



AEROBIOLOGIA
8 (1992), 478 - 485

Aerobiological Bibliography: 363-470

CARLA ALBERTA ACCORSI, MARTA BANDINI MAZZANTI, LUISA FORLANI

Estratto da:

AEROBIOLOGIA

The European Journal of Aerobiology

Volume 8 - Number 3 - December 1992

Aerobiological Bibliography: 363-470

CARLA ALBERTA ACCORSI, MARTA BANDINI MAZZANTI, LUISA FORLANI

Carla Alberta Accorsi, Marta Bandini Mazzanti, Istituto ed Orto Botanico, Università di Modena, Viale Caduti in Guerra 127, I-41100 Modena, Italy.

Luisa Forlani, Dipartimento di Biologia evoluzionistica sperimentale, Università di Bologna, Via Irnerio 42, I-40100 Bologna, Italy.

We kindly ask the authors who wish to include their papers in the following bibliography to send copies thereof to:

Carla Alberta Accorsi, Istituto ed Orto Botanico, Università di Modena, Viale Caduti in Guerra 127 - 41100 Modena (Italy)

- [363] ABADIE M., BURY E., (1991) — *Investigations cytochimiques, marquage immunocytochimique et effets destructeurs des U.V. sur le pollen de Dactylis glomerata*. Grana, **30**:515-524.
- [364] ACCORSI C.A., BANDINI MAZZANTI M., FORLANI L., RIVASI F., (1991) — *Pollen grains in human cytology*. Grana, **30**:102-108.
- [365] ACCORTI M., GUARCINI R., MODI G., PERSANO ODDO L., (1990) — *Urban pollution and honey bees*. Apicoltura, **6**:43-55.
- [366] AGASHE S.N., ABRAHAM J.N., (1991) — *Pollen calendar of Bangalore city: part-II*. J. Palynology, **27**:297-304.
- [367] ALFANI A., BARTOLI G., DE LUCIA A., (1991) — *Accumulo di piombo nelle foglie di alcune gimnosperme dell'Orto Botanico di Napoli*. Inform. Bot. Ital., **21** (1989):189-195.
- [368] ANTÓ J.M., SUNYER J., RODRIGUEZ-ROISIN R., SUAREZ-CERVERA M., VAZQUEZ L., THE TOXICOEPIDEMIOLOGICAL COMMITTEE, (1989) — *Community outbreaks of asthma associated with inhalation of soybean dust*. N. Engl. J. Med., **320**:1097-1102.
- [369] AYYAD S.M., MOORE P.D., ZAHRAN M.A., (1992) — *Modern pollen rain studies of the Nile Delta, Egypt*. New Phytol., **121**:663-675.
- [370] BARBATTINI R., FRILLI F., IOB M., GIOVANI C., PADOVANI R., (1991) — *Trasferimento del cesio e del potassio attraverso la «catena apistica» in alcune aree del Friuli. Nota preliminare*. Apicoltura, **7**:85-99.
- [371] BELMONTE J., ROURE J.M., (1991) — *Characteristics of the aeropollen dynamics at several localities in Spain*. Grana, **30**:364-372.
- [372] BENNINGHOFF W.S., (1991) — *Aerobiology and its significance in biogeography and ecology*. Grana, **30**:9-15.
- [373] BLAŻEJCZYK K., (1991) — *Heat balance of the human body in different weather conditions in North-East Poland. The problem of thermal stress*. Grana, **30**:277-280.
- [374] BOUGHEDIRI L., (1991) — *Mineral composition of the exine of two male date palms (Phoenix dactylifera L.)*. Grana, **30**:525-527.
- [375] BRACK A., (1991) — *The origin of life on Earth*. Grana, **30**:505-509.
- [376] CARAMIELLO R., GALLESIO M.T., SINISCALCO C., LEONE F., (1991) — *Cupressaceae in Piedmont (Italy). Aerobiological data and clinical incidence in urban and extraurban environments*. Grana, **30**:109-112.
- [377] CARAMIELLO R., SINISCALCO C., PIERVITTORI R., (1991) — *The relationship between vegetation and pollen deposition in soil and in biological traps*. Grana, **30**:291-300.
- [378] CARAMIELLO R., SINISCALCO C., POTENZA A., (1989) — *Scheda palinologica di Vitis vinifera L. «Barbera» e morfologia di due suoi mutanti tetraploidi*. Allionia, **29**:53-63.
- [379] CAUNEAU-PIGOT A., (1991) — *Effects of freeze-drying upon in vitro germination and the mineral composition of allergenic Dactylis glomerata pollen*. Grana, **30**:547-552.

- [380] CAUNEAU-PIGOT A., PELTRE G., (1991) – *Pollen allergens from different Dactylis glomerata varieties harvested between 1986 and 1988*. Grana, **30**:528-531.
- [381] CERCEAU-LARRIVAL M.T., NILSSON S., CAUNEAU-PIGOT A., BERGGREN B., DEROUET L., VERHILLE A.M., CARBONNIER-JARreau M.C., (1991) – *The influence of the environment (natural and experimental) on the composition of the exine of allergenic pollen with respect to the deposition of pollutant mineral particles*. Grana, **30**:532-546.
- [382] CHANDA S., (1991) – *Presidential Address: Aerobiology - Science in progress*. Grana, **30**:5-8.
- [383] COX C.S., (1991) – *Microorganisms in aerobiology*. Grana, **30**:17.
- [384] COX C.S., (1991) – *Quantitative and qualitative analysis of airborne spora*. Grana, **30**:407-408.
- [385] CROOK B., LACEY J., (1991) – *Airborne allergenic microorganisms associated with mushroom cultivation*. Grana, **30**:446-449.
- [386] CUNDILL P.R., (1991) – *Comparisons of moss polster and pollen trap data: a pilot study*. Grana, **30**:301-308.
- [387] D'AMATO G., COCCO G., MELILLO G., (1979) – *Asthma problems in southern Italy: a statistical study of 2362 asthmatic patients*. Allergol. et Immunopathol., **7**:263-270.
- [388] D'AMATO G., DAL BO S., BONINI S., (1991) – *Pollen-related allergy in Italy*. Ann. Allergy, **68**:433-437.
- [389] D'AMATO G., DE PALMA R., VERGA A., MARTUCCI P., LICCIARDI G., LOBEFALO G., (1991) – *Antigenic activity of nonpollen parts (leaves and stems) of allergenic plants (Parietaria judaica and Dactylis glomerata)*. Ann. Allergy, **67**:421-424.
- [390] D'AMATO G., RUFFILLI A., SACERDOTI G., BONINI S., (1992) – *Parietaria pollinosis: a review*. Allergy, **47**:443-449.
- [391] D'AMATO G., SPIEKSMAN F. TH. M., (1991) – *Allergenic pollen in Europe*. Grana, **30**:67-70.
- [392] DANKAART W.F.J.M., SMITHUIS L.O.M.J., BLAAUW P.J., SPIEKSMAN F.Th.M., (1991) – *The appearance of pollen in the lower airways*. Grana, **30**:113-114.
- [393] DE CUNZO T., DELLA RAGIONE S., PETROSINO M., (1991) – *Primi rilievi sulla pioggia pollinica dell'Isola di Capri, attraverso i cuscinetti muscinali*. Inform. Bot. Ital., **21** (1989):347-349.
- [394] DHORRANINTRA B., LIMSUVAN S., KANCHANARAK C., KANGSAKAWIN S., (1991) – *Aeroallergens in northern and southern provinces of Thailand*. Grana, **30**:493-496.
- [395] ERIKSSON N.E., (1991) – *Seasonal non-allergic rhinoconjunctivitis. A disease caused by pollution?* Grana, **30**:115-118.
- [396] FALL P.L., (1992) – *Pollen accumulation in a montane region of Colorado, USA: a comparison of moss polsters, atmospheric traps, and natural basins*. Rev. Palaeobot. Palynol., **72**:169-197.
- [397] FALL P.L., (1992) – *Spatial patterns of atmospheric pollen dispersal in the Colorado Rocky Mountains, USA*. Rev. Palaeobot. Palynol., **74**:293-313.
- [398] FOUNTAIN D.W., CORNFORD C.A., (1991) – *Aerobiology and allergenicity of Pinus radiata pollen in New Zealand*. Grana, **30**:71-75.
- [399] FRANKLAND A.W., (1991) – *Aerobiology in Medicine*. Grana, **30**:19-23.
- [400] FRENGUELLI G., SPIEKSMAN F.Th.M., BRICCHI E., ROMANO B., MINCIGRUCCI G., NIKKELS A.H., DANKAART W., FERRANTI F., (1991) – *The influence of air temperature on the starting dates of the pollen season of Alnus and Populus*. Grana, **30**:196-200.
- [401] FRINKING H.D., (1991) – *Aerobiology of «closed» agricultural systems*. Grana, **30**:481-485.
- [402] GÁLAN C., TORMO R., CUEVAS J., INFANTE F., DOMINGUEZ E., (1991) – *Theoretical daily variation patterns of airborne pollen in the South-West of Spain*. Grana, **30**:201-209.
- [403] GASSNER M., PEETERS A.G., (1986) – *Pollen- und Sporenflugmessstellenetz in der Schweiz und Ergebnisse der Birkenpollenzählungen im Jahre 1986*. Swiss Med., **8**:45-46.
- [404] GASSNER M., PEETERS A.G., PRIMAULT B., (1987) – *Relation von meteorologischen Gegebenheiten mit Pollen- und Luftschadstoffimmissionen, insbesondere Ozon, im Rheintal*. Schweiz. Arzzeitung, **68**:1079-1082.
- [405] GELLER-BERNSTEIN C., KEYNAN N., KENNEDY R., SHOMER-ILAN A., WAISEL Y., (1991) – *Aerobiology as a tool for prevention of hay fever*. Grana, **30**:76-78.
- [406] GILARDI S., PEETERS A.G., WÜTHRICH B., (1990) – *Risultati della conta pollinica a Locarno nel 1989*. Trib. Med. Tic., **55**:139-142.
- [407] GIOSTRA U., MANDRIOLI P., TAMPIERI F., TROMBETTI F., (1991) – *Model for pollen immission and transport in the evolving convective boundary layer*. Grana, **30**:210-214.
- [408] GIOVANI C., PADOVANI R., FRILLI F., BARBATINI R., IOB M., (1991) – *Il miele come indicatore della contaminazione radioattiva*. Apicoltura, **7**:137-149.

- [409] GRINSHPUN S.A., LIPATOV G.N., SEMENYUK T.J., YAKIMCHUK V.I., (1991) — *Peculiarities of Lycopodium spores sampling from the ambient atmosphere: physical effects and problems of representativeness.* Grana, **30**:424-429.
- [410] GUPTA S., CHANDA S., (1991) — *Aerobiology and some chemical parameters of Parthenium hysterophorus pollen.* Grana, **30**:497-503.
- [411] HARMATA K., OLECH M., (1991) — *Transect for aerobiological studies from Antarctica to Poland.* Grana, **30**:458-463.
- [412] HELBLING A., LEUSCHNER R.M., WÜTHRICH B., (1985) — *Pollinosis. IV: Welche Pollen sollten in der Allergie-Praxis getestet werden?* Schweiz. med. Wschr., **115**:1150-1159.
- [413] HIRST J.M., (1991) — *Aerobiology in plant pathology.* Grana, **30**:25-29.
- [414] HYSEK J., FISAR Z., BINEK B., (1991) — *Long-run monitoring of bacteria, yeasts and other micromycetes in the air of an industrial conurbation.* Grana, **30**:450-453.
- [415] HYVÄRINEN A.M., MARTIKAINEN P.J., NEVALAINEN A.I., (1991) — *Suitability of poor medium in counting total viable airborne bacteria.* Grana, **30**:414-417.
- [416] JÄGER S., SPIEKSMA F.Th.M., NOLARD N., (1991) — *Fluctuations and trends in airborne concentrations of some abundant pollen types, monitored at Vienna, Leiden, and Brussels.* Grana, **30**:309-312.
- [417] JÁRAI-KOMLÓDI M., (1991) — *First results of a study on airborne sporomorphs in Budapest, Hungary.* Grana, **30**:464-466.
- [418] JOHANSEN S., (1991) — *Airborne pollen and spores on the Arctic island of Jan Mayen.* Grana, **30**:373-379.
- [419] JOOSTEN J.H.J., VAN DEN BRINK L.M., (1992) — *Some notes on pollen entrapment by rye (Secale cereale L.).* Rev. Palaeobot. Palynol., **73**:145-151.
- [420] KÄPYLÄ M., (1991) — *Testing the age and viability of airborne pollen.* Grana, **30**:430-433.
- [421] KEYNAN N., WAISEL Y., SHOMER-ILAN A., GOREN A., BRENER S., (1991) — *Annual variations of air-borne pollen in the Coastal Plain of Israel.* Grana, **30**:477-480.
- [422] KUPIAS R., JÄGER S., (1991) — *Towards All-European pollen reports.* Grana, **30**:119-122.
- [423] LACEY J., (1991) — *Aggregation of spores and its effect on aerodynamic behaviour.* Grana, **30**:437-445.
- [424] LARSEN L., GRAVESEN S., (1991) — *Seasonal variation of outdoor airborne viable microfungi in Copenhagen, Denmark.* Grana, **30**:467-471.
- [425] LEUSCHNER R.M., (1991) — *Twenty-one year of airborne pollen determinations.* J. Palynology, **27**:305-320.
- [426] LEUSCHNER R.M., (1992) — *Von Meßgeräten für Partikel in der Luft zum Europäischen Polleninformationsnetz.* Präv.-Rehab., **4**:30-36.
- [427] LEWIS W.H., DIXIT A.B., WARD W.A., (1991) — *Distribution and incidence of North American pollen aeroallergens.* Am. J. Otolaryngol., **12**:205-226.
- [428] LEWIS W.H., DIXIT A.B., WEDNER H.J., (1991) — *Aeropollen of weeds of the western United States Gulf Coast.* Ann. Allergy, **67**:47-52.
- [429] LEWIS W.H., DIXIT A.B., WEDNER H.J., (1991) — *Asteraceae aeropollen of the western United States Gulf Coast.* Ann. Allergy, **67**:37-46.
- [430] LEWIS W.H., DIXIT A.B., WEDNER H.J., (1992) — *Grass aeropollen of the western United States Gulf Coast.* Int. Arch. Allergy Immunol., **98**:80-88.
- [431] LIPATOV G.N., (1991) — *Application of diffusiophoresis and the Stefan flow effects for sampling microorganism, pollen, spores, etc.* Grana, **30**:434-436.
- [432] MALIK P., SINGH A.B., GANGAL S.V., BABU C.R., (1991) — *Comparison of antigenic and allergenic components of Holoptelea integrifolia pollen collected from different source material.* Allergy, **46**:284-291.
- [433] MARAFIE S.M.R.H., ASHKANANI L., (1991) — *Airborne bacteria in Kuwait (1986-1988).* Grana, **30**:472-476.
- [434] MCCARTNEY H.A., LACEY M.E., (1991) — *The relationship between the release of ascospores of Sclerotinia sclerotiorum, infection and disease in sunflower plots in the United Kingdom.* Grana, **30**:486-492.
- [435] MEADOWS M.E., SUGDEN J.M., (1991) — *The application of multiple discriminant analysis to the reconstruction of the vegetation history of Fynbos, southern Africa.* Grana, **30**:325-336.
- [436] MISRA J.K., JAMIL Z., (1991) — *Fungi in the indoor environment of flour mill in Lucknow. Allergic potentialities of some Aspergilli on humans.* Grana, **30**:398-403.
- [437] MONTANARI C., (1991) — *Metodologie comparative per la valutazione dei rapporti tra pioggia pollinica e vegetazione.* Inform. Bot. Ital., **21** (1989):350-352.
- [438] NILSSON S., (1991) — *Preface.* Grana, **30**:1-4.
- [439] NILSSON S., BERGGREN B., (1991) — *Various methods to determine air pollutants on pollen grains.* Grana, **30**:553-556.

- [440] NORRIS-HILL J., EMBERLIN J., (1991) — *Diurnal variation of pollen concentration in the air of north-central London.* Grana, **30**:229-234.
- [441] O'ROURKE M.K., (1991) — *Pollen in packrat middens. The contribution of filtration.* Grana, **30**:337-341.
- [442] ORSI E.V., GLENN M.G., (1991) — *Lichens as microenvironment markers of air quality. Relative to topography, wind direction and vehicular traffic patterns.* Grana, **30**:51-58.
- [443] PANAYOTOPULU E., CENCI L., TURSI A., (1991) — *Salsola kali: A new etiology of pollinosis in the Mediterranean area of Apulia - Italy.* Grana, **30**:147-148.
- [444] PEETERS A.G., (1991) — *Analyses polliniques en Suisse en 1990.* Dermatologica Helvetica, **6**:28-29.
- [445] PEETERS A.G., GILARDI S., WÜTHRICH B., (1991) — *Risultati della conta pollinica a Locarno nel 1990 (Paragone con il 1989 e calendario pollinico medio preliminare).* Trib. Med. Tic., **56**:221-226.
- [446] PEETERS A.G., HOSCH H., (1987) — *Etude aéropalynologique à Samedan, Haute-Engadine.* In: B. Kellerhals et al. (eds.) «Aktuelle Probleme der Otorhinolaryngologie». Hans Huber, Bern: 66-71.
- [447] PEETERS A.G., WÜTHRICH B., SOMAZZI S., (1988) — *Studio dei pollini dell'aria a Lugano dal 1985 al 1987.* Trib. Med. Tic., **53**:316-323.
- [448] PELTRE G., DEROUET L., CERCEAU-LARRIVAL M.Th., (1991) — *Model treatments simulating environmental action on allergenic Dactylis glomerata pollen.* Grana, **30**:59-61.
- [449] PETERSON F., WENNERSTRÖM J., (1991) — *Indoor versus outdoor climate.* Grana, **30**:395-397.
- [450] PICONE R.M., (1991) — *Osservazioni sulla diffusione del polline nella città di Messina.* Inform. Bot. Ital., **21** (1989): 359-360.
- [451] PIERVITTORI R., ROSSI A., CLEMENTE F., MONTACCHINI F., (1989) — *Evoluzione del rapporto tra presenza di licheni epifiti e inquinamento atmosferico nella città di Torino.* Allionia, **29**:47-52.
- [452] PULS K.E., WAHL P.G. von, (1991) — *Zum Einfluß von Niederschlägen auf Pollen in der Atmosphäre.* Grana, **30**:235-241.
- [453] RAO C.K., SATHYANANDA N., RAMA G., (1991) — *Pollen lectins.* J. Palynology, **27**:399-406.
- [454] RAULIN F., FRÈRE C., (1991) — *Prebiotic processes in planetary atmospheres.* Grana, **30**:510-513.
- [455] REENEN-HOEKSTRA VAN E.S., SAMSON R.A., VERHOEFF A.P., WIJNEN VAN J.H., BRUNEKREEF B., (1991) — *Detection and identification of moulds in Dutch houses and non-industrial working environments.* Grana, **30**:418-423.
- [456] ROMANO B., BRICCHI E., FORNACIARI M., FRENQUELLI G., MINCIGRUCCI G., (1991) — *One year of pollen monitoring in an urban network, Perugia, Central Italy.* Grana, **30**:242-247.
- [457] SALGADO-LABOURIAU M.L., (1991) — *Palynology of the Venezuelan Andes.* Grana, **30**:342-349.
- [458] SAWIDIS T., HEINRICH G., (1992) — *Cesium-137 monitoring using lichens and mosses from northern Greece.* Can. J. Bot., **70**:140-144.
- [459] SCOTT L., VOGEL J.C., (1992) — *Short-term changes of climate and vegetation revealed by pollen analysis of hyrax dung in South Africa.* Rev. Palaeobot. Palynol., **74**:283-291.
- [460] SMITH LEWIS R.I., (1991) — *Exotic sporomorpha as indicators of potential immigrant colonists in Antarctica.* Grana, **30**:313-324.
- [461] SPIEKSMAN F.Th.M., KRAMPS J.A., PLOMP A., KOERTEN H.K., (1991) — *Grass-pollen allergen carried by the smaller micronic aerosol fraction.* Grana, **30**:98-101.
- [462] TILAK S.T., (1991) — *Fungal spores and allergy.* J. Palynology, **27**:369-386.
- [463] TORRICELLI R., GILARDI S., WÜTHRICH B., (1991) — *Contributo epidemiologico sulle sensibilizzazioni ai pollini in pazienti pollinotici nel Canton Ticino.* Trib. Med. Tic., **56**:227-228.
- [464] TRAVERS-GLASS S.A., GRIFFIN P., CROOK B., (1991) — *Bacterially contaminated oil mists in engineering works: a possible respiratory hazard.* Grana, **30**:404-406.
- [465] VIJAY H.M., HUGHES D.W., YOUNG N.M., (1991) — *The allergens of Alternaria species.* J. Palynology, **27**:387-397.
- [466] VINCENT J.H., (1991) — *The principles of aerosol samplers and sampling.* Grana, **30**:409-413.
- [467] WÜTHRICH B., HELBLING A., PRIMAULT B., COUR P., DUZER D., (1983) — *Pollinosis. III. Pollenkalender von Zürich mit den allergologisch wichtigsten Pollenarten.* Schweiz. med. Wschr., **113**:170-183.
- [468] WYNN-WILLIAMS D.D., (1991) — *Aerobiology and colonization in Antarctica - the BIOTAS Programme.* Grana, **30**:380-393.
- [469] YAZVENKO S.B., (1991) — *Modern pollen-vegetation relationships on the Southeast Caucasus.* Grana, **30**:350-356.
- [470] ZERBONI R., ARRIGONI P.V., MANFREDI M., RIZZOTTO M., PAOLETTI L., RICCI C., (1991) — *Geobotanical and phenological monitoring of allergenic pollen grains in the Florence area.* Grana, **30**:357-363.

Index

Generalities

Aerobiology/General Works

372 - 375 - 382 - 383 - 384 - 399 - 413 - 425 - 426 -
438 - 454 - 460 - 462 - 465 - 466 - 468

Aerobiology/Methods - Modelling

384 - 401 - 402 - 405 - 407 - 409 - 415 - 420 - 423 -
425 - 426 - 431 - 437 - 439 - 449 - 455 - 462 - 466

Aerobiology/National-International Connections

372 - 382 - 438 - 468

Aerobiology/Science History

382 - 399 - 413 - 426

Scientific fields

Aerobiology/Air pollution

363 - 365 - 367 - 370 - 381 - 395 - 404 - 408 - 414 -
439 - 442 - 448 - 449 - 451 - 458

Aerobiology/Allergology

363 - 364 - 366 - 368 - 371 - 373 - 376 - 379 - 380 -
381 - 385 - 387 - 388 - 389 - 390 - 391 - 392 - 394 -
395 - 398 - 399 - 403 - 404 - 405 - 406 - 410 - 412 -
416 - 417 - 421 - 422 - 424 - 425 - 426 - 427 - 428 -
429 - 430 - 432 - 436 - 439 - 440 - 443 - 444 - 445 -
446 - 447 - 448 - 450 - 452 - 453 - 455 - 456 - 461 -
462 - 463 - 464 - 465 - 467 - 470

Aerobiology/Archaeology

419

Aerobiology/Biogeography-Ecology

372 - 416 - 460 - 468

Aerobiology/Carthography

422 - 426

Aerobiology/Copropalynology

459

Aerobiology/Exobiology - Origin of life

375 - 454

Aerobiology/Geobotany

369 - 371 - 377 - 386 - 393 - 396 - 397 - 416 - 419 -
435 - 437 - 441 - 456 - 457 - 459 - 460 - 469 - 470

Aerobiology/Medical Science (animals and man) (excluding Allergology)

364 - 373 - 395 - 399 - 423 - 455 - 466

Aerobiology/Melissopalynology

365 - 370 - 408

Aerobiology/Meteorology-Climatology

368 - 371 - 373 - 394 - 400 - 404 - 407 - 414 - 417 -
418 - 429 - 430 - 433 - 434 - 440 - 442 - 447 - 452 -
459 - 460 - 462 - 468 - 470

Aerobiology/Microbiology

383 - 384 - 415

Aerobiology/Morphopalynology

378

Aerobiology/Pharmacology

398

Aerobiology/Phenology

400 - 422 - 470

Aerobiology/Physics

407 - 409 - 423 - 431 - 466

Aerobiology/Phytopathology

401 - 413 - 423 - 434

Aerobiology/Pollen and spore Chemistry, Cytology and Biology

363 - 374 - 379 - 380 - 381 - 410 - 420 - 432 - 448 -
453

Aerobiology/Pollen and spore Production and Dispersion

410

Aerobiology/Systematic Botany and Taxonomy

374

Materials

Abiotic materials (particulates/chemical elements and compounds)

365 - 367 - 370 - 381 - 404 - 439 - 442 - 449 - 458

Aerosols, micronic aerosols

466

Algae, Bacteria, Cyanobacteria 383 - 385 - 411 - 414 - 415 - 418 - 423 - 431 - 433 - 464 - 468	Virus 383 - 431
Bryophyta and Bryophyta spores 418 - 460	
Dust 387 - 395 - 418	
Fungi 385 - 387 - 394 - 395 - 399 - 401 - 411 - 413 - 414 - 417 - 418 - 421 - 423 - 424 - 426 - 431 - 434 - 436 - 455 - 460 - 462 - 463 - 465 - 468	
Insects 411	
Leaves 389	
Lichens and Lichen propagules 411 - 442 - 451 - 468	
Mites 387 - 395 - 463	
Other Animals 387 - 395 - 411 - 463	
Other Tracheophyta parts 368 - 389 - 395 - 418	
Pollen and Pteridophyta spores 363 - 364 - 365 - 366 - 369 - 370 - 371 - 374 - 376 - 377 - 378 - 379 - 380 - 386 - 387 - 388 - 389 - 390 - 391 - 392 - 393 - 394 - 395 - 396 - 397 - 398 - 400 - 402 - 403 - 404 - 405 - 406 - 407 - 409 - 410 - 411 - 412 - 416 - 417 - 418 - 419 - 420 - 421 - 422 - 425 - 426 - 427 - 428 - 429 - 430 - 441 - 443 - 444 - 445 - 446 - 447 - 448 - 450 - 452 - 453 - 456 - 457 - 459 - 460 - 461 - 463 - 467 - 468 - 469 - 470	
Prebiotic materials 375	
Protozoa 468	
Radioactive materials 370 - 408 - 458	
	Traps
	Artificial surface samples (books, carpets, walls, windows frames...) 455
	Biomonitoring
	365 - 367 - 370 - 381 - 408 - 442 - 451 - 458
	Bryophyta 369 - 377 - 386 - 393 - 396 - 437 - 458 - 460 - 469
	Coprolological materials 459
	Honey/Honey dew 365 - 370 - 408
	Ice and snow 460 - 468
	Insects 370
	Instrumental traps (volumetric, gravimetric and others) 366 - 368 - 371 - 376 - 385 - 386 - 388 - 390 - 391 - 394 - 396 - 397 - 398 - 400 - 402 - 403 - 404 - 406 - 410 - 411 - 412 - 414 - 415 - 416 - 417 - 418 - 419 - 420 - 421 - 422 - 424 - 425 - 426 - 427 - 428 - 429 - 430 - 433 - 434 - 435 - 436 - 440 - 442 - 444 - 445 - 446 - 447 - 450 - 452 - 455 - 456 - 460 - 461 - 464 - 467 - 470
	Leaves 367 - 441
	Lichens 377 - 458
	Other Animals and Man 364 - 370 - 468
	Other natural surface layers (litter, sediment samples, soil...) 369 - 370 - 377 - 396 - 435 - 457 - 469
	Other substrates (oil) 464

Other Tracheophyta parts 370 - 419	417 - 418 - 419 - 420 - 421 - 422 - 424 - 426 - 427 - 428 - 429 - 430 - 433 - 434 - 435 - 436 - 437 - 439 - 440 - 441 - 442 - 444 - 445 - 446 - 447 - 449 - 450 - 451 - 452 - 456 - 457 - 459 - 460 - 461 - 462 - 467 - 468 - 469 - 470
Pollen and Pteridophyta spores 370 - 381 - 439	
Monitoring	Country
Abiotic materials 365 - 367 - 370 - 381 - 404 - 408 - 439 - 442 - 449 - 458	Antarctica 411 - 460 - 468
Biotic materials 364 - 365 - 366 - 368 - 370 - 371 - 376 - 377 - 385 - 386 - 388 - 390 - 391 - 392 - 393 - 394 - 396 - 397 - 398 - 400 - 402 - 403 - 404 - 405 - 406 - 410 - 411 - 412 - 414 - 415 - 416 - 417 - 418 - 419 - 421 - 422 - 424 - 425 - 426 - 427 - 428 - 429 - 430 - 433 - 434 - 435 - 436 - 437 - 440 - 441 - 442 - 444 - 445 - 446 - 447 - 450 - 451 - 452 - 456 - 457 - 459 - 460 - 461 - 464 - 467 - 468 - 469 - 470	Antarctica-Poland transect 411
Calendars 366 - 371 - 376 - 388 - 390 - 394 - 398 - 403 - 406 - 412 - 414 - 416 - 417 - 419 - 421 - 424 - 425 - 426 - 427 - 428 - 429 - 430 - 433 - 434 - 436 - 444 - 445 - 446 - 447 - 455 - 456 - 461 - 467 - 470	Austria 416
Daily variation 402 - 427 - 428 - 429 - 430 - 434 - 440 - 452	Baleaic Islands 371
Past pollen spectra and diagrams 369 - 419 - 435 - 457 - 459	Belgium 416
Recent pollen spectra 366 - 369 - 371 - 377 - 386 - 393 - 396 - 397 - 411 - 412 - 419 - 427 - 435 - 437 - 446 - 447 - 457 - 459 - 460 - 467 - 469	Capri Island 393
Environment	Czechoslovakia 414
Anatomic environment 364 - 392	Denmark 424
Indoor 385 - 387 - 401 - 415 - 436 - 449 - 455 - 462 - 464	Egypt 369
Outdoor 365 - 366 - 367 - 368 - 369 - 370 - 371 - 373 - 376 - 377 - 381 - 385 - 386 - 387 - 388 - 390 - 391 - 393 - 394 - 396 - 397 - 398 - 400 - 402 - 403 - 404 - 405 - 406 - 407 - 408 - 410 - 411 - 412 - 414 - 415 - 416 -	Europe 391 - 422 - 426
	France 379 - 380 - 381
	Germany 452
	Great Britain 385 - 386 - 434 - 440 - 464
	Greece 458
	Hungary 417
	India 366 - 410 - 432 - 436 - 453

Israel	South Africa
405 - 421	435 - 459
Italy	Spain
364 - 365 - 367 - 370 - 376 - 377 - 378 - 387 - 388 -	368 - 371 - 402
389 - 390 - 400 - 408 - 437 - 443 - 451 - 456 - 470	
Jan Mayen Island	Sweden
418	381 - 395 - 439
Kuwait	Switzerland
433	403 - 404 - 406 - 412 - 425 - 444 - 445 - 446 - 447 -
Netherlands (The)	463 - 467
392 - 400 - 416 - 419 - 455 - 461	Thailand
New Zealand	U.S.A
398	396 - 397 - 427 - 428 - 429 - 430 - 441 - 442
Poland	U.S.S.R.
373 - 411	469
Sicily	Venezuela
450	457