autumnata*) ravintokasvina. - M. Sc. thesis, Department of Biology, University of Turku. 53 pp.
- s *Saurola, P. 1972: Suomen kalasääsket v. 1971. - *Suomen Luonto* 31(2-3): 60-67.
- s *Saurola, P. 1973: Suomen kalasääsket v. 1972. - *Suomen Luonto* 32(2): 60-63.
- s *Saurola, P. 1974: Suomen sääsket v. 1973. - *Suomen Luonto* 33(2): 96-99.
- s *Saurola, P. 1975: Suomen sääsket v. 1974. - *Suomen Luonto* 34(2): 85-87.
- s *Saurola, P. 1976: Suomen sääsket v. 1975. - *Suomen Luonto* 35(2): 86-88.
- s *Saurola, P. 1977: Suomen sääsket v. 1976. - *Suomen Luonto* 36(3): 247-249.
- s *Saurola, P. 1986: Viisitoista vuotta Suomen sääksikannan seurantaa. - *Lintumies* 21(2): 66-80.
- e Savolainen, E. & Saaristo, M. 1984: Ephemeroptera of Inari Lapland. - *Kevo Notes* 7: 23-29.
- o Schmidt, S. 1995: Zur Biologie und Taxonomie der nordeuropäischen Arten des *Amauronematus fallax* (Lep.)-Komplexes (Hymenoptera, Symphyta). - Phil. Doc. thesis, University of Hamburg. 157 pp.
- e Schmidt, S. & Walter, G. H. 1995: Description of *Dineura pullior* sp. n. (Hymenoptera: Tenthredinidae), with quantified observations on saw wear. - *Entomologica Scandinavica* 26(4): 385-392.
- e Senn, J. & Haukioja, E. 1994: Reactions of the mountain birch to bud removal: effects of severity and timing, and implications for herbivores. - *Functional Ecology* 8: 494-501.
- e Senn, J., Hanhimäki, S. & Haukioja, E. 1992: Among-tree variation in leaf phenology and morphology and its correlation with insect performance in the mountain birch. - *Oikos* 63: 215-222.
- s Seppälä, M. 1969: *Larus marinus*. - *Ornis Fennica* 46(1): 34.
- o Seppälä, P-L. 1975: Primaariproduktion ja sekundaariproduktion välisestä suhteesta Kevolla ja muualla. - B. Sc. thesis, Department of Biology, University of Turku. 27 pp.
- o Seppälä, P-L. 1979: Energiasuhteet ja kasvustrategiat tunturikoivua (*Betula pubescens* ssp. *tortuosa*) syövilällä perhos- ja pistiäistoukilla. - M. Sc. thesis, Department of Biology, University of Turku. 94 pp.
- e Siitonen, O. 1984: Tipuloidea (Diptera) of Inari Lapland. - *Kevo Notes* 7: 67-69.
- o Silvola, T. 1955: Kevojoen kanjonin linnusto etupäässä kesällä 1955 suoritettujen kvantitatiivisten tutkimusten valossa. - M. Sc. thesis, Department of Biology, University of Turku. 54 + 7 pp.
- s Silvola, T. 1955: Lintuhavainnot Utsjoelta (InL.). - *Luonnon Tutkija* 59(5): 151-152.
- s Silvola, T. 1956: Lintuhavainnot Kevojoelta (InL.). - *Luonnon Tutkija* 60(5): 154.
- s Silvola, T. 1958: Jalohaukka, *Falco peregrinus*, pyydystännyt kaloja. - *Ornis Fennica* 35(2-3): 123.
- s Silvola, T. 1958: Kanahaukka, *Accipiter gentilis*, käyttänyt kasviravintoa. - *Ornis Fennica* 35(2-3): 123.
- k Silvola, T. 1959: Lintutietoja Pohjois-Suomesta heinäkuussa 1958 ja 1959. - *Ornis Fennica* 36(3-4): 111-112.
- e Silvola, T. 1964: On the land molluscs of the Kevojoen river valley in Finnish Lapland. - *Reports from the Kevo Subarctic Research Station* 1: 250-268.
- e Silvola, T. 1966: Quantitative observations on the bird fauna in the fjeld area of Paistunturit (InL) in summer 1960 and 1964. - *Ornis Fennica* 43(2): 60-70.

- e Silvola, T. 1966: Quantitative observations on the avifauna of the Kevojoki river valley. - Reports from the Kevo Subarctic Research Station 3: 261-273.
- k Silvola, T. 1967: Tunturimittarin joukkoesiintymisen vaikutuksesta linnustoon Utsjoella 1964-1966. - *Ornis Fennica* 44(3): 65-67.
- o Silvola, T. 1967: Kevojokilaakson metsien linnustosta vv. 1955-1964. - Phil. Lic. thesis, Department of Biology, University of Turku. 126 pp.
- o Sirén, Seija 1986: Fenolien merkitys lehtipuiden herbivoriresistenssissä. - M. Sc. thesis, Department of Biology, University of Turku. 26 pp + 6 app.
- e Soldán, T. 1981: The mayflies (Ephemeroptera) of Utsjoki, northernmost Finland. - Reports from the Kevo Subarctic Research Station 17: 81-85.
- e Solhøy, T. & Koponen, S. 1981: Oribatei fauna (Acari) on alpine heath at Kevo, Finland. - Reports from the Kevo Subarctic Research Station 17: 41-43.
- o Suomela, J. 1984: Tunturikoivu tunturimittarin ravintona: Miten defoliointi ja perhostoukkien ulosteet vaikuttavat lehtien laatuun? - M. Sc. thesis, Department of Biology, University of Turku. 67 pp.
- o Suomela, J. 1991: Tunturikoivu tunturimittarin ravintona: puun sisäinen ja puiden välinen vaihtelu. - Phil. Lic. thesis, Department of Biology, University of Turku. 25 pp + 3 app.
- o Suomela, J. 1995: Variation in food plant quality for herbivores: differences within trees, among trees, among sites and between tree species. - Phil. Doc. thesis, Reports from the Department of Biology, University of Turku 46. 20 pp + 5 app.
- e Suomela, J. 1996: Within-tree variability of mountain birch leaves causes variation in performance for *Epirrita autumnata* larvae. - *Vegetatio* 127: 77-83.
- e Suomela, J. & Ayres, M. P. 1994: Within-tree and among-tree variation in leaf characteristics of mountain birch and its implications for herbivory. - *Oikos* 70(2): 212-222.
- e Suomela, J. & Neuvonen, S. 1997: Effects of long-term simulated acid rain on suitability of mountain birch for *Epirrita autumnata* (Geometridae). - *Canadian Journal of Forest Research* 27(2): 248-256.
- e Suomela, J. & Nilson, A. 1994: Within-tree and among-tree variation in growth of *Epirrita autumnata* on mountain birch leaves. - *Ecological Entomology* 19: 45-56.
- s Suomela, J. & Palokangas, P. 1993: Effects of aerial pollutants on plant quality for small northern mammalian herbivores. - In: Kozlov, M., Haukioja, E. & Yarmishko, V. (eds.): *Aerial Pollution in Kola Peninsula: Proceedings of the International Workshop, April 14-16, 1992, St. Petersburg. Apatity, 1993*, p. 377.
- e Suomela, J., Kaitaniemi, P. & Nilson, A. 1995: Systematic within-tree variation in mountain birch leaf quality for a geometrid, *Epirrita autumnata*. - *Ecological Entomology* 20(3): 283-292.
- e Suomela, J., Ossipov, V. & Haukioja, E. 1995: Variation among and within mountain birch trees in foliage phenols, carbohydrates and amino acids, and in growth of *Epirrita autumnata* larvae. - *Journal of Chemical Ecology* 21(10): 1421-1446.
- e Suomela, J., Suominen, O. & Törvi, M. 1997: Variation in quality of mountain birch and tea-leaved willow for mammal and insect herbivores: differences among trees, among sites and between tree species. - *Ecography* 20: 224-232.
- e Suomela, J., Neuvonen, S., Ossipova, S., Ossipov, V. & Pihlaja, K. 1998: A long-term study of the effects of simulated acid rain on the phenolics of birch foliage. - *Chemosphere* 36: 639-644.
- s Suominen, O., Kojola, I. & Niemelä, P. 1998: Poron vaikutus metsänpohjan selkärangattomiin. - Teoksessa: Hyppönen, M., Penttilä, T. & Poikajärvi, H. (toim.). *Poron vaikutus metsä- ja tunturiluontoon. Tutkimusseminaari Hetassa 1997. - Metsäntutkimuslaitoksen tiedonantoja* 678: 9-19.
- o Tammaru, T. 1997: Size and time for a geometrid moth: evolutionary forces and consequences to population dynamics. - Phil. Doc. thesis, *Annales Universitatis Turkuensis Ser. A II*, 97: 21 pp + 6 app.
- e Tammaru, T. 1998: Determination of adult size in a folivorous moth: constraints at instar level? - *Ecological Entomology* 23: 80-89.
- e Tammaru, T. & Haukioja, E. 1996: Capital breeders and income breeders among Lepidoptera - consequences to population dynamics. - *Oikos* 77(3): 561-564.
- e Tammaru, T., Kaitaniemi, P. & Ruohomäki, K. 1995: Oviposition choices of *Epirrita autumnata* (Lepidoptera: Geometridae) in relation to its eruptive population dynamics. - *Oikos* 74(2): 296-304.
- e Tammaru, T., Kaitaniemi, P. & Ruohomäki, K. 1996: Realized fecundity in *Epirrita autumnata* (Lepidoptera: Geometridae): relation to body size and consequences to population dynamics. - *Oikos* 77(3): 407-416.
- e Tammaru, T., Ruohomäki, K. & Saikkonen, K. 1996: Components of male fitness in relation to body size in *Epirrita autumnata* (Lepidoptera, Geometridae). - *Ecological Entomology* 21: 185-192.
- k Tammaru, T., Viidalepp, J. & Pedmanson, R. 1994: Horisme aemulata (Hübner, 1813) (Geometridae) tavattu Utsjoelta - mistä se oli peräisin? - *Baptria* 19(2): 64-68.
- k Tammaru, T., Virtanen, T. & Ruohomäki, K. 1996: *Eupithecia veratraria* (Geometridae) Pohjois-Norjassa. - *Baptria* 21(3): 123-126.
- e Tammaru, T., Virtanen, T., Ruohomäki, K. & Kaila, L. 1996: *Eupithecia veratraria* Herrich-Schäffer, 1850 new to Scandinavia, with the redescription of *E. veratraria* ssp. *arctica* Viidalepp, 1974 (Lepidoptera, Geometridae). - *Nota lepid.* 18(3/4): 297-303.
- o Tanhuanpää, M. 1997: Tunturikoivun (*Betula pubescens* ssp. *czerepanovii*) resistenssin vaihtelu. - M. Sc. Thesis, Department of Biology, University of Turku. 38 pp.
- k Tenovuo, R. 1960: Lintuhavaintoja Inarinjärven ympäristöstä. - *Luonnon Tutkija* 64(4): 111-113.
- e Terhivuo, J. 1984: Lumbriidae (Oligochaeta) of Inari Lapland. - *Kevo Notes* 7: 11-14.
- k Tuomi, J. 1977: Puolustautuvatko kasvit kasvinsyöjiä vastaan? - *Luonnon Tutkija* 81(2): 33-39.

- e Tuomi, J. & Haukioja, E. 1979: An analysis of natural selection in models of life-history evolution. - *Savonia* 3: 9-16.
- e Tuomi, J. & Haukioja, E. 1979: Predictability of the theory of natural selection: An analysis of the structure of the Darwinian theory. - *Savonia* 3: 1-8.
- e Tuomi, J. & Vuorisalo, T. 1989: Hierarchical selection in modular organisms. - *Trends Evol. Ecol.* 4: 209-213.
- s Tuomi, J., Niemelä, P. & Fagerström, T. 1988: Carbon allocation, phenotypic plasticity and induced defences. - *Procs. XIII Internat. Congr. of Entomology*. Vancouver, B.C., Canada, July 3 to 9, 1988. p 165.
- e Tuomi, J., Vuorisalo, T., Niemelä, P. & Haukioja, E. 1989: Effects of localized defoliations on female inflorescences in mountain birch, *Betula pubescens* ssp. *tortuosa*. - *Canadian Journal of Botany* 67(2): 334-338.
- e Tuomi, J., Niemelä, P., Chapin, F. S. III, Bryant, J. P. & Sirén, S. 1988: Defensive responses of trees in relation to their carbon/nutrient balance. - In: Mattson, W. J., Levieux, J. & Bernard-Dagan, C. (eds.): *Mechanisms of woody plant defenses against insects. Search for pattern*. Springer-Verlag, New York. Pp 57-72.
- e Tuomi, J., Niemelä, P., Haukioja, E., Sirén, S. & Neuvonen, S. 1984: Nutrient stress: an explanation for plant anti-herbivore responses to defoliation. - *Oecologia* 61: 208-210.
- e Tuomi, J., Niemelä, P., Jussila, I., Vuorisalo, T. & Jormalainen, V. 1989: Delayed budbreak: A defensive response of mountain birch to early season defoliation? - *Oikos* 54(1): 87-91.
- e Tuomi, J., Niemelä, P., Rousi, M., Sirén, S. & Vuorisalo, T. 1988: Induced accumulation of foliage phenols in mountain birch: branch response to defoliation? - *American Naturalist* 132(4): 602-608.
- e Tuomi, J., Vuorisalo, T., Niemelä, P., Nisula, S. & Jormalainen, V. 1988: Localized effects of branch defoliation on weight gain of female inflorescences in *Betula pubescens*. - *Oikos* 51(3): 327-330.
- o Tuominen, L. J. 1967: Punakylkirastaan, *Turdus iliacus*, kirjosiëpon, *Ficedula hypoleuca*, uunilinnun, *Phylloscopus trochilus* ja jãrriëipon, *Fringilla montifringilla*, vuorokautinen laulurytmi jatkuvassa pãivãnvalossa. - B. Sc. thesis, Department of Biology, University of Turku. 25 pp.
- o Tuominen, L. J. 1969: Kirjosiëpon, *Ficedula hypoleuca*, ruokinta-aktiviteetin riippuvuus ravinnon vuorokausirytmistã. - M. Sc. thesis, Department of Biology, University of Turku. 28 pp + app.
- O Tuomivuo, J. 1997: Keinotekoisien raskasmetallilaskeuman ja happaman laskeuman vaikutus *Phratora polaris*-lehtikuoriaisen kasvuun ja puolustautumiskykyyn. - M. Sc. Thesis, Department of Biology, University of Turku. 27 pp.
- o Tõrvi, M. 1994: Ilmansaasteiden vaikutukset harmaakuvemyyrãn (*Clethrionomys rufocanus*) ravinnonvalintaan. - M. Sc. thesis, Department of Biology, University of Turku. 35 + 1 pp.
- e Utrio, P. 1984: *Culicidae* (Diptera) of Inari Lapland. - *Kevo Notes* 7: 71-74.
- s Uusi-Honko, M. 1958: Myrskylintu, *Fulmarus glacialis* L., Utsjoen Mantojãrvellã (InL). - *Luonnon Tutkija* 62(2): 55-56.
- o Uusi-Honko, M. 1960: Piirteitã Utsjoen vesiperhosista (Trichoptera). - M. Sc. thesis, Department of Biology, University of Turku. 33 pp.
- o Vaajala, M. 1985: Tenojoen veden laadun vaikutuksista lohien nousuun. - Opinnãyte, VKTOL.
- o Vainio, E. 1995: Geneettisen taustan, koiraiden vãlisen kilpailun ja ravintotilanteen vaikutus pohjanpistiãisen (*Dineura virididorsata*, Hymenoptera, Tenthredinidae) sukupuolijakaumaan. - M. Soc. thesis, Department of Biology, University of Turku. 38 pp.
- e Walter, G. H., Ruohomãki, K., Haukioja, E. & Vainio, E. 1994: Reproductive behaviour of mated and virgin females of a solitary sawfly *Dineura virididorsata*. - *Entomologia Experimentalis et Applicata* 70: 83-90.
- e Vanhala, P., Kapanen, A., Fritze, H. & Niemi, R. M. 1998: Microbial activity and biomass in four Finnish coniferous forest soils - spatial variability and effect of heavy metals. - *Boreal Environment Research* 3: 287-295.
- o Veistola, S. 1989: Sããolojen vaikutus neljãn põntõissã pesivãn varpuslintulajin pesimãmenestykseen Inarin Lapissa. - M. Sc. thesis, Department of Biology, University of Turku. 40 pp.
- o Veistola, S. 1997: The effects of food and weather conditions on the breeding of hole-nesting passerines in the north. - *Phil. Doc. thesis, Annales Universitatis Turkuensis Ser. A II*, 94: 9 pp + 7 app.
- e Veistola, S., Eeva, T. & Lehikoinen, E. 1995: Seasonal occurrence of arthropods as a source of food for birds in Finnish Lapland. - *Entomologica Fennica* 6: 177-181.
- e Veistola, S., Lehikoinen, E. & Iso-Iivari, L. 1995: Breeding biology of the great tit *Parus major* in a marginal population in northernmost Finland. - *Ardea* 83(2): 419-420.
- e Veistola, S., Lehikoinen, E. & Eeva, T. 1997: Foraging niches of two passerines at their subarctic limit of distribution: the Siberian Tit *Parus cinctus* and the Pied Flycatcher *Ficedula hypoleuca*. - *Ornis Fennica* 74(2): 79-87.
- e Veistola, S., Lehikoinen, E. & Eeva, T. 1997: Weather and breeding success at high latitudes - the Pied Flycatcher *Ficedula hypoleuca* and the Siberian Tit *Parus cinctus*. - *Ornis Fennica* 74(2): 89-98.
- e Veistola, S., Lehikoinen, E., Eeva, T. & Iso-Iivari, L. 1996: The breeding biology of the redstart *Phoenicurus phoenicurus* in a marginal area of Finland. - *Bird Study* 43: 351-355.
- e Vepsãlãinen, K., Pisarski, B., Kantorek, R. & Laine, K. J. 1984: *Formicidae* (Hymenoptera) of Inari Lapland. - *Kevo Notes* 7: 115-116.

- e Vesanen, E. 1964: An outline of the development of the seismograph station network and of the study of the seismicity of the Baltic Shield. - Reports from the Kevo Subarctic Research Station 1: 350-356.
- s Vieno, M., Komulainen, M. & Neuvonen, S. 1993: Seed bank composition in subarctic pine-birch forest in Finnish Lapland: Natural variation and effect of simulated acid rain. - In: Kozlov, M., Haukioja, E. & Yarmishko, V. (eds.): Aerial Pollution in Kola Peninsula: Proc. of the Int. Workshop, April 14-16, 1992, St. Petersburg. Apatity, 1993, p. 361.
- e Vieno, M., Komulainen, M. & Neuvonen, S. 1993: Seed bank composition in subarctic pine-birch forest in Finnish Lapland: natural variation and the effect of simulated acid rain. - Canadian Journal of Botany 71: 379-384.
- o Virtanen, T. 1993: Happosadetuksen, raskasmetallien ja typpilannoituksen vaikutus oksakirvojen (*Cinara pinea* Mordv.) menestymiseen männyllä (*Pinus sylvestris* L.). - M. Sc. thesis, Department of Biology, University of Turku. 37 + 1 pp.
- s Virtanen, T. 1994: Kirvojen vaikutuksista surmakan infektoitumiseen. - Joensuun yliopisto, Metsätieteellinen tiedekunta, Tiedonantoja 12: 73-77.
- e Virtanen, T., Ranta, H. & Neuvonen, S. 1997: Shoot-feeding aphids promote development of *Gremmeniella abietina*, the fungal pathogen causing Scleroderris canker disease in conifers. - Journal of Phytopathology 145: 245-251.
- e Virtanen, T., Neuvonen, S. & Nikula, A. 1998: Modelling topoclimatic patterns of egg mortality of *Epirrita autumnata* (Lep., Geometridae) with Geographical Information System: predictions in current climate and in scenarios with warmer climate. - Journal of Applied Ecology 35: 311-322.
- k Virtanen, T., Neuvonen, S., Nikula, A. & Ranta, H. 1995: Epäpuhtauksien, hyönteisten ja versosurman väliset yhteydet. - In: Tikkanen, E. (ed.): Kuolan saastepäästöt Lapin metsien rasitteena. Gummerus, pp. 156-158.
- e Virtanen, T., Neuvonen, S., Nikula, A., Varama, M. & Niemelä, P. 1996: Climate change and the risks of *Neodiprion sertifer* outbreaks on Scots pine. - *Silva Fennica* 30(2-3): 169-177.
- e Workman, C. 1979: Life cycles, growth rates and reproductive effort in lycosid and other spiders. - Reports from the Kevo Subarctic Research Station 15: 48-55.
- e Vuorimies, J. 1984: Siphonaptera of Inari Lapland. - Kevo Notes 7: 79-81.
- e Zobel, K., Moora, M., Brown, V., Niemelä, P. & Zobel, M. 1997: Secondary succession and summer herbivory in a subarctic grassland: community structure and diversity. - *Ecography* 20: 595-604.
- e Zhu, J. W., Löfstedt, C., Philipp, P., Francke, W., Tammaru, T. & Haukioja E. 1995: A sex pheromone component novel to the Geometridae identified from *Epirrita autumnata*. - *Entomologia Experimentalis et Applicata* 75: 159-164.
- e Zvereva, E. L., Kozlov, M. V. & Neuvonen, S. 1995: Population density and performance of *Melasoma lapponica* (Coleoptera: Chrysomelidae) in surroundings of smelter complex. - *Environmental Entomology* 24(3): 707-715.
- e Zvereva, E. L., Kozlov, M. V. & Neuvonen, S. 1995: Decrease in feeding niche breadth of *Melasoma lapponica* (Coleoptera: Chrysomelidae) with increase in pollution. - *Oecologia* 104: 323-329.
- o Aalto, E. 1974: Defolioinnin vaikutus tunturikoivuun. - B. Sc. thesis, Department of Biology, University of Turku. 25 pp.
- o Aalto, E. 1977: Defolioinnin vaikutus koivuun. - M. Sc. thesis, Department of Biology, University of Turku. ** pp.
- e Aartolahti, T. 1966: Über die Einwanderung und die Verhäufung der Fichte in Finnland. - *Annales Botanici Fennici* 3(3): 368-379.
- e Ahlholm, J. U., Helander, M. L. & Savolainen, J. 1998: Genetic and environmental factors affecting the allergenicity of birch (*Betula pubescens* ssp. *czerepanovii* [Orl.] Hämet-Ahti) pollen. - *Clinical and Experimental Allergy* 28: 1384-1388.
- o Aho, J. 1991: Inarin Lapin vuoden 1965 koivutuholueiden kasvillisuudesta. - M. Sc. thesis, Department of Biology, University of Turku. 68 + 1 pp.
- o Aho, J. 1993: Koivu metsänrajapuuna. - B. Sc. thesis, Department of Biology, University of Turku. 23 pp.
- e Ahti, T. 1961: The open boreal woodland subzone and its relation to reindeer husbandry. - *Archivum Societatis Zoologicae Botanicae Fennicae Vanamo* 16 suppl.: 91-93.
- k Ahti, T. 1978: Jäkäläinen Lappi. - *Acta Lapponica Fenniae* 10: 64-68.
- e Ahti, T., Laine, U. & Vitikainen, O. 1974: A preliminary checklist of lichens in Inari Lapland, Finland. - *Mim.*, University of Turku Herbarium. 29 pp.
- o Aikio, K. 1985: Pohjanvariksenmarjan (*Empetrum hermaphroditum*) ekologisista strategioista Utsjoen Kevolla. - M. Sc. thesis, Department of Biology, University of Turku. 88 pp.
- o Alanen, M. 1989: Hillan (*Rubus chamaemorus* L.) emi- ja hedekasvien eroavaisuuksista verso- ja yksilöpopulaatioissa Utsjoella ja Pohjois-Norjassa. - Phil. Lic. thesis, Department of Biology, University of Turku. 108 pp + 12 tables.
- e Alexander, V. & Kallio, S. 1976: Nitrogenase activity in *Peltigera aphthosa* and *Stereocaulon paschale* in early spring. - Reports from the Kevo Subarctic Research Station 13: 12-15.
- k Arimo, M. 1963: Tunturikoivun korkeuden aleneminen metsänrajaa lähestyttäessä Utsjoen Karigasnjarga-Ailigaksella. - *Luonnon Tutkija* 67(5): 182-183.
- o Aro, E-M. 1982: Molecular components of the thylakoid membranes and the chloroplast ultrastructure in some bryophytes. - Phil. Doc. thesis, Reports from the Department of Biology, University of Turku 7.

- s Atlas Florae Europaeae. Distribution of vascular plants in Europe. 1. Pteridophyta (Psilotaceae to Azollaceae). (ed. J. Jalas & J. Suominen). Helsinki 1972. 121 pp.
- s Atlas Florae Europaeae. Distribution of vascular plants in Europe. 2. Gymnospermae (Pinaceae to Ephedraceae). (ed. J. Jalas & J. Suominen). Helsinki 1973. 40 pp.
- s Atlas Florae Europaeae. Distribution of vascular plants in Europe. 3. Salicaceae to Balanophoraceae. (ed. J. Jalas & J. Suominen). Helsinki 1976, 128 pp.
- s Atlas Florae Europaeae. Distribution of vascular plants in Europe. 4. Polygonaceae. (ed. J. Jalas & J. Suominen). Helsinki 1979, 71 pp.
- s Atlas Florae Europaeae. Distribution of vascular plants in Europe. 5. Chenopodiaceae to Basellaceae. (ed. J. Jalas & J. Suominen). Helsinki 1980, 119 pp.
- s Atlas Florae Europaeae. Distribution of vascular plants in Europe. 6. Caryophyllaceae (Alsinoideae and Paronychioideae). (ed. J. Jalas & J. Suominen). Helsinki 1983, 176 pp.
- e Aurela, A. & Punkkinen, R. 1981: Atmospheric nitrogen dioxide and northern plants. - Reports from the Kevo Subarctic Research Station 17: 1-6.
- e Baker, J. 1974: A comparison of the microbiology of four soils in Finnish Lapland. - *Oikos* 25(2): 209-215.
- e Barr, M. E. 1974: The Cucurbitaria sorbi Karsten species complex. - Reports from the Kevo Subarctic Research Station 11: 12-15.
- e Berg, B., Kärenlampi, L. & Veum, A. K. 1975: Comparisons of decomposition rates measured by means of cellulose. - In: Wielgolaski, F. E. (ed.): Fennoscandian tundra ecosystems. Part 1. Springer Verlag. Ecological Studies 16: 261-267.
- e Berg, B., Ewertsson, A., Ferenczi, J., Holm, B., Jansson, P-E., Meentemeyer, V., Nyman, P., Staaf, H. & Staaf, I. 1986: Data on needle litter decomposition and soil climate as well as site characteristics for some coniferous forest sites. - Department of Ecology and Environmental Research, Swedish University of Agricultural Sciences, Report 22: 1-386.
- e Berg, B., Booltink, H., Breymeyer, A., Ewertsson, A., Gallardo, A., Holm, B., Johansson, M-B., Koivuoja, S., Meentemeyer, V., Nyman, P., Olofsson, J., Pettersson, A-S., Reurslag, A., Staaf, H., Staaf, I. & Uba, L. 1991: Data on needle litter decomposition and soil climate as well as site characteristics for some coniferous forest sites. Part 1. Site characteristics. 2nd ed. - Department of Ecology and Environmental Research, Swedish University of Agricultural Sciences, Report 41.
- e Berg, B., Booltink, H., Breymeyer, A., Ewertsson, A., Gallardo, A., Holm, B., Johansson, M-B., Koivuoja, S., Meentemeyer, V., Nyman, P., Olofsson, J., Pettersson, A-S., Reurslag, A., Staaf, H., Staaf, I. & Uba, L. 1991: Data on needle litter decomposition and soil climate as well as site characteristics for some coniferous forest sites. Part 2. Decomposition data. 2nd ed. - Department of Ecology and Environmental Research, Swedish University of Agricultural Sciences, Report 42.
- e Berg, B., Jansson, P-E., Olofsson, J. & Reurslag, A. 1991: Climatic influence on decomposition of Scots pine needle litter along a NW European transect. - Department of Ecology and Environmental Research, Swedish University of Agricultural Sciences, Report 46: 1-386.
- e Berg, B., Berg, M. P., Bottner, P., Box, E., Breymeyer, A., Calvo de Anta, R., Couteaux, M., Escudero, A., Gallardo, A., Kratz, W., Madeira, M., Mälkönen, E., McClaugherty, C., Meentemeyer, V., Munoz, F., Piussi, P., Remacle, J. & Virzo De Santo, A. 1993: Litter mass loss rates in pine forests of Europe and Eastern United States: some relationships with climate and litter quality. - *Biogeochemistry* 20: 127-159.
- s Berg, B., Berg, M. P., Box, E., Bottner, P., Breymeyer, A., Calvo de Anta, R., Couteaux, M-M., Gallardo, A., Escudero, A., Kratz, W., Madeira, M., McClaugherty, C., Meentemeyer, V., Munoz, F., Piussi, P., Remacle, J. & Virzo De Santo, A. 1993: Litter mass loss in pine forests of Europe: relationships with climate and litter quality. - Institute of geography and spatial organization, Polish Academy of Sciences, Conference papers 18: 81-109.
- e Berg, B., Calvo de Anta, R., Escudero, A., Gärdenäs, A., Johansson, M-B., Laskowski, R., Madeira, M., Mälkönen, E., McClaugherty, C., Meentemeyer, V. & Virzo De Santo, A. 1995: The chemical composition of newly shed needle litter of Scots pine and some other pine species in a climatic transect. X Long-term decomposition in a Scots pine forest. - *Canadian Journal of Botany* 73: 1423-1435.
- e Bunnell, F. L., Kärenlampi, L. & Russell, D. E. 1972: A simulation model of lichen-Rangifer interactions in Northern Finland. - Reports from the Kevo Subarctic Research Station 10: 1-8.
- e Bäck, J., Neuvonen, S. & Huttunen, S. 1994: Pine needle growth and fine structure after prolonged acid rain treatment in the subarctic. - *Plant, Cell and Environment* 17: 1009-1021.
- s Crittenden, P. D. 1983: The role of lichens in the nitrogen economy of subarctic woodlands: nitrogen loss from the nitrogen-fixing lichen *Stereocaulon paschale* during rainfall. - In: Lee, J. A., McNeill, S. & Rorison, I. H. (eds.): Nitrogen as an ecological factor. The 22nd Symposium of the British Ecological Society, Oxford 1981. pp 43-68.
- e Ecology of the subarctic regions. - Proceedings of the Helsinki Symposium 1966. Unesco, Paris. 364 pp.
- s Elamo, P., Saloniemi, I., Helander, M. & Neuvonen, S. 1998: Genetic and environmental variation in susceptibility of mature mountain birch trees to leaf rust. - Proc. First IUFRO Rusts of Forest Trees WP Conf., 2-7 Aug. 1998, Saariselkä, Finland. - Finnish Forest Research Institute, Research Papers 712: 137.
- e Eriksson, J. & Strid, Å. 1969: Studies in the Aphyllophorales (Basidiomycetes) of northern Finland. - Reports from the Kevo Subarctic Research Station 4: 112-158.
- s Finne, A-K. 1970: Kuusen pohjoinen metsänraja ja sen pohjoispuoliset kuusiesiintymät. - Manuscript in the archives of the Institute of Silviculture. Helsinki. 50 pp.
- e Forsén, K. 1979: Aroma constituents of *Angelica archangelica*. Variations in the composition of the essential root oil of strains of var. *norvegica* and var. *sativa*. - Reports from the Kevo Subarctic Research Station 15: 1-7.
- o Haapanen, U. 1990: Happaman sadetuksen vaikutukset männyn (*Pinus sylvestris* L.) ektomykorritsaan. - M. Sc. thesis, Department of Biology, University of Turku. 42 pp.

- o Hakala, K. 1983: Tunturikynsisammalen vararavintolipidien aineenvaihdunnasta. - M. Sc. thesis, Department of Biology, University of Turku. 110 pp + 4 app.
- o Hakala, K. 1986: Lipidien merkitys *Dicranum elongatum* sopeutumisessa pohjoisiin oloihin. - Phil. Lic. thesis, Department of Biology, University of Turku. 60 pp.
- s Hakala, K. & Heino, S. 1985: Seasonal variation in the glycolipid composition of *Dicranum elongatum*. - The 14th Congress of the Scandinavian Society for Plant Physiology, Ljungskile, Sweden 12-17 August 1986. pp. 136.
- e Hakala, K., Heino, S. & Karunen, P. 1987: Seasonal variation in photosynthesis and membrane lipid composition in *Dicranum elongatum*. - Life Science Advances 6: 251-254.
- e Hakulinen, R. 1964: Beobachtungen über die Flechtenflora und Flechtenvegetation von Utsjoki, Nordfinnland. - Reports from the Kevo Subarctic Research Station 1: 132-139.
- e Hakulinen, R. & Ulvinen, T. 1966: *Asahinea chrysantha* (Tuck.) Culb. et Culb. in Fennoskandien. - Reports from the Kevo Subarctic Research Station 3: 101-105.
- o Hallikainen, V. 1982: Koivun tunturimittarituhojen ja ilmaston vaihtelujen vaikutus katajan kasvuun ja kehitykseen Lapissa. - M. Sc. thesis, Department of Forestry*, University of Helsinki. 113 + 4 pp.
- e Heal, O. W. (ed.) 1971: Tundra Biome Working meeting on analysis of ecosystems, Kevo, Finland, Sept. 1970. 295 pp.
- e Heikkilä, H. & Kallio, P. 1966: On the problem of subarctic basidiolichens I. - Reports from the Kevo Subarctic Research Station 3: 48-74.
- e Heikkilä, H. & Kallio, P. 1969: On the problem of subarctic basidiolichens II. - Reports from the Kevo Subarctic Research Station 4: 90-97.
- o Heikkinen, R. K. 1984: Abioottisten perustekijöiden vaikutus tunturikasvillisuuteen Utsjoella - Finnmarksfylken itäosassa. - B. Sc. thesis, Department of Biology, University of Turku. 53 + 9 pp.
- o Heikkinen, R. K. 1986: Kevon luonnonpuiston kasvillisuudesta. - M. Sc. thesis, Department of Biology, University of Turku. 153 + 1 pp.
- e Heikkinen, R. K. 1996: Predicting patterns of vascular plant species richness with composite variables: a meso-scale study in Finnish Lapland. - Vegetatio 126: 151-165.
- o Heikkinen, R. K. 1997: Patterns of species richness and distributions of vascular plant species at the mesoscale in the Kevo nature reserve, Northern Finland. - Phil. Doc. thesis, Annales Universitatis Turkuensis Ser. A II, 96: 28 pp + 5 app.
- e Heikkinen, R. K. & Birks, H. J. B. 1996: Spatial and environmental components of variation in the distribution patterns of subarctic plant species at Kevo, N Finland - a case study at the meso-scale level. - Ecography 19(3): 341-351.
- e Heikkinen, R. K. & Kalliola, R. J. 1989: Vegetation types and map of the Kevo nature reserve, northernmost Finland. - Kevo Notes 8: 1-39.
- e Heikkinen, R. K. & Kalliola, R. J. 1990: The vascular plants of the Kevo Nature Reserve (Finland); an ecological-environmental approach. - Kevo Notes 9: 1-56.
- e Heikkinen, R. K. & Neuvonen, S. 1997: Species richness of vascular plants in the subarctic landscape of northern Finland: modelling relationships to the environment. - Biodiversity and Conservation 6: 1181-1201.
- k Heino, S. 1995: Lehteentulon ja ruskaantumisen vuotuinen vaihtelu pohjoisella metsänrajalla. - Metsäntutkimuslaitoksen tiedonantoja 552: 62-68.
- s Heino, S. & Karunen, P. 1985: Seasonal variation of net photosynthesis and galactolipids in *Dicranum elongatum*. - In: Kaurin, Å., Junttila, O. & Nielsén, J. (eds.): Plant production in the North. Proc. from Plant Adaptation Workshop. Norwegian Univ. Press, Tromsø. pp. 246-253.
- k Heino, S., Hurme, H. & Laine, U. 1978: Lapin luonnonsuojelualueet tutkimuskohteina. - Acta Lapponica Fenniae 19: 133-141.
- o Heinonen, S. 1970: Yhteyttämisekologiaa tutkimuksia lajeilla *Diapensia lapponica*, *Cetraria nivalis* ja *Dicranum elongatum*. - M. Sc. thesis, Department of Biology, University of Turku. 117 pp.
- o Helander, E. 1965: Piirteitä Inarin kyläkasvistosta. - M. Sc. thesis, Department of Biology, University of Turku. 124 pp + 22 maps.
- o Helander, M. 1988: Happaman sadetuksen vaikutus koivun lehtipintojen mikrosieniin. - M. Sc. thesis, Department of Biology, University of Turku. 42 + 1 pp.
- o Helander, M. L. 1992: Happaman sadetuksen vaikutukset metsäpuiden epi- ja endofyyttisiin mikrosieniin. - Phil. Lic. thesis, Department of Biology, University of Turku. 21 pp + 3 app.
- k Helander, M. 1994: Mikrosienet suojaavat puuta. - Tiede 2000 14(5): 54-56.
- e Helander, M. L. 1994: Effects of heavy metals and acid irrigation on the birch rust, *Melampsorium betulinum*. - European Journal of Forest Pathology 24: 171-180.
- o Helander, M. L. 1994: Responses of foliar microfungi to air pollution. - Phil. Doc. thesis, Reports from the Department of Biology, University of Turku 40. 24 pp + 6 app.
- e Helander, M. L. 1995: Responses of pine needle endophytes to air pollution. - The New Phytologist 131: 223-229.
- e Helander, M. L. & Rantio-Lehtimäki, A. 1990: Effects of watering and simulated acid rain on quantity of phyllosphere fungi on birch leaves. - Microbial Ecology 19: 119-125.
- e Helander, M. L., Ranta, H. & Neuvonen, S. 1993: Responses of phyllosphere microfungi to simulated sulphuric and nitric acid deposition. - Mycological Research 97(5): 533-537.
- e Helander, M. L., Neuvonen, S., Sieber, T. & Petrini, O. 1993: Simulated acid rain affects birch leaf endophyte populations. - Microbial Ecology 26: 227-234.
- e Helander, M. L., Sieber, T. N., Petrini, O. & Neuvonen, S. 1994: Endophytic fungi in Scots pine needles: spatial variation and consequences of simulated acid rain. - Canadian Journal of Botany 72: 1108-1113.

- e Helander, M. L., Vuorinen, P., Saikkonen, K. & Lappalainen, J. 1998: Evidence for resistance of mountain birch (*Betula pubescens* subsp. *czerepanovii*) to birch rust (*Melampsorium betulinum*). - *Mycological Research* 102: 63-66.
- k Helle, T. & Oksanen, L. 1978: Jäkälät uusiutuvana luonnonvarana. - *Acta Lapponica Fenniae* 10: 89-95.
- e Hicks, S., Helander, M. & Heino, S. 1994: Birch pollen production, transport and deposition for the period 1984-1993 at Kevo, northernmost Finland. - *Aerobiologia* 10: 183-191.
- o Hiirsalmi, H. 1965: Tutkimuksia metsätähden (*Trientalis* L.) lisääntymisbiologiasta, vaihtelusta ja ekologiasta. - M. Sc. thesis, Department of Biology, University of Turku. 154 pp.
- e Hinneri, S. 1974: Podzolic processes and bioelement pools in subarctic forest soils at the Kevo Station, Finnish Lapland. - *Reports from the Kevo Subarctic Research Station* 11: 26-34.
- e Hinneri, S. 1975: On the water chemistry of the Utsjoki River System, and its significance for the evaluation of edaphic conditions in the drainage area. - *Reports from the Kevo Subarctic Research Station* 12: 10-24.
- e Hinneri, S., Sonesson, M. & Veum, A. K. 1975: Soils of Fennoscandian IBP tundra ecosystems. - In: Wielkolaski, F. E. (ed.): *Fennoscandian tundra ecosystems. Part 1.* Springer Verlag. *Ecological Studies* 16: 31-40.
- o Holtmeier, F-K. 1967: Die Waldgrenze im Oberengadin in ihrer physiognomischen und ökologischen Differenzierung. - ? thesis, Rheinische Friedrich-Wilhelms-Universität, Bonn. 164 pp.
- e Holtmeier, F-K. 1971: Waldgrenzstudien im nördlichen Finnisch-Lapland und angrenzenden Nordnorwegen. - *Reports from the Kevo Subarctic Research Station* 8: 53-62.
- e Holtmeier, F-K. 1972: Luftbild Kevo, Nordfinland. - *Die Erde* 1972 B 2: 105-115.
- e Holtmeier, F-K. 1973: Geoecological aspects of timberlines in Northern and Central Europe. - *Arctic and Alpine Research* 5(3), 2: A45-A54.
- e Holtmeier, F-K. 1974: Geoökologische Beobachtungen und Studien an der subarktischen und alpinen Waldgrenze in vergleichender Sicht. - *Erdwissenschaftliche Forschung* 8: 1-130.
- o Huju, M. 1961: Lapin Sparganium-lajien levinneisydestä ja ekologiasta. - B. Sc. thesis, Department of Biology, University of Turku. 33 + 5 pp.
- o Hulkko, T. 1968: Lapin Clavariolichenes-kysymys. - B. Sc. thesis, Department of Biology, University of Turku. 31 pp.
- s Hultén, E. 1971: Atlas of the distribution of plants in northwestern Europe. 2nd ed. - Stockholm. 56 + 512 pp.
- o Hurme, H. 1970: Cladonia alpestruksen CO₂-vaihto: sijoittuminen sekovarressa ja ympäristötekijäkäyrät. - B. Sc. thesis, Department of Biology, University of Turku. 35 + 1 pp.
- o Hurme, H. 1973: Eräiden jäkälän CO₂-vaihdon sijoittuminen sekovarten sekä sen suhde ympäristötekijöihin ja painonkasvuun. - M. Sc. thesis, Department of Biology, University of Turku. 31 + 7 + 71 pp.
- e Hustich, I. 1956: Notes on the growth of Scotch pine in Utsjoki in northernmost Finland. - *Acta Botanica Fennica* 56: 1-13.
- e Hustich, I. 1958: On the recent expansion of the Scotch pine in Northern Europe. - *Fennia* 82: 1-25.
- e Hustich, I. 1966: On the forest-tundra and the northern tree-lines. - *Reports from the Kevo Subarctic Research Station* 3: 1-47.
- e Hustich, I. 1969: Notes on the growth of the pine in northern Finland and Norway. - *Reports from the Kevo Subarctic Research Station* 4: 159-170.
- e Huttunen, S., Reinikainen, J. & Turunen, M. 1990: Wintering response of conifers to acid rain treatment under northern conditions. - In: Kauppi, P., Anttila, P. & Kenttämies, K. (eds.): *Acidification in Finland.* Springer Verlag, Berlin, pp 607-633.
- e Huttunen, S., Turunen, M. & Reinikainen, J. 1991: Scattered CaSO₄-crystallites on needle surfaces after simulated acid rain as an indicator of nutrient leaching. - *Water, Air, and Soil Pollution* 54: 169-173.
- e Hämet-Ahti, L. 1963: Zonation of the mountain birch forests in northernmost Fennoscandia. - *Annales Botanici Societatis Zoologicae Botanicae Fennicae 'Vanamo'* 34(4): 1-127.
- k Hämet-Ahti, L. 1963: Pohjois-Euroopan metsänrajakoivikkojen asemasta kasvillisuuden vyöhykejärjestelmässä. - *Luonnon Tutkija* 67(5): 157-163.
- e Hämet-Ahti, L. 1967: Tripleurospernum (Compositae) in the northern parts of Scandinavia, Finland and Russia. - *Acta Botanica Fennica* 75: 1-19.
- k Hämet-Ahti, L. 1978: Koivumetsävyöhyke - Fennoscandian erikoisuus. - *Acta Lapponica Fenniae* 10: 31-35.
- o Hömmö, L. 1983: Haavan (*Populus tremula* L.) polyploidia - Inarin Nonabeljärven haavan morfologinen analyysi. - M. Sc. thesis, Department of Biology, University of Turku. 100 + 4 pp.
- e Hömmö, L. & Valanne, T. 1987: Cytological and morphological analyses of grafted triploid aspens (*Populus tremula* L.) from the Nonabeljärvi area in Finnish Lapland. - *Reports from the Kevo Subarctic Research Station* 20: 21-25.
- e Inki, M. & Väisänen, L. 1980: Essential oils in *Betula tortuosa* Ledeb. and in some other *Betula* species and hybrids. - *Reports from the Kevo Subarctic Research Station* 16: 38-44.
- k Jaakkola, M. & Oikarinen, H. 1972: Hallan vaikutus hillaan. - *Lapin tutkimusseura, Vuosikirja* 13: 24-28.
- o Jarhio, P. 1960: Gibberelliinin ja kinetiinin vaikutus *Gentiana nivaliksen* itämiseen. - B. Sc. thesis, Department of Biology, University of Turku. 24 pp.
- o Jortikka, S. 1990: Happaman sadetuksen vaikutukset suursienisatoon ja -lajistoon. - M. Sc. thesis, Department of Biology, University of Turku. 73 + 14 pp.
- k Jortikka, S., Rantio-Lehtimäki, A., Helander, M., Ranta, H. & Haapanen, U. 1991: Sienet ja haposade. - *Luonnon Tutkija* 95(1-2): 31-33.
- k Juhanoja, S. 1995: Monimuotoinen tunturikoivu. - *Sorbifolia* 26(4): 167-173.

- o Jukanen, A. 1983: Tunturikynsisammalen (*Dicranum elongatum*) varren rakenteesta ja lämpötilan vaikutuksesta varren soluseiniin. - M. Sc. thesis, Department of Biology, University of Turku. 36 pp.
- o Junnila, S. 1984: Uuvan (Diapensia lapponica L.) karaisun vuodenaikaisuutokset eri menetelmin tutkittuina. - M. Sc. thesis, Department of Biology, University of Turku. 91 + 3 pp.
- o Jussila, I. 1987: Männyn (*Pinus sylvestris*) silmunkehityksen ja pituuskasvun morfologia ja fenologia. - M. Sc. thesis, Department of Biology, University of Turku. 27 pp + 5 app.
- e Kallio, H., Nikkola, P. & Reunanen, M. 1984: Sugar composition of the juice of crowberry, *Empetrum hermaphroditum*. - Reports from the Kevo Subarctic Research Station 19: 74-76.
- k Kallio, H., Puntari, I., Linko, R. R. & Vuorisalo, K. 1981: Variksenmarja, tutkimuksen uusi aluevaltaus. - Luonnon Tutkija 85(3): 143-144.
- k Kallio, P. 1954: Turun Eläin- ja Kasvitieteellisen Seuran Lapin retki v. 1954. - Luonnon Tutkija 58(5): 145-151.
- k Kallio, P. 1956: Suomen pohjoisimman kolkan kasvistollisesta erikoisuudesta. - Luonnon Tutkija 60(5): 136-142.
- k Kallio, P. 1957: Kasvien polyploidiaailmiö arktisen alueen ongelmana. - Luonnon Tutkija 61(2): 44-49.
- k Kallio, P. 1959: Eräistä Perä-Lapin kasvitieteellisen tutkimuksen tehtävistä. - Terra 71(4): 167-183.
- k Kallio, P. 1960: Subarktisen Suomen kasvitieteellisiä kysymyksiä. - Lapin tutkimusseura, Vuosikirja 1: 17-33.
- k Kallio, P. 1960: Utsjoen sienistä. - Luonnon Tutkija 64(1): 38-45.
- e Kallio, P. 1961: Zur floristisch-ökologischen Charakteristik des östlichen Teiles von Finnisch-Fjeldlappland. - Archivum Societatis Zoologicae Botanicae Fennicae Vanamo 16 suppl.: 98-111.
- e Kallio, P. 1964: The Kevo Subarctic Research Station of the University of Turku. - Reports from the Kevo Subarctic Research Station 1: 9-40.
- k Kallio, P. 1965: Turun Yliopiston tutkimusasema Kevo. - Lapin tutkimusseura, Vuosikirja 6: 35-44.
- s Kallio, P. 1965: Turun yliopiston laajentuva toimintaympäristö. - Suomen Turku 1965(2): 4-6.
- s Kallio, P. 1965: Kaksi Kevon kuvaa. - Suomen Turku 1965(3): 8-9.
- k Kallio, P. 1966: Subarktisen alueen tutkimusongelmasta. - Kaltio 7-8: 196-198.
- s Kallio, P. 1966: Kevo. - Rajaseutu 43(2): 94-95.
- e Kallio, P. 1969: Productivity of lichen-moss heath, subalpine birch forest and Scotch pine forest in northernmost Finland. - IBP. Progress Report 1968. Scandinavian countries. Denmark, Finland, Norway, Sweden. August 1969: 12-14.
- k Kallio, P. 1969: Turun Yliopiston Lapin tutkimusasema Kevo. - Luonnon Tutkija 73(4): 129-139.
- e Kallio, P. 1970: En utvidgning av IBP-PT:s minimumprogram i Kevo. - IBP i Norden 4: 23-24.
- s Kallio, P. 1970: Biologinen tutkimus Lapissa. - Maakunnan tutkimuspolitiikka, seminaari Rovaniemellä 8-12.6.1970, 39-58.
- s Kallio, P. 1970: General conclusions. - Ecology of the Subarctic regions, Proc. Helsinki Symposium, UNESCO 1966. p. 362.
- s Kallio, P. 1971: Productivity of lichen-moss heath, subalpine birch forest and Scotch pine forest in northernmost Finland. - IBP. Progress Report 1969-70. Scandinavian countries. Denmark, Finland, Norway, Sweden. May 1971. pp. 21-23.
- k Kallio, P. 1971: Ihminen Lapin ekosysteemin osana. - Kalevalaseuran Vuosikirja 51: 94-113.
- s Kallio, P. 1971: Lapin luonnon tyypikysymyksestä. - Poromies 1971(1): 7-8.
- s Kallio, P. 1971: Cryptogams. - In: Heal, O. W. (ed.): Proceedings of the Working Meeting on Analysis of Ecosystems, Kevo Finland September 1970, 227-232.
- s Kallio, P. 1972: IBP/PT tundra biome. - Symposiet i Kevo och Oulanka 14-21.9.1970. - IBP i Norden 8: 21-25.
- e Kallio, P. 1972: Svamparnas andel av tundraekosystemen i Kevo. - IBP i Norden 8: 67-68.
- s Kallio, P. 1972: Productivity of lichen-moss heath, subalpine birch forest and Scotch pine forest in northernmost Finland. - IBP. Progress Report 1971. Scandinavian countries. Denmark, Finland, Norway, Sweden. May 1972. pp. 6-7.
- s Kallio, P. 1972: Productivity of lichen-moss heath, subalpine birch forest and Scotch pine forest in northernmost Finland. - IBP. Progress Report 1971. Scandinavian countries. Denmark, Finland, Norway, Sweden. October 1972. pp. 9-10.
- s Kallio, P. 1972: Turun Yliopisto ja Lapin tutkimus. - Poromies 1972(3): 7-9.
- s Kallio, P. 1973: Productivity of lichen-moss heath, subalpine birch forest and Scotch pine forest in northernmost Finland. - IBP-Progress Report 1972, Scandinavian countries, October 1973, pp. 9-10.
- e Kallio, P. 1974: Nitrogen fixation in subarctic lichens. - Oikos 25(2): 194-198.
- e Kallio, P. 1975: Kevo, Finland. - In: Rosswall, T. & Heal, O. W. (eds.): Structure and function of tundra ecosystems. Ecological Bulletin 20: 193-223.

- k Kallio, P. 1975: "Bigelowin porkkana". - Luonnon Tutkija 79(2): 60.
- k Kallio, P. 1975: Kevon metsänrajaongelmia. - Metsä ja puu 1975(12): 4-6.
- s Kallio, P. 1975: Reflections on the adaptation of organisms to the northern forest limit in Fennoscandia. - Proceedings of the Circumpolar Conference on Northern Ecology, Ottawa 1975, 4: 19-37.
- s Kallio, P. 1975: The influence of continuous light on lichens and mosses. - Proceedings of the Circumpolar Conference on Northern Ecology, Ottawa 1975, 1: 203-212.
- e Kallio, P. 1975: *Leccinum scabrum* (Fries) S.F. Gray subsp. *tundrae* Kallio, a new subspecies from Lapland. - Reports from the Kevo Subarctic Research Station 12: 25-27.
- s Kallio, P. 1975: Productivity of lichen-moss heath, subalpine birch forest and Scotch pine forest in northernmost Finland. - IBP. Final report. Scandinavian countries. Denmark, Finland, Norway, Sweden. June 1975. pp. 34, 63-64.
- k Kallio, P. 1977: Uusiutuvien luonnonvarojen tutkimuksen puolustus. - Lapin tutkimusseura, Vuosikirja 18: 6-8.
- s Kallio, P. 1977: Väinönputki, polaarikansojen vihannes. - TEE 1977(4): 10-12.
- k Kallio, P. 1978: Johdanto. - Acta Lapponica Fenniae 10: 5-6.
- k Kallio, P. 1978: Lapin koivut. - Acta Lapponica Fenniae 10: 78-83.
- k Kallio, P. 1978: Kasvien sopeutuminen pohjoiseen. - Acta Lapponica Fenniae 10: 101-107.
- e Kallio, P. 1979: Programmes of the Kevo Station. - Holarctic Ecology 2(4): 275-278.
- s Kallio, P. 1979: Metsän ja tundran välillä. - In: Paavo Havas (ed.): Suomen Luonto 1, Kirjayhtymä. pp. 237-254.
- s Kallio, P. 1979: Elämän sopeutuminen pohjoiseen. - In: Paavo Havas (ed.): Suomen Luonto 1, Kirjayhtymä. pp. 321-328.
- s Kallio, P. 1979: Tunturi-Lapin tuotoksen perusteita. - In: Paavo Havas (ed.): Suomen Luonto 1, Kirjayhtymä. pp. 329-338.
- s Kallio, P. 1979: Ihminen ja Lapin luonnonvarat. - In: Paavo Havas (ed.): Suomen Luonto 1, Kirjayhtymä. pp. 343-355.
- k Kallio, P. 1980: Laaja-alainen tutkimus Lapin kehityksen pohjana. - Lapin tutkimusseura, Vuosikirja 21: 3-9.
- k Kallio, P. 1980: Kasvit talvehtivat. - Suomen Luonto 39(1): 20-23.
- k Kallio, P. 1981: Mänty metsänrajaapuuna. - Dendrologian Seuran tiedoituksia 12(3): 147-153.
- e Kallio, P. 1981: Facilities for botanical research in the circumpolar arctic-subarctic zone. - Fennia 159(1): 111-119.
- k Kallio, P. 1981: Lapin tutkimuslaitos Kevon historiasta ja tutkimusohjelmasta. - Luonnon Tutkija 85(3): 67-74.
- s Kallio, P. 1981: Kevon ensimmäinen neljännesvuosisata. - Phoenix 1981(2): 7-10.
- e Kallio, P. 1982: Aspects of northern Finnish macromycology. - In: Laursen, G. A. & Ammirati, J. F. (eds.): Arctic and alpine mycology, University of Washington Press. pp. 410-431.
- k Kallio, P. 1982: Sopeutumisen ääri rajoilla. Tundran elämä perustuu kasvien tuottoon. - Tiede 2000 1982(1): 4-8.
- s Kallio, P. 1983: Tutkijain Lappi. - In: Lappi 1, Arvi A. Karisto. pp. 266-285.
- k Kallio, P. 1983: Metsänrajan tutkimus. - Oulun yliopisto, Pohjois-Suomen tutkimuslaitos C 47: 17-27.
- s Kallio, P. 1983: Ilmari Hustich as a pioneer in polar forest-line research. - Proceedings of the Northern Québec Tree-line Conference, Collection Nordicana 47: 1-2.
- e Kallio, P. 1984: The essence of biology in the North. - Nordia 18(2): 53-65.
- s Kallio, P. 1984: Elämän sopeutuminen Lapin oloihin. - In: Lappi 3, Arvi A. Karisto. pp. 221-244.
- s Kallio, P. 1984: Lapin luonnon tuoton perustekijöitä. - In: Lappi 3, Arvi A. Karisto. pp. 245-254.
- e Kallio, P. 1984: Adaptation and evolution at the northern limits of life. - Acta Universitatis Ouluensis, Scripta Acad. 1984: 131-150.
- s Kallio, P. 1985: Johan Nuorgam, saamelaiskulttuurin tallentaja. - In: Lappi 4, Arvi A. Karisto. pp. 144-145.
- k Kallio, P. 1985: Idänkeulankärki (*Oxytropis campestris*) ja Lapin kasvitieteellinen tutkimus. - Lutukka 1985(1): 39-40.
- e Kallio, P. & Heinonen, S. 1971: Influence of short-term low temperature on net photosynthesis in some subarctic lichens. - Reports from the Kevo Subarctic Research Station 8: 63-72.
- e Kallio, P. & Heinonen, S. 1973: Ecology of *Rhacomitrium lanuginosum* (Hedw.) Brid. - Reports from the Kevo Subarctic Research Station 10: 43-54.
- e Kallio, P. & Heinonen, S. 1975: CO₂ exchange and growth of *Rhacomitrium lanuginosum* and *Dicranum elongatum*. - In: Wielgolaski, F. E. (ed.): Fennoscandian Tundra Ecosystems. Part 1. Springer Verlag. Ecological Studies 16: 138-148.
- e Kallio, P. & Huhtinen, S. 1987: International forest line arboretum. - The Canadian Plant Conservation Programme Newsletter 1(2): 9-11.
- k Kallio, P. & Hurme, H. (eds.) 1978: Lapin kasvivarat, Plant resources in Lapland. - Acta Lapponica Fenniae 10: 1-141.
- e Kallio, P. & Hurme, H. 1983: National and international cooperation at Kevo Subarctic Research Station, Finnish Lapland. - GeoJournal 7(4): 353-359.

- e Kallio, P. & Kallio, S. 1975: Nitrogen fixation by free-living micro-organisms in the Kevo district. - Reports from the Kevo Subarctic Research Station 12: 28-33.
- k Kallio, P. & Kallio, S. 1978: Lapin vapaan typen yhteytyksen ekologiaa. - Acta Lapponica Fenniae 10: 117-121.
- e Kallio, P. & Kallio, S. 1978: Adaptation of nitrogen fixation to temperature in the *Peltigera aphthosa*-group. - Ecological Bulletin 26: 225-233.
- s Kallio, P. & Kallio, S. 1979: Biologinen typensidonta arktisessa ja subarktisessa ekosysteemissä. - Biologisen typensidonnan seminaari Varsavuorella, Mikkeli 1979, pp. 103-109.
- e Kallio, P. & Kankainen, E. 1964: Notes on the macromycetes of Finnish Lapland and adjacent Finnmark. - Reports from the Kevo Subarctic Research Station 1: 178-235.
- e Kallio, P. & Kankainen, E. 1966: Additions to the mycoflora of northernmost Finnish Lapland. - Reports from the Kevo Subarctic Research Station 3: 177-210.
- s Kallio, P. & Kärenlampi, L. 1971: A review of the stage reached in the Kevo IBP in 1970. - In: Heal, O. W. (ed.): Proceedings of the Working Meeting on Analysis of Ecosystems, Kevo Finland September 1970, 79-91.
- e Kallio, P. & Kärenlampi, L. 1972: The IBP tundra project at Kevo, Finland. Word model. - IBP i Norden 8: 13-14.
- s Kallio, P. & Kärenlampi, L. 1972: The progress of the Kevo IBP/PT work autumn 1970 - autumn 1971. - In: Wielgolaski, F. E. & Rosswall, T. (eds.): Proceedings IV. International Meeting on the Biological Productivity of Tundra, Leningrad USSR October 1971, pp. 276-280.
- e Kallio, P. & Kärenlampi, L. 1975: Photosynthesis in mosses and lichens. - In: Cooper, J. P. (ed.): Photosynthesis and productivity in different environments, Cambridge University Press, IBP 3: 393-423.
- e Kallio, P. & Lehtonen, J. 1973: Birch forest damage caused by *Oporinia autumnata* (Bkh.) in 1965-66 in Utsjoki, N Finland. - Reports from the Kevo Subarctic Research Station 10: 55-69.
- e Kallio, P. & Lehtonen, J. 1975: On the ecocatastrophe of birch forests caused by *Oporinia autumnata* (Bkh.) and the problem of reforestation. - In: Wielgolaski, F. E. (ed.): Fennoscandian tundra ecosystems. Part 2. Springer Verlag. Ecological Studies 17: 174-180.
- e Kallio, P. & Mäkinen, Y. 1957: Untersuchungen über die Flora von Utsjoki in Nordfinland. II. - Archivum Societatis Zoologicae Botanicae Fennicae Vanamo 12(1): 12-29.
- e Kallio, P. & Mäkinen, Y. 1975: Vascular flora of Inari Lapland. 3. Salicaceae. - Reports from the Kevo Subarctic Research Station 12: 66-105.
- k Kallio, P. & Mäkinen, Y. 1978: Lapin kasviston erikoispiirteet. - Acta Lapponica Fenniae 10: 44-51.
- e Kallio, P. & Mäkinen, Y. 1978: Vascular flora of Inari Lapland. 4. Betulaceae. - Reports from the Kevo Subarctic Research Station 14: 38-63.
- e Kallio, P. & Piironen, P. 1959: Effect of gibberellin on the termination of dormancy in some seeds. - Nature 183: 1830-1831.
- e Kallio, P. & Saarnio, E. 1986: The effect on mosses of transplantation to different latitudes. - Journal of Bryology 14: 159-178.
- e Kallio, P. & Sonesson, M. 1979: Fennoscandian tree-line conference: Introduction. - Holarctic Ecology 2(4): 205-207.
- e Kallio, P. & Sonesson, M. 1983: International cooperation in treeline research. - Arctic 36(1): 95-96.
- e Kallio, P. & Suhonen, S. 1972: Lavarnas kväveproduktion, ett nordligt problem. - IBP i Norden 8: 71-75.
- s Kallio, P. & Uusihonko, M. 1962: Kevo, Lapin luonnon tutkimuspaikka. - WSOY, 95 pp.
- e Kallio, P. & Valanne, N. 1975: On the effect of continuous light on photosynthesis in mosses. - In: Wielgolaski, F. E. (ed.): Fennoscandian Tundra Ecosystems. Part 1. Springer Verlag. Ecological Studies 16: 149-162.
- k Kallio, P. & Wallgren, H. 1982: Koivuekosysteemin yhteispohjoismainen projektisuunnitelma (SBP). - Luonnon Tutkija 86(3): 120-121.
- e Kallio, P. & Veum, A. K. 1975: Analysis of precipitation at Fennoscandian tundra sites. - In: Wielgolaski, F. E. (ed.): Fennoscandian Tundra Ecosystems. Part 1. Springer Verlag. Ecological Studies 16: 333-338.
- e Kallio, P. & Wielgolaski, F. E. 1975: Nutrient cycling. Introduction. - In: Wielgolaski, F. E. (ed.): Fennoscandian Tundra Ecosystems. Part 1. Springer Verlag. Ecological Studies 16: 289-291.
- e Kallio, P., Laine, U. & Mäkinen, Y. 1969: Vascular flora of Inari Lapland. 1. Introduction and Lycopodiaceae - Polypodiaceae. - Reports from the Kevo Subarctic Research Station 5: 1-108.
- e Kallio, P., Laine, U. & Mäkinen, Y. 1971: Vascular flora of Inari Lapland. 2. Pinaceae and Cupressaceae. - Reports from the Kevo Subarctic Research Station 8: 73-100.
- k Kallio, P., Norokorpi, Y. & Sepponen, P. 1983: Lapin tutkimusasemien yhteistoiminta ja metsänrajan seuranta. - Luonnon Tutkija 87(5): 171-175.
- k Kallio, P., Parviainen, R. & Yliaho, H. 1978: Väinönputki - perinteinen Lapin vihannes. - Acta Lapponica Fenniae 10: 96-100.
- s Kallio, P., Sletjord, S. & Sonesson, M. (eds.) 1982: Fjällbjörkzonens ekosystem, samnordiskt forskningsprojekt. - Mim., **
- e Kallio, P., Suhonen, S. & Kallio, H. 1972: The ecology of nitrogen fixation in *Nephroma arcticum* and *Solorina crocea*. - Reports from the Kevo Subarctic Research Station 9: 7-14.
- s Kallio, P., Sulkinoja, M. & Valanne, T. 1974: Metsänrajakysymyksestä ja koivujen, erityisesti Lapin koivujen jalostuksesta. - Metsänjalostustoimikunnan retkeily Pohjois-Suomessa 9-12.6.1974. Kevon päivä 15.6.1974. 15 pp.
- s Kallio, P., Niemi, S., Sulkinoja, M. & Valanne, T. 1983: The Fennoscandian birch and its evolution in the marginal forest zone. - Proceedings of the Northern Québec Tree-line Conference,

Collection Nordicana 47: 101-110.

- e Kallio, P., Pihakaski, K., Pihakaski, S. & Karunen, P. 1987: Seasonal changes in leaf lipids of *Diapensia lapponica*, with special reference to storage lipid bodies. - *Nordic Journal of Botany* 7(3): 281-292.
- e Kallio, P., Hurme, H., Eurola, S., Norokorpi, Y. & Sepponen, P. 1986: Research activities on the forest line in northern Finland. - *Arctic* 39(1): 52-58.
- s *Kallio, P. 1986. (toim. yhd. R. Huopainen, M. Karjanoja, M. Linkola, H. Tuomi-Nikula & P. Vahervuori): *Lapin kierros, Rovaniemi Nuorgam*. - *Arktisen Keskuksen Säätiö*. 196 pp.
- k Kallio, P., Karunen, P., Mikola, H., Pihakaski, K., Pihakaski, S. & Salin, M. 1981: Kasvien pohjoinen stressi ja sopeutuminen. - *Luonnon Tutkija* 85(3): 98-107.
- s Kallio, P., Karunen, P., Mikola, H., Pihakaski, K., Pihakaski, S. & Salin, M. 1981: Interaction of cell structure, physiology and biochemistry of *Diapensia lapponica* in the subarctic environment. - *Abstracts of 13th International Botanical Congress, 1981 Sydney*, p. 323.
- e Kallio, S. 1973: The ecology of nitrogen fixation in *Stereocaulon paschale*. - *Reports from the Kevo Subarctic Research Station* 10: 34-42.
- o Kallio, S. 1974: Jäkälien typenyhteys Suomen Lapissa. - *Phil. Lic. thesis, Department of Biology, University of Turku*. 50 pp.
- o Kallio, S. 1976: Studies on elemental nitrogen fixation in lichens in North Finland. - *Phil. Doc. thesis, Department of Botany, University of Turku*. 6 pp + 8 app. + 13 pp.
- e Kallio, S. 1978: On the effect of forest fertilizers on nitrogenase activity in two Subarctic lichens. - *Ecological Bulletin* 26: 217-224.
- e Kallio, S. & Kallio, P. 1975: Nitrogen fixation in lichens at Kevo, North-Finland. - In: *Wielgolaski, F. E. (ed.): Fennoscandian Tundra Ecosystems. Part 1. Springer Verlag. Ecological Studies* 16: 292-304.
- e Kallio, S. & Varheenmaa, T. 1974: On the effect of air pollution on nitrogen fixation in lichens. - *Reports from the Kevo Subarctic Research Station* 11: 42-46.
- e Kallio, S., Kallio, P. & Rasku, M-L. 1976: Ecology of nitrogen fixation in *Peltigera aphthosa* (L.) Willd. in North Finland. - *Reports from the Kevo Subarctic Research Station* 13: 16-22.
- e Kalliola, R. J. & Puhakka, M. 1988: River dynamics and vegetation mosaicism: A case study at the River Kamajohka, northernmost Finland. - *Journal of Biogeography* 15: 703-719.
- k Kankainen, E. 1962: *Epipogium aphyllum* Sw. Utsjoella. - *Luonnon Tutkija* 66(4): 135-136.
- e Kankainen, E. 1969: On the structure, ecology and distribution of the species of *Mitrula* s.lat. (Ascomycetes, Geoglossaceae) - *Karstenia* 9: 23-34.
- e Karunen, P. & Kallio, P. 1976: Seasonal variation in the total lipid content of subarctic *Dicranum elongatum*. - *Reports from the Kevo Subarctic Research Station* 13: 63-70.
- e Karunen, P., Heinonen, S. & Lyly, O. 1978: Persistence of mecoprop in northern and southwestern Finland. - *Reports from the Kevo Subarctic Research Station* 14: 25-30.
- o Kauhanen, H. 1968: Inarijärven saariston kasvillisuus. - *B. Sc. thesis, Department of Biology, University of Turku*. 31 pp.
- o Kauhanen, H. 1970: Kevon alueen kasvillisuudesta gradientianalyysin valossa. - *M. Sc. thesis, Department of Biology, University of Turku*. 50 pp + 5 app.
- e Kauhanen, H. 1985: Stomatal resistance, photosynthesis and water relations in mountain birch in the subarctic. - *Tree Physiology* 2: 123-130.
- k Kauhanen, H. & Kauhanen, V. 1973: Pärskäjuuri (*Veratrum album*) löydetty Suomesta. - *Savon Luonto* 5: 13-14.
- s Kautto, A., Kärenlampi, L. & Nieminen, M. 1986: Jäkäläisten talvilaidunten kunnan muutos Suomen poronhoitoalueella vuosina 1972-1983. - *Poromies* 1986(3): 28-34.
- o Kiilunen, S. 1989: Inarin Nonabeljärven triploidin haavan (*Populus tremula* L.) polyploidiaominaisuudet ja mikrolisäys. - *M. Sc. thesis, Department of Biology, University of Turku*. 76 + 26 pp.
- k Kiilunen, S. 1991: Triploidin haavan ominaisuudet ja mikrolisäys. - *Luonnon Tutkija* 95(1-2): 100-102.
- k Kiilunen, S. 1996: Inarin Nonabeljärven triploidi haapa. - *Sorbifolia* 27(4): 165-171.
- o Kivinen, M. 1963: Gibberellinin vaikutuksesta *Diapensia lapponica* siementen itävyyteen. - *B. Sc. thesis, Department of Biology, University of Turku*. 41 pp.
- e Kjølsvik, S. & Kärenlampi, L. 1975: Plant biomass and primary production of Fennoscandian subarctic and subalpine forests and of alpine willow and heath ecosystems. - In: *Wielgolaski, F. E. (ed.): Fennoscandian tundra ecosystems. Part 1. Springer Verlag. Ecological Studies* 16: 111-120.
- o Knuuti, L. 1977: Hakkuiden vaikutus jäkälän kasvuun ja neulasten hajotusprosessiin Lapissa. - *M. Sc. thesis, Department of Biology, University of Turku*. 83 + 20 pp.
- o Koivistoinen, E. 1964: Inarin Peldoavien ja sen lähitunturien alueen kasvistosta ja kasvillisuudesta. - *M. Sc. thesis, Department of Biology, University of Turku*. 134 + 5 pp.
- o Korhonen, P. 1976: Valorytmivaatimus jäkälän fotosynteesissä. - *B. Sc. thesis, Department of Biology, University of Turku*. 21 pp.
- k Kortesharju, J., Mäkinen, Y., Hippa, H. & Koponen, S. 1978: Hilla Lapin luonnonvarana (*Cloudberry* - Lapland's nature product). - *Acta Lapponica Fenniae* 10: 69-77.
- e Kristiansen, J. 1964: Flagellates from Finnish Lapland. - *Botanisk Tidskrift* 59: 315-333.
- k Kujala, V. 1962: Ivalojoen ja sen varsien kasvistosta. (Zusammenfassung: Über die Flora des Flusses Ivalojoeki und seiner Ufer in Finnisch-Lapland). - *Archivum Societatis Zoologicae Botanicae Fennicae Vanamo* 16(2): 163-193.
- e Kukkonen, I. 1964: Facts and speculations about the factors affecting the distribution of *Anthracoidea scirpi* as a parasite of *Trichophorum caespitosum*. - *Reports from the Kevo Subarctic Research Station* 1: 140-148.

- e Kukkonen, I. 1967: Studies on the variability of *Diphasium* (*Lycopodium*) *complanatum*. - *Annales Botanici Fennici* 4(4): 441-470.
- e Kupias, R. 1964: On filamentous blue-green algae on the brooks of Lapland. - *Reports from the Kevo Subarctic Research Station* 1: 236-249.
- e Kupias, R. 1984: Pollen frequencies in Finland. - In: Nilson, S. & Raj, B. (eds.): *Nordic Aerobiology*. Stockholm, Sweden. pp 35-38.
- k Kupias, R. & Mäkinen, Y. 1981: Lepän siitepölymäärien korreloituminen säätekijöihin. - *Rep. Aerobiol. Lab. Univ. Turku* 5: 71-79.
- k Kupias, R., Käpylä, M. & Sorsa, P. 1981: Suomen siitepölykalenteri (Pollen calendars of Finland). - *Rep. Aerobiol. Lab. Univ. Turku* 5: 45-61.
- o Kytöviita, M-M. 1988: Porojäkälkien kasvu ja porojen laidunnuksen vaikutus lajikoostumukseen kahdessa eri korkeusvyöhykkeessä Kevolla. - M. Sc. thesis, Department of Biology, University of Turku. 48 + 5 pp.
- o Kytöviita, M-M. 1993: Effects of acid rain on growth and nutrient relations in mat-forming lichens. - Phil. Doc. thesis, Department of Botany, University of Nottingham. 218 pp + 4 app.
- e Kytöviita, M-M. & Crittenden, P. D. 1994: Effects of simulated acid rain on nitrogenase activity (acetylene reduction) in the lichen *Stereocaulon paschale* (L.) Hoffm., with special reference to nutritional aspects. - *The New Phytologist* 128: 263-271.
- e Kytövuori, I. 1969: *Epilobium davuricum* Fisch. (Onagraceae) in Eastern Fennoscandia compared with *E. palustre* L. A morphological, ecological and distributional study. - *Annales Botanici Fennici* 6(1): 35-58.
- e Kärenlampi, L. 1970: Distribution of chlorophyll in the lichen *Cladonia alpestris*. - *Reports from the Kevo Subarctic Research Station* 7: 1-8.
- e Kärenlampi, L. 1970: Morphological analysis of the growth and productivity of the lichen *Cladonia alpestris*. - *Reports from the Kevo Subarctic Research Station* 7: 9-15.
- e Kärenlampi, L. 1970: Preliminary report on models of reindeer lichen CO₂ exchange, environment, and productivity. - *IBP i Norden* 5: 23-25.
- e Kärenlampi, L. 1971: Studies on the relative growth rate of some fruticose lichens. - *Reports from the Kevo Subarctic Research Station* 7: 33-39.
- e Kärenlampi, L. 1971: On methods for measuring and calculating the energy flow through lichens. - *Reports from the Kevo Subarctic Research Station* 7: 40-46.
- e Kärenlampi, L. 1971: Weight loss of leaf litter on forest soil surface in relation to weather at Kevo Station, Finnish Lapland. - *Reports from the Kevo Subarctic Research Station* 8: 101-103.
- s Kärenlampi, L. 1971: Jäkälän lannoituksen ongelmia. - *Poromies* 1971(1): 5-7.
- e Kärenlampi, L. 1971: Food chain model of reindeer lichens. - *Swedish Natural Science Research Council. Bulletins from the Ecological Research Committee* 14: 83-85.
- e Kärenlampi, L. 1972: Comparisons between the microclimates of the Kevo ecosystem study sites and the Kevo Meteorological Station. - *Reports from the Kevo Subarctic Research Station* 9: 50-65.
- e Kärenlampi, L. 1972: Factor analytic studies on the vegetation of the surroundings of the Kevo Subarctic Station. - *Reports from the Kevo Subarctic Research Station* 9: 66-72.
- e Kärenlampi, L. 1972: On the relationships of the Scots pine annual ring width and some climatic variables at the Kevo Subarctic Station. - *Reports from the Kevo Subarctic Research Station* 9: 78-81.
- e Kärenlampi, L. 1972: Reindeer lichens and the monitoring of the climate-caused ecosystem changes. - *IBP i Norden* 9: 51-62.
- s Kärenlampi, L. 1973: Suomen poronhoitoalueen jäkälämaiden kunto, jäkälämäärät ja tuottoarviot vuonna 1972. - *Poromies* 1973(3): 3-7.
- e Kärenlampi, L. 1974: Biomass and estimated yearly net production of the ground vegetation at Kevo. - In: Bliss, L. C. & Wielgolaski, F. E. (eds.): *Primary production and production progresses, Tundra biome*. **
- e Kärenlampi, L. & Kauhanen, H. 1972: A direct gradient analysis of the vegetation of the surroundings of the Kevo Subarctic Station. - *Reports from the Kevo Subarctic Research Station* 9: 82-98.
- s Kärenlampi, L. & Kytöviita, M-M. 1988: Kuinka nopeasti jäkälä kasvaa? - *Poromies* 1988(1): 4-7.
- e Kärenlampi, L. & Oksanen, J. 1990: Mountain summits as a possible risk area of acid deposition. - *Nord* 20: 53-56.
- e Kärenlampi, L. & Pelkonen, M. 1971: Studies on the morphological variation of the lichen *Cladonia uncialis*. - *Reports from the Kevo Subarctic Research Station* 7: 47-56.
- e Kärenlampi, L., Tammissola, J. & Hurme, H. 1975: Weight increase of some lichens as related to carbon dioxide exchange and thallus moisture. - In: Wielgolaski, F. E. (ed.): *Fennoscandian tundra ecosystems. Part 1*. Springer Verlag. *Ecological Studies* 16: 135-137.
- e Kärppä, J., Kallio, H., Peltonen, I. & Linko, R. 1984: Anthocyanins in the northern and southern crowberry, *Empetrum nigrum* coll. - *Reports from the Kevo Subarctic Research Station* 19: 71-73.
- s Laatikainen, H. 1978: *Lychnis alpina* L. taksonomiasta Fennoskandian itä- ja pohjoisosissa. - Manuscript in the archives of Department of Botany, University of Oulu, Finland. 71 pp.
- e Lange, B. 1969: The distribution of *Sphagnum* in northernmost Scandinavia. - *Botanisk Tidsskrift* 65: 1-43.
- o Laine, U. 1956: Kevojoen kanjonin floristiset ja geobotaaniset erikoispiirteet. - M. Sc. thesis, Department of Biology, University of Turku, Finland, 159 + 52 pp.
- e Laine, U. 1964: Über die floristischen Züge der nördlichen Waldgrenze der Kiefer im Westteil von Inari-Lappland. - *Reports from the Kevo Subarctic Research Station* 1: 94-123.

- k Laine, U. 1965: Alustavia tuloksia Kevojoen pahtojen kasvistollisesta kartoitustyöstä. - Lapin tutkimusseura, Vuosikirja 6: 1-16.
- o Laine, U. 1970: Kevojoen kurulaakson kasviston rakenteesta ja siihen vaikuttavista tekijöistä I + II. - Phil. Lic. thesis, Department of Biology, University of Turku, Finland. 201 + 258 pp.
- e Laine, U. & Nurmi, J. 1971: Factors affecting vegetation and flora of anorthosite and granulite areas in western Inari, Finnish Lapland. - Reports from the Kevo Subarctic Research Station 8: 104-115.
- e Laine, U., Lehmushovi, A. & Nurmi, J. 1974: Chromosome numbers of phanerogams in Inari Lapland and adjacent regions. - Reports from the Kevo Subarctic Research Station 11: 79-89.
- k Laine, U., Lindgren, L. & Mäkinen, Y. 1955: Havainnot Utsjoen pitäjän länsiosan kasvistosta. - Archivum Societatis Zoologicae Botanicae Fennicae Vanamo 9(2): 120-135.
- o Lampinen, L. 1975: Havainnot pohjoisista ja eteläisistä Leontodon autumnalis-populaatioista koekentällä Utsjoen Kevolla. - B. Sc. thesis, Department of Biology, University of Turku. 17 pp.
- o Lampinen, L. 1980: Pohjois- ja eteläsuomalaisten Leontodon autumnalis populaatioiden morfologisesta muuntelusta koekentällä Utsjoen Kevolla ja Turussa. - M. Sc. thesis, Department of Biology, University of Turku. 62 pp.
- e Lappalainen, J. & Helander, M. 1997: The role of foliar microfungi in mountain birch - insect herbivore relationships. - Ecography 20: 116-122.
- o Lassila, M. 1966: Mänty (*P. silvestris* L.) Utsjoki-Kevojokilaaksossa. Väri- ja väärävärökuvatulokinta. - Laudatur thesis, Department of Biology, University of Turku. 42 pp + 10 app.
- o Launne, L. 1961: Eräiden tunturikasvien esiintymisestä Kevojärven rannalla. - B. Sc. thesis, Department of Biology, University of Turku. 22 + 9 pp.
- o Launne, L. 1964: *Poa nemoralis*ksen varioinnista. - M. Sc. thesis, Department of Biology, University of Turku. 80 pp.
- e Lehtilä, K., Tuomi, J. & Sulkinen, M. 1994: Bud demography of the mountain birch *Betula pubescens* ssp. *tortuosa* near tree line. - Ecology 75(4): 945-955.
- o Lehtinen, T. 1983: Patjakasvien ekologiaa. - B. Sc. thesis, Department of Biology, University of Turku. 35 pp.
- o Lehtinen, T. 1985: Havainnot uuvan (Diapensia lapponica L.) vuotuisesta yhteytysrytmistä ja sen ekologisista ja morfologisista kytkennöistä. - M. Sc. thesis, Department of Biology, University of Turku. 90 pp.
- k Lehtonen, J. 1979: Lapin koivutuho - luonnollinen ekokatastrofi. - Suomen Luonto 38(6): 264-269.
- k Lehtonen, J. 1981: Kasvillisuuden muutokset tunturimittarin aiheuttaman tuhon jälkeen. - Luonnon Tutkija 85(3): 123-126.
- e Lehtonen, J. 1987: Recovery and development of birch forests damaged by *Epirrita autumnata* in Utsjoki area, North Finland. - Reports from the Kevo Subarctic Research Station 20: 35-39.
- e Lehtonen, J. & Heikkinen, R. K. 1995: On the recovery of mountain birch after *Epirrita* damage in Finnish Lapland, with a particular emphasis on reindeer grazing. - Ecoscience 2(4): 349-356.
- e Lehtonen, J. & Yli-Rekola, M. 1979: Field and ground layer vegetation in birch forests after *Oporinia* damage. - Reports from the Kevo Subarctic Research Station 15: 27-32.
- e Lehtonen, J. A., Volanto-Lumppio, K. & Vuorio, P. 1994: The effects of continuous illumination on southern and northern *Micrasterias* strains. - Physiologia Plantarum 91(3): 413-418.
- e Leikola, M. 1969: The influence of environmental factors on the diameter growth of forest trees. - Acta Forestalia Fennica 92: 1-144.
- o Linnaluoto, L. 1978: *Gentiana nivalis*ksen siementen itämisekologiasta. - B. Sc. thesis, Department of Biology, University of Turku. 29 + 1 pp.
- o Liukkonen, A. 1961: Kasvun riippuvaisuus ilmastollisista tekijöistä Utsjoen Kotkapahdalla keväällä 1961. - B. Sc. thesis, Department of Biology, University of Turku. 25 pp + app.
- o Liukkonen, A. 1964: Eräät bioilmaston piirteet Utsjoen flooran ja sen vyöhykkeisyyden selittäjinä. - M. Sc. thesis, Department of Biology, University of Turku. 136 pp.
- e Lodenius, M. & Malm, J. 1990: Influence of acidification on metal uptake in plants. - In: Kauppi, P., Anttila, P. & Kenttämies, K. (eds.): Acidification in Finland. Springer Verlag, Berlin, pp 495-503.
- o Loponen, J. 1998: Isolation and identification of plant phenolic compounds in birch leaves. Air pollution stress and leaf phenolics. - Phil. doc. thesis, Department of Chemistry, University of Turku. 65 pp. + * app.
- k Lounamaa, J. & Vuokko, S. 1978: Kasvit kallioperän indikaattoreina Lapissa. - Acta Lapponica Fennica 10: 122-128.
- o Lyly, O. 1977: Mekopropin hajoaminen subarktisisä olosuhteissa. - M. Sc. thesis, Department of Biology, University of Turku. 55 pp.
- e Lähde, E. 1974: Rate of decomposition of cellulose in forest soils in various parts of the Nordic countries. - Reports from the Kevo Subarctic Research Station 11: 72-78.
- k Lähde, E. & Raulo, J. 1977: Eri kehitysvaiheessa istutettujen rauduskoivun taimien viljelyn onnistuminen auratuilla uudistusaloilla Pohjois-Suomessa. - Communicationes Instituti Forestalis Fennicae 91(6): 1-31.
- o Mantere, P. 1982: Lannoituksen vaikutuksesta maaperään, sen hajotustoimintaan ja kasvillisuuteen Utsjoella. - M. Sc. thesis, Department of Biology, University of Turku. 82 pp.
- s Mikkola, E., MS: Manuscript concerning the flora of Inari Lapland and Saariselkä. - Archives of the Kevo Subarctic Research Institute, University of Turku, Finland, 41 pp.
- e Molski, B. & Dmuchowski, W. 1990: The comparison of environmental pollution in northern Finland near Kevo and in Poland with the use of *Pinus sylvestris* L. as bioindicator. - Reports from the Kevo Subarctic Research Station 21: 27-30.
- o Mäkinen, A. 1969: - B. Sc. thesis, Department of Biology, University of Turku. 28 pp.

- o Mäkinen, A. 1971: Maahengityksestä ja sen riippuvuudesta ulkoisista tekijöistä Kevon IBP-koealoilla. - M. Sc. thesis, Department of Biology, University of Turku. 56 pp.
- e Mäkinen, Y. 1963: On the smuts of the genus *Ustilago* on *Calamagrostis* species in Finland. - *Karstenia* 6-7: 88-94.
- e Mäkinen, Y. 1963: Zur Kenntnis der Micromyceten-flora Finnlands 1. Für Finnland neue oder seltene Rost- und Mehltapilze. - *Karstenia* 6-7: 95-101.
- e Mäkinen, Y. 1963: *Plectania protracta* (Fr.) Gelin in Finland. - *Karstenia* 6-7: 105-107.
- e Mäkinen, Y. 1964: On Finnish micromycetes 3. Uredinales of Inari Lapland. - Reports from the Kevo Subarctic Research Station 1: 155-177.
- e Mäkinen, Y. 1966: On the macroecology of some rust fungi. - Reports from the Kevo Subarctic Research Station 3: 75-84.
- e Mäkinen, Y. 1967: A variety of *Calamagrostis lapponica* in Finnish Lapland. - *Botaniska Notiser* 120: 501-503.
- e Mäkinen, Y. 1969: On Finnish micromycetes 8. Erysiphales of Inari Lapland. - Reports from the Kevo Subarctic Research Station 5: 109-116.
- e Mäkinen, Y. 1971: On Finnish micromycetes 9. *Sphaerotheca drabae* Juel on *Saxifraga nivalis* in Finnish Lapland. - Reports from the Kevo Subarctic Research Station 7: 70-73.
- k Mäkinen, Y. 1972: Suomuraimen taloudellisesta merkityksestä ja viljelymahdollisuuksista Suomessa. - *Lapin tutkimusseura, Vuosikirja* 13: 10-14.
- s Mäkinen, Y. 1974: Suomuraimen viljelystä. - *Suo* 25(3-4): 65-70.
- k Mäkinen, Y. 1981: Inarin Lapin kasvistokartoitus. - *Luonnon Tutkija* 85(3): 84-90.
- e Mäkinen, Y. & Kallio, P. 1979: The vascular plants of Inari Lapland, Finland. - *Kevo Notes* 4: 1-47.
- e Mäkinen, Y. & Oikarinen, H. 1974: Cultivation of cloudberry in Fennoscandia. - Reports from the Kevo Subarctic Research Station 11: 90-102.
- e Mäkinen, Y. & Pohjola, A. 1969: Three discomycetous genera new to Finland. - *Karstenia* 9: 5-8.
- e Mäkinen, Y. & Pohjola, A. 1981: Estimation of mushroom yield on the basis of atmospheric spore frequencies. - *Rep. Aerobiol. Lab., University of Turku* 5: 117-127.
- e Mäkinen, Y., Kallio, P., Laine, U. & Nurmi, J. 1982: Vascular flora of Inari Lapland. 5. Urticaceae - Caryophyllaceae. - Reports from the Kevo Subarctic Research Station 18: 10-94.
- e Mäkinen, Y., Kallio, P., Laine, U. & Nurmi, J. 1998: Vascular flora of Inari Lapland. 6. Nymphaeaceae - Papaveraceae. - Reports from the Kevo Subarctic Research Station 22: 25-86.
- e Neuvonen, S., Nyyssönen, T., Ranta, H. & Kiilunen, S. 1991: Simulated acid rain and the reproduction of mountain birch [*Betula pubescens* ssp. *tortuosa* (Ledeb.) Nyman]: a cautionary tale. - *New Phytologist* 118: 111-117.
- o Niemi, S. 1979: Mono- ja polykormisen tunturikoivun viljelytaimien varhaisanalyysi. - B. Sc. thesis, Department of Biology, University of Turku. 22 + 6 pp.
- o Niemi, S. 1981: Viljeltyyn taimimateriaaliin perustuva analyysi tunturikoivun *Betula pubescens* var. *tortuosa* (Ledeb.) Koehne eri muotojen vaihtelusta. - M. Sc. thesis, Department of Biology, University of Turku. 69 pp.
- o Nisula, S. 1990: Defoliaation vaikutus rauduskoivun (*Betula pendula* Roth) eminorkkojen kehitykseen. - M. Sc. thesis, Department of Biology, University of Turku. 45 + 5 pp.
- e Nordeloos, M. E. 1981: Notes on *Entoloma* (Basidiomycetes, Agaricales) in Inari Lapland, northernmost Finland. - Reports from the Kevo Subarctic Research Station 17: 32-40.
- o Nurmi, J. 1970: *Campanula rotundifolia* L. s.l. muuntelusta Suomessa ja pohjois-Norjassa. - Phil. Lic. thesis, Department of Biology, University of Turku. 130 pp.
- k Nurmi, J. 1975: Lemmenjoen kansallispuiston kasviharvinaisuuksia. - *Luonnon Tutkija* 79(4): 118-119.
- k Nurmi, J. 1980: *Campanula rotundifolia* L. - *Kissankello*. - Teoksessa *Suuri Kasvikirja III* (toim. Jalas, J.), ss. 666-671.
- e Nurmi, J. 1986: Chromosome numbers and variation of the *Campanula rotundifolia* complex in Northwestern Europe. - *Acta Univ. Ups., Symb. Bot. Ups.* 27(2): 235-239.
- o Nyman, A. 1960: Utsjoen pitäjän Mantojärven vesikasvillisuudesta. - M. Sc. thesis, Department of Biology, University of Turku. 102 + 2 pp.
- e Nyman, A. 1964: Aquatic vegetation of Lake Mantojärvi in Inari Lapland, Finland. - Reports from the Kevo Subarctic Research Station 1: 60-68.
- k Ohenoja, E. 1978: Lapin suursienistä ja sienisadosta. - *Acta Lapponica Fenniae* 10: 84-88.
- e Ohenoja, E. 1996: A check-list of the larger fungi in Inari Lapland (NE Finland) and in Finnmark (NE Norway). - *Kevo Notes* 11: 1-44.
- o Ojala, A. 1982: Väinönputken (*Angelica archangelica* L. subsp. *archangelica*) populaatioiden välisestä muuntelusta ja siementen itämiseen vaikuttavista tekijöistä. - Phil. Lic. thesis, Department of Biology, University of Turku, Finland. 90 pp.
- s Ojala, A. 1983: Väinönputki, Lapin perinteinen hyötykasvi. - *Terveiden Elämäntapojen Edistämislehti* 1983(2): 66-67.
- e Ojala, A. 1984: Variation of *Angelica archangelica* subsp. *archangelica* (Apiaceae) in northern Fennoscandia. 1. Variation in fruit morphology. - *Annales Botanici Fennici* 21(1): 103-115.
- e Ojala, A. 1985: Seed dormancy and germination in *Angelica archangelica* subsp. *archangelica* (Apiaceae). - *Annales Botanici Fennici* 22(1): 53-62.
- e Ojala, A. 1985: Variation of *Angelica archangelica* subsp. *archangelica* (Apiaceae) in northern Fennoscandia. 2. Phenological life strategy and reproductive output. - *Annales Botanici Fennici* 22(3): 183-194.
- o Ojala, A. 1986: Variation, reproduction and life history strategy of *Angelica archangelica* subsp. *archangelica* in northern Fennoscandia. - Phil. Doc. thesis, Reports from the Department of Biology, University of Turku 13. 16 pp + 6 app.

- e Ojala, A. 1986: Variation of *Angelica archangelica* subsp. *archangelica* (Apiaceae) in northern Fennoscandia. 3. Interpopulational variation in reproductive and life-history characters. - *Annales Botanici Fennici* 23(1): 11-21.
- e Ojala, A. 1986: Variation of *Angelica archangelica* subsp. *archangelica* (Apiaceae) in northern Fennoscandia. 4. Pattern of geographic variation. - *Annales Botanici Fennici* 23(1): 23-31.
- k Ojala, A. 1988: Perinteikäs väinönputki. - *Suurtalousuutiset* 9: 46-47.
- k Ojala, A. 1991: Pohjanvariksenmarjan lisääntymisstrategiasta. - *Luonnon Tutkija* 95(1-2): 53-55.
- e Ojala, A., Hinneri, S. & Yliaho, H. 1987: Mineral element content of *Angelica archangelica* subsp. *archangelica*. - *Reports from the Kevo Subarctic Research Station* 20: 41-45.
- e Ojala, A., Huopalahti, R., Nykänen, A. & Kallio, H. 1986: Variation of *Angelica archangelica* subsp. *archangelica* (Apiaceae) in northern Fennoscandia. 5. Variation in composition of essential oil. - *Annales Botanici Fennici* 23(4): 325-332.
- o Oksanen, L. 1982: Trophic exploitation in relation to primary production. - Phil. Doc. thesis, Reports from the Department of Biology, University of Turku 5.
- o Olli, E. 1966: Kokeita *Diapensia lapponica* ja *Gentiana nivaliksen* itämisestä. - B. Sc. thesis, Department of Biology, University of Turku. 29 pp.
- o Olli, E. 1969: Tutkimuksia GA:n ja valon vaikutuksesta *Gentiana nivaliksen* ja *Diapensia lapponica* siementen itämiseen. - M. Sc. thesis, Department of Biology, University of Turku. 74 pp.
- o Ovaska, J. 1987: Hieskoivun (*Betula pubescens* Ehrh.) pohjoisten provenienssien fotosynteettinen adaptaatio. - M. Sc. thesis, Department of Biology, University of Turku. 31 pp.
- o Parviainen, R. 1964: Turun yliopiston Lapin tutkimusaseman Kevon tontin kasvillisuudesta. - B. Sc. thesis, Department of Biology, University of Turku. 35 pp + 18 app.
- o Parviainen, R. 1966: Yhteystämisekologisia tutkimuksia *Gyrophora vellea* (L.) Ach.-jäkälällä. - M. Sc. thesis, Department of Biology, University of Turku. 56 + 37 pp.
- o Parviainen, R. 1983: Luonnonkasvien perinteisestä käytöstä Suomen Lapissa. - Phil. Lic. thesis, Department of Biology, University of Turku, Finland. 148 + 4 pp.
- o Pato, P. 1964: *Boletus*-suku tunturi-Lapin itäisessä osassa. - M. Sc. thesis, Department of Biology, University of Turku. 50 + 6 pp.
- o Pelkonen, M. 1968: Tutkimuksia *Cladonia uncialiksen* (L.) Web. morfologiasta ja taksoniasta. - M. Sc. thesis, Department of Biology, University of Turku. 122 pp.
- e Pertola, E. 1961: Züge aus der Flora und Vegetation im Ostteil des Saariselkä-Massives im finnischen Ostlappland. - *Annales Universitatis Turkuensis Ser. A II*, 27: 1-38.
- e Pihakaski, K. 1966: Ecological and morphological studies on *Luzula arcuata* (Wg.) Sw. - *Reports from the Kevo Subarctic Research Station* 3: 143-176.
- e Pihakaski, K. 1981: Seasonal changes in structure of mesophyll cells in subarctic *Diapensia lapponica* L. - *Reports from the Kevo Subarctic Research Station* 17: 67-80.
- o Pihakaski, S. 1963: *Luzula multiflora* ja sen esiintymisestä Inarin Lapin (Li) pohjoisosissa. - B. Sc. thesis, Department of Biology, University of Turku. 48 + 3 pp.
- e Pihakaski, S. 1966: Studies on northern *Luzula multiflora* (Retz.) Lej. races. - *Reports from the Kevo Subarctic Research Station* 3: 106-131.
- s Pihakaski, S. 1982: Seasonal changes in protein, nucleic acids and carbohydrates in *Diapensia lapponica* L.. - Abstracts of SPPS Nordiske Kongres for plantefysiologi, 1982 Århus, p. 91.
- e Pihakaski, S. 1985: Variation of proteins, nucleic acids and carbohydrates in the annual cycle of *Diapensia lapponica*. - *Acta Horticulture* 168: 187.
- o Piironen, P. 1959: Tutkimuksia eräiden pohjoisten kasvilajien siementen itävyydestä. - M. Sc. thesis, Department of Biology, University of Turku. 83 + 9 app.
- e Pirola, J. 1967: Die glazialen Oberflächenformen und die Entwicklung der Täler auf den Fjelden Marastotunturit und Viipustunturit in Finnisch-Lappland. - *Annales Academiae Scientiarum Fennicae Series A. III*. 92: 1-115.
- k Pirola, J. 1969: Rakkakenttien suhde metsänrajoihin Saariselällä. - *Terra* 81: 206-208.
- e Pirola, J. 1972: The Inari region of Finnish Lapland. - *Fennia* 111: 1-86 + app.
- o Piitulainen, R-L. 1965: Koivun epifyyttijäkäliden esiintymisestä Inarin-Lapissa. - B. Sc. thesis, Department of Biology, University of Turku. 30 + 1 pp.
- e Prudhomme, T. I. 1982: The effect of defoliation history on photosynthetic rates in mountain birch. - *Reports from the Kevo Subarctic Research Station* 18: 5-9.
- o Puhakainen, T. 1987: Uuunan (*Diapensia lapponica* L.) antosyaniinien vuodenaikainen vaihtelu. - M. Sc. thesis, Department of Biology, University of Turku. 39 + 5 pp.
- o Pulkkinen, P. 1994: Aerobiology of pine pollen: dispersal of pollen from non-uniform sources and impact on Scots pine seed orchards. - Phil. Doc. thesis, Reports from the Foundation for Forest Tree Breeding 8. 23 pp + 5 app.
- o Punkkinen, R. 1989: Nitrogen oxidation in electric streamer discharges and related atmospheric phenomena. - Phil. Doc. thesis, Department of Physical sciences, University of Turku. ** pp.
- o Puolasmaa, A. 1983: Lapin rouskuista (*Lactarius*) havumetsänrajan pohjoispuolella. - B. Sc. thesis, Department of Biology, University of Turku. 42 pp.
- o Pölkki, J. 1993: Happo- ja raskasmetallisadetuksen vaikutukset varpujen ravinnetalouteen. - M. Sc. thesis, Department of Biology, University of Turku. 42 + 2 pp.
- o Rahkonen, R. 1968: Lemmenjoen kansallispuiston puronvarsikasvistosta. - B. Sc. thesis, Department of Biology, University of Turku. 33 pp.
- s Rahkonen, R. 1970: Havaintoja Lemmenjoen kansallispuiston alueelta ja sen ympäristöstä kesällä 1970. - *Mim.*, Department of Biology, University of Turku. 20 pp.
- o Raita, A. 1963: Lämpötilan vaikutus *Gentiana nivaliksen* siementen itämiseen. - B. Sc. thesis, Department of Biology, University of Turku. 37 pp.
- o Raita, A. 1964: Fysiologisia ja ekologisia tutkimuksia *Gentiana nivaliksen* siementen itämisestä. - M. Sc. thesis, Department of Biology, University of Turku. 73 pp.
- o Ranne, R. 1978: Jäkäliden typen yhteys alhaisissa lämpötiloissa. - B. Sc. thesis, Department of Biology, University of Turku. 19 pp.

- o Ranne, R. 1983: Typpipitoisten metsälannoitteiden vaikutus jäkälän ja sammalien (pintalevien) C₂H₂:n (N₂:n) pelkistykseen ja CO₂:n vaihtoon. - M. Sc. thesis, Department of Biology, University of Turku. 58 + 8 pp.
- o Ranta, H. 1989: Simuloidun happosateen vaikutukset männyn (*Pinus sylvestris* L.) epi- ja endofyyttisiin mikrosieniin. - M. Sc. thesis, Department of Biology, University of Turku. 41 + 1 pp.
- e Ranta, H. M. 1990: Effects of simulated acid rain on quantity of epiphytic microfungi of Scots pine (*Pinus sylvestris* L.) needles. - *Environmental pollution* 67(4): 349-359.
- s Ranta, H. 1994: Surmakka (*Gremmeniella abietina*) ja raskasmetallisaasteet. - Joensuun yliopisto, Metsätieteellinen tiedekunta, Tiedonantoja 12: 32-36.
- o Ranta, H. 1995: Implications of anthropogenic pollution for the host-pathogen system of Scots Pine and *Gremmeniella abietina*. - Phil. Doc. thesis, Reports from the Department of Biology, University of Turku 47. 18 pp + 5 app.
- e Ranta, H. & Neuvonen, S. 1994: The host-pathogen system of *Gremmeniella abietina* (Lagerb.) Morelet and Scots pine; effects of non-pathogenic phyllosphere fungi, acid rain and environmental factors. - *The New Phytologist* 128: 63-69.
- k Ranta, H. & Neuvonen, S. 1995: Ilmansaasteet, surmakka ja ei-patogeeniset sienet. - In: Tikkanen, E. (ed.), *Kuolan saastepäästöt Lapin metsien rasitteena*. Gummerus, pp. 159-163.
- e Ranta, H., Neuvonen, S. & Virtanen, T. 1995: Effects of sulphuric acid and heavy-metal deposition on frequency of asymptomatic infections of *Gremmeniella abietina* in Scots-pine seedlings. - *European Journal of Forest Pathology* 25: 5-12.
- e Ranta, H., Neuvonen, S. & Ylimartimo, A. 1995: Interactions of *Gremmeniella abietina* and endophytic fungi in shoots of Scots pine trees treated with simulated acid rain. - *Journal of Applied Ecology* 32(1): 67-75.
- o Rasku, M-L. 1974: *Peltigera aphthosa*-jäkälän typenyhteytyksestä. - M. Sc. thesis, Department of Biology, University of Turku. 46 + 3 pp.
- o Raulo, J. 1974: Metsäpuiden vuotuisen kasvun ajoittumisesta ja erilaisten rauduskoivujälkeläistöjen kehityksestä Etelä-, Keski- ja Pohjois-Suomessa. - Phil. Lic. thesis, Department of Biology, University of Turku. 2 pp + 5 app.
- e Raulo, J. 1976: Development of *Betula pendula* Roth progenies in northern Lapland. - *Communicationes Instituti Forestaliae Fennicae* 88(4): 1-19.
- e Raulo, J. 1976: Development of dominant trees in *Betula pendula* Roth and *Betula pubescens* Ehrh. plantations. - *Communicationes Instituti Forestaliae Fennicae* 90(4): 1-15.
- o Raulo, J. 1977: Studies on the growth of trees in *Betula* plantations and progeny tests in Finland. - Phil. Doc. thesis, Department of Biology, University of Turku. 22 pp.
- k Raulo, J. & Lähde, E. 1977: Rauduskoivun viljelytuloksia Lapissa. - *Folia Forestalia* 325: 1-10.
- o Rautava, E. 1964: Vaskojoen vesikasvillisuudesta. - B. Sc. thesis, Department of Biology, University of Turku. 46 pp + 2 app.
- e Rautava, E. 1964: Über die Wasservegetation des Flusses Vaskojoki im nördlichsten Finnland. - *Reports from the Kevo Subarctic Research Station* 1: 69-93.
- o Rautava, E. 1969: Tutkimuksia Vaskojoen vesikasvillisuudesta I. - Phil. Lic. thesis, Department of Biology, University of Turku. 198 + 2 pp.
- o Rautava, E. 1971: Tutkimuksia Vaskojoen vesikasvillisuudesta II. - Phil. Lic. thesis, Department of Biology, University of Turku. 122 + 30 pp.
- e Rautava, E. 1972: Amphiphytic and aquatic moss vegetation in the rivers Vaskojoki and Kettujoki in Finnish Lapland. - *Reports from the Kevo Subarctic Research Station* 9: 99-107.
- s Rautiainen, V-P. 1992: Pensaskanervan (*Myricaria germanica*) esiintyminen Utsjoella vuonna 1991. - Mim., Loppuraportti ympäristöministeriölle, 26 pp.
- k Rintanen, T. 1961: *Dryas octopetala*n erikoinen kasvupaikka Saariselällä. - *Luonnon Tutkija* 65(1): 20-21.
- k Rintanen, T. 1964: Kolme Kemin Lapille uutta saralajia Raututunturien - Saariselän alueelta. - *Luonnon Tutkija* 68(2): 79.
- e Rintanen, T. 1967: On the distribution of some boreal plants in Eastern Lapland. - *Aquilo, Ser. Bot.* 6: 197-208.
- e Rintanen, T. 1968: The distribution of field plants in eastern Lapland. - *Annales Botanici Fennici* 5(4): 225-305.
- e Rintanen, T. 1970: On the vegetation and ecology of frost ground sites in eastern Finnish Lapland. - *Annales Botanici Fennici* 7(1): 1-24.
- e Rintanen, T. 1970: Floristic areas distinguished in eastern Finnish Lapland on the basis of field plant distribution. - *Annales Botanici Fennici* 7(4): 353-374.
- e Rintanen, T. 1976: Lake studies in eastern Finnish Lapland. I. Aquatic flora: Phanerogams and Charales. - *Annales Botanici Fennici* 13(3): 137-148.
- e Rintanen, T. 1982: Botanical lake types in Finnish Lapland. - *Annales Botanici Fennici* 19(4): 247-274.
- k Rintanen, T., Ulvinen, T. & Karlström, P. 1978: Lapin vesien kasvimaailma. - *Acta Lapponica Fennicae* 10: 56-63.
- e Rosswall, T., Veum, A. K. & Kärenlampi, L. 1975: Plant litter decomposition at Fennoscandian tundra sites. - In: Wielgolaski, F. E. (ed.): *Fennoscandian tundra ecosystems*. Part 1. Springer Verlag. *Ecological Studies* 16: 268-278.
- s Rousi, A. 1993: Paavo Kallio. - *Academia Scientiarum Fennica, Vuosikirja 1992-93*: 91-95.
- o Routio, I. 1990: Happosadetuksen ja mäntykirvojen (*Cinara pinea* ja *Schizolachnus pineti*) yhdysvaikutus männyntaimiin (*Pinus sylvestris*). - M. Sc. thesis, Department of Biology, University of Turku.
- e Ruoho-Airola, T., Mäkelä, K. & Tuominen, S. 1995: Monitoring of heavy metal load - by mosses or rain water chemistry. - *Proceedings of the 10th World Clean Air Congress*, Espoo Finland

May 28 - June 2 1995, pp. 404-407.

e Ruoho-Airola, T., Syri, S. & Nordlund, G. 1998: Acid deposition trends at the Finnish Integrated Monitoring catchments in relation to emission reductions. - *Boreal Environment Research* 3: 205-219.

s Rühling, Å, Rasmussen, L., Pilegaard, K., Mäkinen, A. & Steinnes, E. 1987: Survey of atmospheric heavy metal deposition in the Nordic countries in 1985 - monitored by moss analyses. - *Nord* 21: 1-44.

o Saari, S. 1961: *Lactarius trivialis* Fr.-sienen varioinnista ja ekologiasta perä-Lapissa. - B. Sc. thesis, Department of Biology, University of Turku. 23 pp.

o Saarinen, H. 1995: Pohjanvariksenmarjan (*Empetrum nigrum* subsp. *hermaphroditum* Hagerup) allelopaattiset vaikutukset. - M. Sc. thesis, Department of Biology, University of Turku. 43 + 4 pp.

o Saarnio, E. 1980: Seinäsammalen (*Pleurozium schreberi*), kerrossammalen (*Hylocomium splendens*) ja kallion tierasammalen (*Rhacomitrium lanuginosum*) CO₂-yhteytyksen adaptaatiosta ja akkliimaatiosta. - M. Sc. thesis, Department of Biology, University of Turku. 48 pp.

e Saloniemi, I. 1997: Mathematical models of plant/fungus interactions. - In: Carroll & Tudzynski (eds.): *The Mycota V, Part B, Plant Relationships*. Springer-Verlag. Berlin-Heidelberg.

o Sandbacka, P. 1974: Poron laidunnuksen vaikutus jäkälämaiden vesi- ja lämpötilouteen Pohjois-Lapissa. - M. Sc. thesis, Department of Biology, University of Turku. 81 pp.

e von Schantz, M. & Ivars, L. 1964: Über die Zusammensetzung des ährerischen Öles von *Thymus serpyllum* ssp. *tanaensis* (Hyl.) Jalas. - *Reports from the Kevo Subarctic Research Station* 1: 301-307.

e von Schantz, M. & Widén, C-J. 1967: Anatomische und chromatographische Studien über *Dryopteris fragrans* (L.) Schott. - *Scientia Pharmaceutica* 35: 197-210.

e Sewón, P., Mikola, H., Lehtinen, T. & Kallio, P. 1997: Polar lipids and net photosynthesis potential of subarctic *Diapensia lapponica*. - *Phytochemistry* 46: 1339-1347.

o Shevtsova, A. 1998: Responses of subarctic dwarf shrubs to climate change and air pollution. - Phil. Doc. thesis, *Annales Universitatis Turkuensis, Ser. A II*, 113: 22 pp. + * app.

e Shevtsova, A. & Neuvonen, S. 1997: Responses of ground vegetation to prolonged simulated acid rain in sub-arctic pine-birch forest. - *The New Phytologist* 136: 613-625.

e Shevtsova, A., Ojala, A., Neuvonen, S., Vieno, M. & Haukioja, E. 1995: Growth and reproduction of dwarf shrubs in a subarctic plant community: annual variation and above-ground interactions with neighbours. - *Journal of Ecology* 83(2): 263-275.

e Shevtsova, A., Haukioja, E. & Ojala, A. 1997: Growth response of subarctic dwarf shrubs *Empetrum nigrum* and *Vaccinium vitis-idaea* to manipulated environmental conditions and species removal. - *Oikos* 78: 440-458.

o Siik, K. 1992: Happosadetuksen vaikutus männyn (*Pinus sylvestris*) neulasten hienorakenteeseen ja alkuaineepitoisuuksiin. - M. Sc. thesis, Department of Biology, University of Turku. 59 pp.

o Siltanen, P. 1962: Kevojärven vesikasvillisuus. - B. Sc. thesis, Department of Biology, University of Turku. 105 + 2 pp.

k Siltanen, P. 1962: *Potamogeton obtusifolius* M. & K. Inarissa. - *Luonnon Tutkija* 66(4): 134-135.

e Siltanen, P. 1964: The aquatic flora and vegetation of Lake Kevojärvi. - *Reports from the Kevo Subarctic Research Station* 1: 41-59.

o Siltanen, P. 1967: Inarin Lapin vesikasvien ekologiasta. - M. Sc. thesis, Department of Biology, University of Turku. 229 pp + app.

o Siltovuori, A. 1977: Pakastuksen vaikutus *Peltigera aphthosan* ja *Peltigera leucophlebian* nitrogeenaasientsyymien aktiivisuuteen. - *Laudatur thesis*, Department of Biology, University of Turku. 32 pp.

e Skartveit, A., Rydén, B. E. & Kärenlampi, L. 1975: Climate and hydrology of some Fennoscandian tundra ecosystems. - In: Wielgolaski, F. E. (ed.): *Fennoscandian tundra ecosystems*. Part 1. Springer Verlag. *Ecological Studies* 16: 41-53.

e Sonck, C. E. 1981: Om *Nymphaea candida* och endel andra strand- eller vattenväxter i Enare Lappmark. (Summary: *Nymphaea candida* and some other plants in northern Finnish Lapland.) - *Memoranda Societatis pro Fauna et Flora Fennica* 57: 21-24.

e Sonck, C. E. 1983: Zwei neue *Taraxacum*-Arten aus dem nördlichen Lappland. (Summary: Two new *Taraxacum* species from Northern Lapland.) - *Memoranda Societatis pro Fauna et Flora Fennica* 59: 1-7.

e Sonesson, M., Wielgolaski, F. E. & Kallio, P. 1975: Description of Fennoscandian tundra ecosystems. - In: Wielgolaski, F. E. (ed.): *Fennoscandian Tundra Ecosystems*. Part 1. Springer Verlag. *Ecological Studies* 16: 3-28.

e Starr, M., Hartman, M. & Kinnunen, T. 1998: Biomass functions for mountain birch in the Vuoskojärvi Integrated Monitoring area. - *Boreal Environment Research* 3: 297-303.

k Sulkinoja, M. 1981: Lapin koivulajien muuntelusta ja risteytymisestä. - *Lapin tutkimusseura, Vuosikirja* 22: 22-30.

e Sulkinoja, M. 1990: Hybridization, introgression and taxonomy of the Mountain birch in SW Greenland compared with related results from Iceland and Finnish Lapland. - *Meddelelser om Grønland, Biosci.* 33: 21-29.

e Sulkinoja, M. & Valanne, T. 1980: Polyembryony and abnormal germination in *Betula pubescens* subsp. *tortuosa*. - *Reports from the Kevo Subarctic Research Station* 16: 31-37.

- e Sulkinoja, M. & Valanne, T. 1987: Leafing and bud size in *Betula* provenances of different latitudes and altitudes. - Reports from the Kevo Subarctic Research Station 20: 27-33.
- k Sulkinoja, M., Inki, M. & Valanne, T. 1981: Lapin koivulajien ja niiden hybridien tutkimuksesta. - Luonnon Tutkija 85(3): 111-116.
- o Suominen, M. 1990: Männyn neulasten kemiallisesta koostumuksesta. Keinotekoisien happaman sateen vaikutus männynneulaskarikkeen hajoamiseen ja neulasten tanniinipitoisuuksiin. - M. Sc. thesis, Department of Chemistry, University of Oulu. 80 pp.
- o Suominen, R. 1966: Piirteitä Lapin Russula-lajistosta. - B. Sc. thesis, Department of Biology, University of Turku. 57 pp.
- o Suominen, R. 1971: Lapin Russula-lajeista. - M. Sc. thesis, Department of Biology, University of Turku. 98 pp.
- s Särkilahti, E., Kiilunen, S., Sulkinoja, M. & Valanne, T. 1988: The occurrence and significance of hybridization, introgression and polyploidy in birch (*Betula* sp.) and aspen (*Populus tremula* L.) in northern Finland. - In: Hällgren, J-E. (ed.): Molecular genetics of forest trees. Proc. Frans Kempe Symp. in Umeå, June 14-16, 1988. pp. 219-221.
- o Tilli, P. 1977: Pohjois-Lapin jäkälien hivenainetaloudesta. - M. Sc. thesis, Department of Biology, University of Turku. 87 pp.
- o Tourunen, E. 1961: Havaintoja Ivalon, Inarin ja Kaamasen kyläkasvistosta. - B. Sc. thesis, Department of Biology, University of Turku. 41 pp.
- e Treter, U. 1984: Die Baumgrenzen Skandinaviens ökologische und dendroklimate Untersuchungen. - Wiesbaden. 111 pp.
- o Tuominen, K. 1968: Kokeellisia ja ekologia tutkimuksia *Potentilla norvegica* L. pohjoisten ja eteläisten kantojen eroista. - M. Sc. thesis, Department of Biology, University of Turku. 64 + 15 pp.
- s Turunen, M. & Huttunen, S. 1990: Physico-chemical characteristics of *Pinus sylvestris* L. needle surfaces after long-term acid rain treatment. - Abstract in IUFRO XIX World Congress, Montreal Canada, August 5-11, 1990. p. 576.
- e Turunen, M. & Huttunen, S. 1991: Effect of simulated acid rain on the epicuticular wax of Scots pine needles under northerly conditions. - Canadian Journal of Botany 69: 412-419.
- e Turunen, M., Huttunen, S., Staszewski, T. & Poborski, P. 199*: Influence of the climate and air pollution on needle surface characteristics in the Scots pine (*Pinus sylvestris* L.). - In: Teller, A., Mathy, P. & Jeffers, J. (eds.): Responses of forest ecosystems to environmental changes. pp. 643-644.
- e Ungerson, J. & Scherdin, G. 1964: Über die plötzlichen Änderungen in dem Tagesverlauf der Photosynthese und der Atmung unter natürlichen Bedingungen. - Reports from the Kevo Subarctic Research Station 1: 308-321.
- e Ukonmaanaho, L., Starr, M., Hirvi, J-P., Kokko, A., Lahermo, P., Mannio, J., Paukola, T., Ruoho-Airola, T. & Tanskanen, H. 1998: Heavy metal concentrations in various aqueous and biotic media in Finnish Integrated Monitoring catchments. - Boreal Environment Research 3: 235-249.
- e Vaarama, A. & Laine, U. 1974: The southern element in the moss flora of Utsjoki, Inari Lapland, North Finland. - Reports from the Kevo Subarctic Research Station 11: 112-125.
- s Vaarama, A. & Valanne, T. 1970: Induced mutations and polyploidy in birch, *Betula* spp. Final Report (Part V) - PL 480. - Project No. E8-FS-47, Grant No. FG-Fi-133. 100 pp.
- e Vaarama, A. & Valanne, T. 1973: On the taxonomy, biology and origin of *Betula tortuosa* Ledeb. - Reports from the Kevo Subarctic Research Station 10: 70-84.
- o Wagner, F. 1998: The influence of environment on the stomatal frequency in *Betula*. - Phil. doc. thesis, Laboratory of Paleobotany and Palynology, University of Utrecht, LPP Contributions Series 9. ** pp.
- o Vahala, T. 1984: Puolukan, uuvanan ja variksenmarjan juurien ja versojen ravinnepitoisuuksien vuodenaikaisvaihtelut. - M. Sc. thesis, Department of Biology, University of Turku. 54 pp + 3 app.
- o Vainikainen, P. 1961: Tutkimus maaperän huuhtoutumisesta Kevolla. - B. Sc. thesis, Department of Biology, University of Turku. 26 + 7 pp.
- o Vainikainen, P. 1967: Eräiden edafisten tekijäin osuudesta Utsjoen kasvillisuuden vyöhykkeisyyteen. - M. Sc. thesis, Department of Biology, University of Turku. 115 pp + 7 app.
- e Valanne, T. 1978: Soft-wood rooting experiments with *Betula*. - Reports from the Kevo Subarctic Research Station 14: 72-75.
- k Valanne, T. & Sulkinoja, M. 1991: Lapin koivujen risteytymisestä. - Luonnon Tutkija 95(1-2): 83-87.
- e Valanne, N. & Valanne, T. 1984: The development of the photosynthetic apparatus during bud burst and leaf opening in two subspecies of *Betula pubescens* Ehrh. - Reports from the Kevo Subarctic Research Station 19: 1-10.
- o Vanhatalo, P. 1962: Havaintoja Utsjoen kyläkasvistosta. - B. Sc. thesis, Department of Biology, University of Turku. 30 pp.
- o Vanhatalo, P. 1965: Havaintoja Utsjoen kyläkasvistosta. - M. Sc. thesis, Department of Biology, University of Turku. 145 pp + 13 app.
- o Vauhkonen, M. 1964: Inarin Lapin Sparganium-lajien selvittelyä. - M. Sc. thesis, Department of Biology, University of Turku. 89 + 7 pp.
- e Wielgolaski, F. E. & Kallio, P. 1975: Primary producers. Introduction. - In: Wielgolaski, F. E. (ed.): Fennoscandian Tundra Ecosystems. Part 1. Springer Verlag. Ecological Studies 16: 57-61.
- e Wielgolaski, F. E. & Kärenlampi, L. 1975: Plant phenology of Fennoscandian tundra areas. - In: Wielgolaski, F. E. (ed.): Fennoscandian tundra ecosystems. Part 1. Springer Verlag. Ecological Studies 16: 94-102.

- e Wielgolaski, F. E., Kjølvik, S. & Kallio, P. 1975: Mineral content of tundra and forest tundra plants in Fennoscandia. - In: Wielgolaski, F. E. (ed.): Fennoscandian Tundra Ecosystems. Part 1. Springer Verlag. Ecological Studies 16: 316-332.
- o Vieno, M. 1991: Ruohokanukan (*Cornus suecica* L.) kasvuun ja lisääntymiseen vaikuttavista tekijöistä Utsjoen Kevolla. - M. Sc. thesis, Department of Biology, University of Turku. 39 pp.
- e Vieno, M., Komulainen, M. & Neuvonen, S. 1993: Seed bank composition in a subarctic pine-birch forest in Finnish Lapland: natural variation and the effect of simulated acid rain. - Canadian Journal of Botany 71: 379-384.
- e Wilsey, B. J., Haukioja, E., Koricheva, J. & Sulkinoja, M. 1998: Leaf fluctuating asymmetry increases with hybridization and elevation in tree-line birches. - Ecology 79: 2092-2099.
- o Vinnamo, S. 1963: Kevonsuun kentän kasvistosta ja kasvillisuudesta. - B. Sc. thesis, Department of Biology, University of Turku. 34 + 2 pp.
- o Viskari, R. 1961: Lapin purojen sinivihreistä levistä. - B. Sc. thesis, Department of Biology, University of Turku. 26 + 1 pp.
- k Vuori, P. & Pertola, E. 1959: Kasvihavaintoja itäiseltä Saariselältä (KemL). - Luonnon Tutkija 63(1): 24-25.
- k Vuori, P. & Pertola, E. 1959: Havaintoja Saariselän (KemL) kämmeköistä. - Luonnon Tutkija 63(1): 25.
- e Vuorinen, P. & Helander, M. L. 1995: Variation in airborne urediniospore concentration of *Melampsorium betulinum*. - Aerobiologia 11: 259-264.
- e Vuorisalo, A. 1969: Conjugatophyceae of Utsjoki, Finnish Lapland. - Reports from the Kevo Subarctic Research Station 4: 98-111.
- k Yliaho, H. 1981: Väinönputken aromiaineista. - Luonnon Tutkija 85(3): 144-146.
- o Yli-Mattila, M. 1965: Kevon ja Pulmangin mäntyjen morfologinen populaatioanalyysi. - B. Sc. thesis, Department of Biology, University of Turku. 23 pp.
- o Yli-Mattila, M. 1967: Utsjoen Kevon mäntymetsien lisääntymisbiologiasta 1964-1966 tutkimusten valossa. - M. Sc. thesis, Department of Biology, University of Turku. 38 + 11 pp.
- e Zeller, O. 1964: Entwicklungsmorphologische Studien an Blütenknospen von *Rubus arcticus* L. und *Rubus chamaemorus* L. in Finnland. - Arb. Landw. Hochsch. Hohenheim 30: 16-32.
- e Zetterberg, P., Eronen, M. & Briffa, K. R. 1994: Evidence on climatic variability and prehistoric human activities between 165 B.C. and A.D. 1400 derived from subfossil Scots pines (*Pinus sylvestris* L.) found in a lake in Utsjoki, northernmost Finland. - Bull. Geol. Soc. Finland 66(2): 107-124.
- o Aaltonen, J. 1957: Kevon laakson harjumuodostumat. - M. Sc. thesis, Department of Geography, University of Turku. 34 + 3 + 6 pp.
- e Clark, M.J., Gurnell, A.M., Milton, E.J., Seppälä, M. & Kyöstiä, M. 1985: Remotely-sensed vegetation classification as a snow depth indicator for hydrological analysis in sub-arctic Finland. - Fennia 163: 195-216.
- k Eronen, M., Zetterberg, P., Okkonen, J. 1994: Kirveen ja vaakanävertäjän (*Tomicus minor*, Hart.) jälkiä Lapin subfossiilisissa männyissä. - Terra 106(3): 238-248.
- o Harri, M. 1966: Muotkatunturien periglasiialisista ilmiöistä. - B. Sc. thesis, Department of Geography, University of Turku. 42 + 1 pp.
- o Heino, K. 1972: Lumen kinostuminen ja kinostinkokeet Kevolla. - B. Sc. thesis, Department of Geography, University of Turku. 25 pp.
- o Heino, K. 1972: Lumen ilmastollisia, morfologisia ja ekologisia tekijöitä Kevolla talvella 1971-72. - M. Sc. thesis, Department of Geography, University of Turku. 60 pp.
- o Hietaranta, J. 1989: Kevojoen laakson pahtarinteiden rapautumisesta ja taluskeilojen post-glasiialisesta kehityksestä. Esimerkkikohteina Kotka- ja Könkäpähdan keilat. - M. Sc. thesis, Department of Geography, University of Turku. 68 + 14 pp.
- e Hietaranta, J. & Liira T. 1995: Lichenometry: dating the weathering processes in the Kevojoki river valley, northern Finland. - Zeszyty Naukowe Uniwersytetu Jagiellonskiego 98: 111-121.
- **
- o Hyvärinen, S-P. 1986: Kasvipeitteen uusiutuminen Taka-Lapin tieleikkauksilla. - M. Sc. thesis, Department of Geography, University of Turku. 56 + 22 pp.
- o Kaitanen, V. 1957: Kevojoen laakso. - M. Sc. thesis, Department of Geography, University of Turku. 54 + 20 + 9 pp.
- o Kaitanen, V. 1965: Kallioperän pinnanmuodoston kehitys Taka-Lapissa. - Phil. Lic. thesis, Department of Geography, University of Turku. 147 + 13 pp.
- o Kaitanen, V. 1969: A geographical study of the morphogenesis of northern Lapland. - Phil. Doc. thesis, Fennia 99(5): 1-85.
- e Kaitanen, V. 1975: Composition and morphotectonic interpretation of the Kiellajohka drainage basin, Finnish Lapland. - Fennia 140: 1-54.
- e Karczewski, A. 1975: Morphology and textural-structural features of ground and hummocky moraine in the Paistunturit area, Finnish Lapland.- Reports from the Kevo Subarctic Research Station 12: 34-44.
- o Kelppe, T. 1988: Paikallisilmasto Utsjoen Kevolla kesällä 1985. - M. Sc. thesis, Department of Geography, University of Turku. 80 + 2 pp.
- o Kitunen, M. 1988: Paikallisilmasto-olosuhteet Kevolla kevättalvella 1985. - M. Sc. thesis, Department of Geography, University of Turku. 70 + 2 pp.
- k Kulmala, A., Estlander, A., Leinonen, L., Ruoho-Airola, T. & Säynätkari, T. 1982: Ilman laatu Suomen tausta-asezilla 1970-luvulla. - Ilmatieteen laitoksen tiedonantoja 36: 1-159.
- o Laine, S. 1974: Utsjoen maatalous. - M. Sc. thesis, Department of Geography, University of Turku. 69 pp.
- o Laitinen, T. 1984: Korkokuvan vaikutus paikallisilmastoon Kevolla kesäkuussa 1983. - B. Sc. thesis, Department of Geography, University of Turku. 23 + 2 pp.

- o Laitinen, T. 1986: Topografian vaikutus Kevon paikallisilmastoon kesällä 1983. - M. Sc. thesis, Department of Geography, University of Turku. 75 + 2 pp.
- e Lautridou, J-P. & Seppälä, M. 1986: Experimental frost shattering of some precambrian rocks, Finland. - *Geografiska Annaler* 68A(1-2): 89-100.
- o Liira, T. 1991: Kevojkilaakson pahtarapautumista ja talusmuodostumien kehityksestä postglasiaalikaudella. - M. Sc. thesis, Department of Geography, University of Turku. 59 pp + 5 app.
- o Likitalo, O. 1984: Talviset paikallisilmasto-olosuhteet Kevolla. - M. Sc. thesis, Department of Geography, University of Turku. 59 + 1 pp.
- o Mansikkaniemi, H. 1963: Utsjoen Pulmankilaakson glasiaaliset ja postglasiaaliset muodostumat sekä erityisesti Kaldaushjoen suisto. Tenojuonon sivulaakson kehityksen geomorfologiset pääpiirteet jääkaudesta lähtien. - M. Sc. thesis, Department of Geography, University of Turku. 58 + 17 + 15 pp.
- e Mansikkaniemi, H. 1964: Main features of the glacial and postglacial development of Pulmanki valley in northernmost Finland. - *Reports from the Kevo Subarctic Research Station* 1: 322-337.
- o Mansikkaniemi, H. 1966: Pulmanki-Tenolaakson postglasiaalinen kehitys. Dynaamis-geomorfologinen aluetarkastelu. - Phil. Lic. thesis, Department of Geography, University of Turku. 91 + 18 + 18 pp.
- e Mansikkaniemi, H. 1967: Geomorphological analysis of Pulmanki-Tana valley in Lapland. - *Reports from the Kevo Subarctic Research Station* 4: 7-31.
- e Mansikkaniemi, H. 1970: Deposits of sorted material in the Inarijoki-Tana river valley in Lapland. - *Reports from the Kevo Subarctic Research Station* 6: 1-63.
- o Mansikkaniemi, H. 1970: The sinuosity of rivers in northern Finland. - Phil. Doc. thesis, *Reports from the Kevo Subarctic Research Station* 7: 16-31.
- e Mansikkaniemi, H. 1972: Regional differences in the sinuosity of rivers in Finland. - *Fennia* 118: 1-33.
- e Mansikkaniemi, H. 1972: Flood deposits, transport distances and roundness of loose material in the Tana river valley, Lapland. - *Reports from the Kevo Subarctic Research Station* 9: 15-23.
- e Mansikkaniemi, H. 1973: Morphology of the Utsjoki river valley and the uppermost shore line in northernmost Finland. - *Fennia* 123: 1-29.
- e Mansikkaniemi, H. 1974: Some methods of measuring fluvial transportation load, alluvial fan of Jomppala in Utsjoki, Finland. - *Reports from the Kevo Subarctic Research Station* 11: 103-111.
- k Mansikkaniemi, H. 1981: Jokilaaksojen irtaimet kerrostumat sekä niiden synty- ja kehitysvaiheet Tenojuon vesistöalueella. - *Luonnon Tutkija* 85(3): 79-84.
- e Mansikkaniemi, H. 1983: Aims of the Mansikkaniemi method of river sinuosity analysis: re-evaluation of concepts. - *Fennia* 161(2): 311-318.
- s Mansikkaniemi, H. 1985: Tenojkilaakson irtaimet kerrostumat sekä niiden synty- ja kehitysvaiheet. Yleiskuvaus karttalehdittäisen tarkastelun pohjaksi. - Mim., Department of Geography, University of Turku. 14 pp.
- s Mansikkaniemi, H. 1986: Paikallisilmasto-olosuhteista Teno- ja Utsjokilaaksossa. - Mim., Department of Geography, University of Turku. 38 pp.
- k Mansikkaniemi, H. 1989: Yli 30 vuotta Taka-Lapin maantieteellistä tutkimusta Kevolla. - *Terra* 101(3): 244-251.
- e Mansikkaniemi, H. & Laine, S. 1981: Horizontal and vertical differences of temperature during the growing season in the Inarijoki-Teno river valley in Lapland. - *Fennia* 159(1): 137-142.
- e Mansikkaniemi, H. & Laitinen, T. 1990: Pattern of local wind changes in a fell region, northern Finland. - *Reports from the Kevo Subarctic Research Station* 21: 11-20.
- k Mansikkaniemi, H. & Mäki, O-P. 1988: Meanderilenkin oikaisu Pulmankijoen Utsjoen Lapissa - Cut of a meander-loop in the Pulmakijoki river, N-Lapland. - *Geologi* 40(1): 16-21.
- e Mansikkaniemi, H. & Mäki, O-P. 1990: Palaeochannels and recent changes in the Pulmankijoki valley, northern Lapland. - *Fennia* 168: 137-152.
- s Mattsson, J. 1982: Pulmankijärven kalastus. - Mim. 1, FGFRI, Fisheries Division, Teno station. ** pp.
- s Mattsson, J. 1982: Ala-Tenon kalastus. - Mim. 2, FGFRI, Fisheries Division, Teno station. ** pp.
- s Mattsson, J. 1982: Tenon ja lähivesien kalastusluettelo. - Mim., FGFRI, Fisheries Division, Teno station. ** pp.
- s Mattsson, J. 1983: Ylä-Tenon kalastus. - Mim. 3, FGFRI, Fisheries Division, Teno station. ** pp.
- s Mattsson, J. 1983: Utsjokilaakson kalastus. - Mim. 4, FGFRI, Fisheries Division, Teno station. ** pp.
- s Mattsson, J. 1983: Utsjoen metsien puunkäyttö. - Mim., Department of Geography, University of Turku. 14 pp.
- s Mattsson, J. 1983: Tenon lohivedet. - Mim., FGFRI, Fisheries Division, Teno station. ** pp.
- s Mattsson, J. 1984: Inarijoen kalastus. - Mim. 5, FGFRI, Fisheries Division, Teno station. ** pp.
- s Mattsson, J. 1984: Tenon lähialueiden kalastus. - Mim. 6, FGFRI, Fisheries Division, Teno station. ** pp.
- s Mattsson, J. 1985: Joki lohikalajien elinympäristönä Tenon vesistössä. Alustava arviointi ja menetelmien testaus. - Mim., FGFRI, Fisheries Division, Teno station. ** pp.
- s Mattsson, J. 1986: Tenon suomenpuoleiset pienet sivujoet lohivesinä. - Mim., FGFRI, Fisheries Division, Teno station. ** pp.
- s Mattsson, J. 1986: Tenon nuotta-apajat välillä Angeli Levajokisuu. - Mim., FGFRI, Fisheries Division, Teno station. ** pp.
- o Mattsson, J. 1987: Ihmisen vaikutus Utsjoen metsänrajametsiin. - M. Sc. thesis, Department of Geography, University of Turku. 123 pp.

- k Mattsson, J. 1988: Ihmisen vaikutus metsänrajametsiin Euroopan pohjoiskärjessä. - Ympäristöministeriö, Ympäristönsuojeluosaston julkaisuja Sarja D 38, 239 pp.
- o Mattsson, J. 1989: Tenon vesistö kalastomaantieteellisenä kokonaisuutena. - Phil. Lic. thesis, Department of Geography, University of Turku. 181 + 4 pp.
- e Mattsson, J. 1995: Human impact on the timberline in the far north of Europe. - *Zeszyty Naukowe Uniwersytetu Jagiellońskiego* 98: 41-55. **
- e McConnel, J. G. & Müller-Wille, L. 1975: Geographical and historical factors in farm site choice under high subarctic conditions (Utsjoki valley, Finland). - *Terra* 87(3): 177-187.
- k Meriläinen, K. 1959: Granuliittimuodostumasta Inarissa. - *Geologi* 6(11): 58-60.
- e Müller-Wille, L. 1971: Snowmobiles among Lapps. - *Nord-Nytt* 4/1971: 271-287.
- e Müller-Wille, L. 1974: Lappen und Finnen in Utsjoki (Ochijohka), Finnland. Eine Studie zur Identität ethnischer Gruppen im Kulturkontakt. - *Westfälische geographischen Studien* 30: 1-285.
- e Müller-Wille, L. & Aikio, O. 1971: - *Terra*
- o Mäki, O-P. 1988: Inari- ja Tenojoen jokitorvien eroosiosta ja siihen vaikuttavista tekijöistä Utsjoen alueella. - M. Sc. thesis, Department of Geography, University of Turku. 92 + 2 app.
- e Nenonen, S-P. & Mansikkaniemi, H. 1990: Observations on the spread of vegetation to road cuttings in the far north of Finland. - *Reports from the Kevo Subarctic Research Station* 21: 1-9.
- o Nieminen, O. 1968: Utsjoen Pulmankijoki ja sen laaksokerrostumat. - M. Sc. thesis, Department of Geography, University of Turku. 69 + 11 pp.
- k Ohlson, B. 1981: Utsjoen - Inarin Lapin ilmasto-oloista ja kallioperästä. - *Luonnon Tutkija* 85(3): 75-79.
- o Oksanen, J. 1962: Kuviomaailmiö Paistunturien alueella. - B. Sc. thesis, Department of Geography, University of Turku. 27 + 3 pp.
- o Ossenbrink, R. 1996: Standortuntersuchungen in einer Fjellheide im nördlichen Finnisch-Lappland unter besonderer Berücksichtigung des Einflusses der Rentiere auf die Vegetation. - ? thesis, Westfälische Wilhelms-Universität Münster. 114 pp + 6 app.
- e Pelto, P. J. & Müller-Wille, L. 1973: Reindeer herding and snowmobiles; aspects of a technological revolution. - *Folk* 14-15: 119-144.
- o Pirhonen, A-L. 1997: Säätekijöiden vaikutus männyn (*Pinus sylvestris* L.) paksuuskasvuun Utsjoen Kevolla vuosina 1962-1996. - M. Sc. thesis, Department of Geography, University of Helsinki. 84 + 7 pp.
- k Ristiluoma, S. 1968: Inarinjärven syvyyskartta. - *Terra* 80(1): 29-31.
- o Saressalo, L. 1982: Talvadaksen kylän etno-historiallinen kehitys. Etnologinen tutkimus tenonsaamelaisen kylän elinkeinomuutoksesta. - Phil. Doc. thesis, Folkloristiikan tutkimuksia 1: 1-203.
- o Schulte, M. 1994: Bodenökologische Untersuchungen an der oberen Waldgrenze in finnisch-Lappland unter besonderer Berücksichtigung der Stickstoffnachlieferung. - Phil. Doc. thesis, Institut für Geographie, Westfälische Wilhelms-Universität Münster, 151 pp.
- o Seppälä, M. 1964: Tuulieroosiosta Luomushjärvien alueella Utsjoella. - B. Sc. thesis, Department of Geography, University of Turku. 29 + 10 + 7 pp.
- o Seppälä, M. 1969: Eolisen reliefin kehitys Kaamasjoen-Kiellajoen alueella Inarin Lapissa. - Phil. Lic. thesis, Department of Geography, University of Turku. 105 + 3 pp.
- e Seppälä, M. 1969: On the grain size and roundness of wind-blown sands in Finland as compared with some Central European samples. - *Bull. Geol. Soc. Finland* 41: 165-181.
- o Seppälä, M. 1971: Evolution of eolian relief of the Kaamasjoki - Kiellajoki river basin in Finnish Lapland. - Phil. Doc. thesis, Fennia 104: 1-88.
- e Seppälä, M. 1972: Pingo-like remnants in the Peltojärvi area of Finnish Lapland. - *Geografiska Annaler, Series A* 54(1): 38-45.
- e Seppälä, M. 1972: Peat at the top of Ruohttir fell, Finnish Lapland. - *Reports from the Kevo Subarctic Research Station* 9: 1-6.
- e Seppälä, M. 1976: Periglacial character of the climate of the Kevo region (Finnish Lapland) on the basis of the meteorological observations 1962-71. - *Reports from the Kevo Subarctic Research Station* 13: 1-11.
- s Seppälä, M. 1982: An experimental study of palsas. - In: French, H. M. (ed.) *Proceedings Fourth Canadian Permafrost Conference*, pp 36-42.
- s Seppälä, M. 1982: Palsat - pohjoisen oudot ikiroutakummut. - *Rajaseutu* 57(4): 83-85.
- k Seppälä, M. 1983: Palsasuon talvilämpötiloista Utsjoella. - *Oulanka Reports* 4: 20-24.
- e Seppälä, M. 1983: Present-day periglacial phenomena in northern Finland. - *Helsingin yliopiston maantieteen laitoksen julkaisuja A* 125: 231-243.
- s Seppälä, M. 1983: Seasonal thawing of palsas in Finnish Lapland. - *Proceedings of permafrost Fourth international Conference*, pp 1127-1132.
- e Seppälä, M. 1983: River sinuosity measured by the Mansikkaniemi method: a critical evaluation. - *Fennia* 161(2): 303-310.
- e Seppälä, M. 1984: Glazialhydrologie des Inlandeises, eine geomorphologische Interpretation der Verhältnisse in Finnland. - *Berliner Geogr. Abhand.* 36: 83-92.
- e Seppälä, M. 1986: The origin of palsas. - *Geografiska Annaler* 68A(3): 141-147.
- e Seppälä, M. 1987: Periglacial phenomena of northern Fennoscandia. - In: Boardman, J. (ed.) *Periglacial processes and landforms in Britain and Ireland*. Cambridge University Press, pp 45-55.
- e Seppälä, M. 1990: Depth of snow and frost on a palsa mire, Finnish Lapland. - *Geografiska Annaler, Ser. A* 72(2): 191-201.

- k Seppälä, M. 1994: Palsan selittäminen - esimerkki teorian muodostuksesta. - Terra 106(3): 204-208.
- e Seppälä, M. 1994: Snow depth controls palsa growth. - Permafrost and Periglacial Processes 5: 283-288.
- e Seppälä, M. 1995: Deflation and redeposition of sand dunes in Finnish Lapland. - Quaternary Science Reviews 14: 799-809.
- e Seppälä, M. & Rastas, J. 1980: Vegetation map of northernmost Finland with special reference to subarctic forest limit and natural habitats. - Fennia 158(1): 41-61.
- o Silvola, T. 1959: Kevojokilaakson kulttuuripiirteet. - Laudatur thesis, Department of Geography, University of Turku. 38 + 36 + 3 pp.
- o Syrilä, S. 1962: Mannerjäätikön perääntyminen ja sulamisvesien kulutusmuodot Fiellugeädejoen laaksossa. - B. Sc. thesis, Department of Geography, University of Turku. 19 + 7 + 4 pp.
- e Syrilä, S. 1964: Retreat of the continental ice and fluvio-glacial erosion features on the Tuolbanjaugoaivi fjeld in northernmost Finland. - Reports from the Kevo Subarctic Research Station 1: 338-345.
- o Syrilä, S. 1970: Mannerjäätikön sulaminen Akujoen-Fiellujoen laaksossa Utsjoella. - M. Sc. thesis, Department of Geography, University of Turku. 59 + 2 pp.
- o Tiilikainen, L. 1988: Utsjokilaakson karjanhoitajat. Maatalous saamelaisessa elinkeinokokonaisuudessa 1930-luvulta 1980-luvulle. - M. Sc. thesis, Department of Cultural Studies, University of Turku. 122 + 2 app.
- o Tikkanen, P. 1983: Eksposition ja korkeuserojen vaikutus kesäkauden mikro- ja paikallisilmastoon Kevolla. - B. Sc. thesis, Department of Geography, University of Turku. 23 + 2 pp.
- o Tikkanen, P. 1992: Lapin ilmasto-olot ja topografian vaikutus Kevon mikroilmastoon kesällä 1982. - M. Sc. thesis, Department of Geography, University of Turku. 143 pp.
- s Climatic changes in arctic areas during the last ten thousand years. A symposium held at Oulanka and Kevo, 4-10 September, 1971. - Acta Universitatis Ouluensis, Ser. A Geologica 1.
- s Geofysiikan observatoriopäivät Kevolla 1979-01-08 - 12. - Mim., The Finnish Academy of Science and Letters. 183 pp.
- s Geofysiikan observatoriopäivät Kevolla 1980-01-07 - 11. - Mim., The Finnish Academy of Science and Letters. 67 pp + app.
- k Anonym 1976: Kevojärven ja sen lähilampien hydrobiologiasta. - Biologian laitos, Jyväskylän yliopisto, Tiedonantoja 3: 1-67.
- k Heino, S. (ed.) 1981: Kevon luonnonpuiston tutkimusohjelma 1981-82. - Mim., Kevo Subarctic Research Station, University of Turku. 16 pp.
- s Hydrological Yearbook of Finland 18, 1963-1964. - Helsinki. 95 pp.
- o Jalkanen, M. 1981: Nitrogenaasin immunokemiallisia ominaisuuksia. - Laudatur thesis, Department of Biochemistry, University of Turku. * pp.
- e Kallio, H. & Markela, E. 1982: Nonvolatile acids in the juice of crowberry, *Empetrum nigrum* coll. - Journal of Food Science 47(5): 1466-1468, 1477.
- e Kallio, H., Huopalahti, R., Nykänen, A. & Ojala, A. 1987: Extraction of Angelica root with liquid carbon dioxide. - In: Martens, M., Dalen, G. A. & Russwurm, H. Jr. (eds.): Flavour Science and technology, John Wiley & Sons, pp. 111-114.
- e Kallio, H., Pallasaho, S., Kärppä, J. & Linko, R. R. 1986: Comparison of the half-lives of the anthocyanins in the juice of crowberry, *Empetrum nigrum*. - Journal of Food Science 51(2): 408-410, 430.
- s Kallio, H., Pallasaho, S., Kärppä, J. & Linko, R. R. 1986: Stability of anthocyanins in crowberry juice. - In: Charalambous, G. (ed.): The self life of food and beverages. Proc. 4th Int. Flavor Conf., Rhodes Greece, 23-26 July 1985, pp. 285-292.
- o Kärppä, J. 1984: Variksenmarjan (*Empetrum nigrum* coll) antosyaniinikoostumus. - Phil. Lic. thesis, Department of Biochemistry, University of Turku, * pp.
- e Kärppä, J., Kallio, H., Peltonen, I. & Linko, R. 1984: Anthocyanins in crowberry, *Empetrum nigrum* coll. - Journal of Food Science 49(2): 634-636.
- o Laine, M. 1980: Rubus-sukuisten marjojen, lähinnä alasuviissa *Cylactis*, *Idaobatus* ja *Chamaemorus*, aromiainekoostumuksesta ja aromiainesten biosynteesistä. - M. Sc. thesis, Department of Biochemistry, University of Turku, * pp.
- o Lappalainen, J. 1989: Suomessa sallitut punaiset elintarvikvärit. Käyttö ja turvallisuus. - M. Sc. thesis, Department of Biochemistry, University of Turku, * pp.
- k Linko, R. R. & Kallio, H. 1985: Variksenmarjan kemiallinen koostumus hyötykäytön perustana. - Department of Biochemistry, University of Turku. * pp.
- e Linko, R., Kärppä, J., Kallio, H. & Ahtonen, S. 1983: Anthocyanin contents of crowberry and crowberry juice. - Lebensm.-Wiss. und Technol. 16: 343-345.
- o Loponen, J. 1998: Isolation and identification of plant phenolic compounds in birch leaves. Air pollution stress and leaf phenolics. - Phil. Doc. thesis, Department of Chemistry, University of Turku, Finland. ** pp.
- e Ossipov, V., Loponen, J., Ossipova, S., Haukioja, E. & Pihlaja, K. 1997: Gallotannins of birch *Betula pubescens* leaves: HPLC separation and quantification. - Biochemical Systematics and Ecology 25(6): 493-504.
- o Pennanen, T. 1998: Structure of the microbial communities in boreal coniferous forest humus exposed to heavy metals and changes in soil pH. - Phil. Doc. thesis, Department of Biosciences, Division of General Microbiology, University of Helsinki. ** pp.

- e Pennanen, T., Fritze, H., Vanhala, P., Kiikkilä, O., Neuvonen, S. & Bååth, E. 1998: Structure of a microbial community in soil after prolonged addition of low levels of simulated acid rain. - *Applied and Environmental Microbiology* 64: 2173-2180.
- e Pennanen, T., Perkiömäki, J., Kiikkilä, O., Vanhala, P., Neuvonen, S. & Fritze, H. 1998: Prolonged, low-level simulated acid rain and heavy metal deposition: separated and combined effects on forest soil microbial community structure. - *FEMS Microbiology Ecology* 27: 291-300.
- e Ruoho-Airola, T., Syri, S. & Nordlund, G. 1998: Acid deposition trends at the Finnish Integrated Monitoring catchments in relation to emission reductions. - *Boreal Environment Research* 3: 205-219.
- Saloniemi, I. 1997: Mathematical models of plant/fungus interactions. - In: Carroll & Tudzynski (eds.): *The Mycota V, Part B, Plant relationships*.
- s Shibayama, M., Morinaga, S. & Hakamata, T. 1993: Spectral detection for phenological changes of boreal vegetation. - *Res. Rep. Div. Environ. Planning* 1993(9): 55-94.
- s Shibayama, M., Morinaga, S., Akiyama, T., Inoue, Y., Häme, T., Salli, A., Lohi, A. & Alanen, M. 1994: An attempt at spectral detection of phenological changes of boreal vegetation. - *Proceedings of the NIPR Symposium on Polar Biology* 7: 283-292.
- s Shibayama, M., Salli, A., Häme, T., Iso-Iivari, L., Morinaga, S., Inoue, Y. & Akiyama, T. 1995: Spectral detection of subarctic vegetation phenophases. - *Proceedings of International Geoscience and Remote Sensing Symposium. Firenze, 10-14 July 1995*
- s Shibayama, M., Salli, A., Häme, T., Iso-Iivari, L., Morinaga, S., Inoue, Y. & Akiyama, T. 1995: Spectral properties of subarctic ground vegetation during the growth period - preliminary results of a 1994 experiment in the northernmost Finland. - *Proceedings of the International Arctic Science Symposium. Tsukuba, January 12-13, 1995.*
- es Shibayama, M., Salli, A., Häme, T., Iso-Iivari, L., Heino, S., Alanen, M., Morinaga, S., Inoue, Y. & Akiyama, T. 1999: Detecting phenophases of subarctic shrub canopies by using automated reflectance measurements. - *Remote sens. environ.* 67: 160-180.
- e Shumejko, P., Ossipov, V. & Neuvonen, S. 1996: The effect of simulated acid rain on the biochemical composition of Scots pine (*Pinus sylvestris* L.) needles. - *Environmental Pollution* 92(3): 315-321.
- k Söderman, G. & Dahlbo, K. 1990: YYS-raportti. Tuloksia Suomen ympäristön yhdenntetystä seurannasta kaudelta 1988/89. - *Mim.*, Water and Environment Ministry. 25 pp.
- o Tasanne, M. 1981: Nitrogenaasin toimintamekanismi ja säätely. - M. Sc. thesis, Department of Biochemistry, University of Turku. 88 pp.
- o Viljainen, M-R. 1981: Symbioottisen typensidonnan biokemiasta. - M. Sc. thesis, Department of Biochemistry, University of Turku. 61 pp.
- e Ukonmaanaho, L., Starr, M., Hirvi, J.-P., Kokko, A., Lahermo, P., Mannio, J., Paukola, T., Ruoho-Airola, T. & Tanskanen, H. 1998: Heavy metal concentrations in various aqueous and biotic media in Finnish Integrated Monitoring catchments. - *Boreal Environment Research* 3: 235-249.
- e Vanhala, P., Kapanen, A., Fritze, H. & Niemi, R.M. 1998: Microbial activity and biomass in four Finnish coniferous forest soils - spatial variability and effect of heavy metals. - *Boreal Environment Research* 3: 287-295.