Main Topics and Contributors

- Acanthocephala (Taraschewski)
- Antibodies (Seitz and Reiter-Owona)
- Arboviruses (Aspöck and Dobler)
- Behavior (Taraschewski)
- Cell penetration (Dubremetz)
- Chemotherapy against helminthoses (Raether and Harder)
- Chemotherapy against protozoan diseases (Raether and Hänel)
- Classification (Mehlhorn)
- Clinical and pathological signs of parasitic infections in domestic animals (Vercruysse, de Bont, and Daugschies)
- Clinical and pathological signs of parasitic infections in man (Frenkel and Mehlhorn)
- Connecting entries (Mehlhorn)
- Drug action in ectoparasites (Turberg and Londershausen)
- Drug action in protozoa and helminths (Harder)
- Drug tables (Raether)
- Ecological aspects (Combes)
- Ectoparasitizides (Londershausen and Hansen)
- Environmental aspects (Combes)
- Epidemiological aspects (Wernsdorfer)
- Eye parasites (Mehlhorn)
- Fine structure of parasites (Mehlhorn)
- Hormones (Spindler)
- Host finding mechanisms (Haas)
- Host parasite interface (Dubremetz and Mehlhorn)
- Immunodiagnostic methods (Seitz and Reiter-Owona)
- Immunological responses of the host (Gessner and Röllinghoff)
- Insects as vectors (Schaub)
- Life cycles (Mehlhorn and Walldorf)
- Lyme disease (Spielman, Armstrong, and Mehlhorn)
- Mathematical models (Freeman and Lehmacher)
- Metabolism (Köhler and Tielens)
- Molecular systematics (Mackenstedt)
- Morphology (Mehlhorn)
- Motility (Dubremetz and Mehlhorn)
- Nerves-structures and functions (Gustafsson and Maule)
- Novel drugs (Kayser and Julsing)
- Nutrition (Köhler and Tielens)
- Opportunistic agents, except *Pneumocystis* (Mehlhorn)
- Pathologic effects in animals (Vercruysse, de Bont, and Daugschies)
- Pathologic effects in humans (Frenkel and Mehlhorn)
- Pathology (Frenkel and Mehlhorn)
- Pentastomida (Walldorf)
- Phylogeny (Mackenstedt)
- Physiological aspects (Köhler and Tielens)
- Planning of control (Wernsdorfer)
- *Pneumocystis* (Kaneshiro and Smulian)

- Reproduction (Mehlhorn)
- Resistance against drugs (Harder)
- Serology (Seitz and Reiter-Owona)
- Strategy of control measurements (Wernsdorfer)
- Ticks as vectors in animals (Mehlhorn)
- Ticks as vectors in humans (Spielman, Armstrong, and Mehlhorn)
- Ultrastructure (Mehlhorn)
- Vaccination
  - Protozoa (Behr and Pereira da Silva)
  - Plathelminthes (Richter)
  - Nemathelminthes (Schnieder)
- Vector biology
  - Insects (Schaub and Mehlhorn)
  - Ticks (Spielman and Mehlhorn)

All these topics are presented in either a single, long entry, in several smaller, separate entries and/or as inserts in other longer entries. This cooperation of specialists contributes to a better understanding of the recent complex problems in parasitology.