

A BRIEF HISTORY OF THE CEPHALOPOD INTERNATIONAL ADVISORY COUNCIL (CIAC)

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The Cephalopod International Advisory Council (CIAC) was founded in 1983, as an international forum to encourage research on cephalopods, promote international co-operation in that field, and to set up a body able to answer the increasing number of questions about cephalopod fisheries being received by researchers. The initial plan to publish results of hands-on workshops resulted in so much interest that regular (currently triennial) symposia were organized. The most recent such symposium was held in Aberdeen [UK] in July 2000 and the publication of symposium papers and workshop reports in *Bulletin of Marine Science* provides the opportunity to present a brief history of CIAC.

The idea to form an international body of cephalopod specialists was first proposed by Malcolm R. Clarke in March 1981 at a Workshop on the Biology and Resource Potential of Cephalopods held in Queenscliffe, Australia. In June 1981, at a Workshop in Plymouth, England, on the Identification of Cephalopod Beaks, the first formative meeting for CIAC took place and the charter members of the new organization convened a committee to develop the structure of CIAC. A Charter Committee was formed and met in September 1983 at the Laboratoire Arago, Banyuls-sur-Mer, France, to accept formally the proposed charter and resolutions and to elect the first council members. The Charter Committee proposed that the General Council of CIAC would consist of nine executive members, from whom a Chairperson or President and Executive Secretary would be elected, and nine alternative or substitute members. Following election of the first council the Charter Committee was dissolved.

The first Cephalopod Advisory Council comprised: Sigurd von Boletzky [France], Malcolm R. Clarke [UK], Frederick G. Hochberg [USA], Chung C. Lu [Australia], Katharina M. Mangold [France], Takashi Okutani [Japan], Martina A. C. Roeleveld [South Africa], Clyde F. E. Roper [USA], Gilbert L. Voss [USA], Nancy A. Voss [USA] and John H. Wormuth [USA]. The research interests of the members of Council included systematics, ecology, behavior, embryology, parasitology, physiology, culture, capture and fisheries. At present CIAC consists of a General Council of 18 scientists plus a Reserve of five additional individuals. Of these, two members of Council and one Reserve are scientists at the early stages of their career (e.g., graduate students or postdoctoral researchers). Council members are elected on a rotating basis to maintain stability and direction. Individuals typically serve two 3-yr terms. This rotation also provides opportunity for participation from as broad a spectrum of cephalopod research interests and geographical representation as possible. The names of Presidents and Executive Secretaries since the inception of CIAC are shown in Appendix 1.

The stated aims of CIAC are to stimulate, accelerate and influence the direction of cephalopod research, to provide help and advice on aspects of cephalopod biology, including those relevant to the management of the increasingly important cephalopod fisheries, and to spread information on past and current research. These aims are achieved by:

- Convening Workshops and/or Symposia every 2–3 yrs and publishing the results in book, printed, or electronic format

- Supporting joint meetings with fisheries organizations, societies, or laboratories for exchange of information and, usually, the publication of papers and/or training manuals
- Endorsing relevant meetings or symposia organised by third parties

Between 1985 to 1993, CIAC produced regular newsletters to disseminate information relating to cephalopods; summarizing research activities, announcing meetings and listing recent publications in the field. This was replaced in 1994 by an electronic newsletter, which has, more recently, become an informal electronic discussion list (see below for details).

The CIAC newsletter was edited by Marion Nixon (1985–88) and Paul Rodhouse (1989–93). The FastMoll newsletter/discussion list has been administered on behalf of CIAC by Ian Gleadall (1994–98), Graham Pierce (1998–2001) and John Forsythe (2001 onwards). The FastMoll list is presently hosted by the UK-based National Academic Mailing List Service (JISCmail) and was previously hosted by the University of Newcastle's Mailbase service and Tohoku University in Japan.

The Cephalopod International Advisory Council is affiliated with the International Council of Scientific Union's International Association of Biological Oceanography (IABO), sponsored through UNESCO. Furthermore, the CIAC charter provides for a representative of the Food and Agriculture Organization of the United Nations to serve as a permanent observer on the Council.

Perhaps the most visible evidence of CIAC has been the production of a number of publications on cephalopods, resulting from the several symposia and workshops organised under the auspices of Council, or endorsed by CIAC. These have ranged from books to special issues of internationally recognised marine science journals.

It is our intention that this introduction should serve as a resource for cephalopod researchers and to this end we include a list of meetings that have led to publications about cephalopods, including those organised, sponsored or co-sponsored by CIAC (Table 1). Although the list is almost certainly incomplete, it does provide a strong indication of the dramatic increase in cephalopod related meetings in particular over the last two decades. The meetings listed include both national and international meetings and range in size from working groups attended by a handful of people to international conferences with more than 150 delegates. Ignoring these disparities in size, it may be seen that CIAC has played an active role in around one quarter of such meetings since its inception in 1985. The meetings in the CIAC symposium and workshop series have increased in size and the most recent meeting in Aberdeen [UK] attracted more than 150 delegates.

Since its inception in 1983 honorary life membership of CIAC has been awarded to 11 distinguished cephalopod researchers, in recognition of their outstanding contribution to cephalopod research and to the ideals and aims of CIAC. Details of these awards are shown in Table 2.

Further information about CIAC, including the current Council and full rules can be accessed at the British Antarctic Survey website, at <http://www.nerc-bas.ac.uk/mlsd/ciac>. This site also includes a full list of meetings, symposia and conferences related to cephalopods and links to other cephalopod-related websites. The FastMoll discussion list can be contacted by sending an e-mail to fastmoll@jiscmail.ac.uk (see <http://www.jiscmail.ac.uk/lists/fastmoll.html>). The archives of CIAC are housed in California at the Santa Barbara Museum of Natural History [USA].

Table 1. Chronological list of meetings, conferences, symposia and workshops resulting in publications on cephalopods.

Meetings are listed only if they result in one or more new publications about cephalopods. Meetings are divided into three categories (a) CIAC sponsored and co-sponsored meetings, (b) other meeting series and (c) other symposia and workshops. Within categories, meetings are listed chronologically by title. Additional information is provided, as available, on meeting location (city, country); year(s); sponsors (society, institution, agency); and organizers or program co-ordinators. Bibliographic citations for publications based on cited meetings include: title; editor(s); journal or publisher; pages; date of publication; and number of abstracts or papers. English translations from the original language also are noted. Meetings leading to newsletter publications only were not included. Meetings with more general themes are listed if several papers on cephalopod were included. The listing starts in 1968.

(a) CIAC sponsored and co-sponsored meetings

Year and venue	Title, sponsors and organizers	Publications
1985 Banyuls-sur-Mer, France	CIAC Workshops and Symposium: Biology and Distribution of Early Juvenile Cephalopods. Organized by Katharina M. Mangold & Sigurd von Boletzky.	Biology and Distribution of Early Juvenile Cephalopods. K.M. Mangold & S.v. Boletzky (Editors). <i>Vie et Milieu</i> , 35(3/4): 135–304; 1985. [21 papers]
1988 Washington, DC, USA	CIAC Workshops and Symposium: Systematics and Biogeography of Cephalopods. Organized by Clyde F.E. Roper.	"Larval" and Juvenile Cephalopods: A Manual for Their Identification. M.J. Sweeney, C.F.E. Roper, K.M. Mangold, M.R. Clarke & S.v. Boletzky (Editors). Smithsonian Contributions to Zoology, 513: 1–282; 1992. Systematics and Biogeography of Cephalopods. N.A. Voss, M. Vecchione, R.B. Toll, & M.J. Sweeney (Editors). Smithsonian Contributions to Zoology, No. 586: 1–599 [2 volumes]; 1998
1990 Moncton, New Brunswick, Canada	ICES Shellfish Life Histories Symposium: Contributed Paper Session on Squid Recruitment International Council for the Exploration of the Sea; co-sponsored by CIAC; organized by Gerard Conan.	Shellfish Life Histories and Shellfishery Models. ICES Marine Science Symposia 199; 1995.
1991 Tokyo, Japan	CIAC Symposium: Recent Advances in Cephalopod Fisheries Biology; CIAC Workshop: Age, Growth and Population Structure of Cephalopods. Organized by Takashi Okutani, Takashi Kubota, Tsunemi Kubodera & Susumu Segawa.	Recent Advances in Cephalopod Fisheries Biology: Contributed Papers to 1991 CIAC International Symposium and Proceedings of the Workshop on Age, Growth and Population Structure. T. Okutani, R.K. O'Dor & T. Kubodera (Editors). Tokai University Press: Tokyo, Japan. 752 p.; 1993

Table 1. Continued.

Year and venue	Title, sponsors and organizers	Publications
1992 Cambridge, UK	Symposium 9: Life Style and Performance in Cephalopods—Physiological Adaptations. Society of Experimental Biology, APS, ASC & CSZ [International Joint Meeting], co-sponsored by CIAC, organized by Hans-Otto Poertner & Ron K. O'Dor.	Life Style and Performance in Cephalopods. H.-O. Poertner & R.K. O'Dor (Editors). <i>Marine Behaviour and Physiology</i> , 25(1–3): 1–207; 1994. Physiology of Cephalopod Molluscs: Lifestyle and Performance Adaptations. H.-O. Portner, R.K. O'Dor & D.L. Macmillan. Gordon & Breach: Basel. 214 pp.; 1994.
1993 Cambridge, UK	International Symposium: Southern Ocean Cephalopods: Life Cycles and Population. British Antarctic Survey, co-sponsored by CIAC; organized by Paul G. Rodhouse.	Southern Ocean Cephalopods: Life Cycles and Populations. P.G. Rodhouse, U. Piatkowski & C.C. Lu (Editors). <i>Antarctic Science</i> 6(2): 135–283; 1994 [22 papers].
1994 Vico Equense, Italy	CIAC Workshops and Symposium: The Behaviour and Natural History of Cephalopods. Organized by G. De Vivo, Graham P. Ferguson, G. Fiorito, John B. Messenger & Andrew Packard.	Current Issues in Cephalopod Behaviour. J.B. Messenger. <i>Journal of the Marine Biological Association on the United Kingdom</i> , 75: 507–514; 1995 [Workshop Summaries].
1995 Vigo, Spain	2nd International Symposium: Functional Morphology of Cephalopods. 12th International Malacological Congress; co-sponsored by CIAC; organized by Angel Guerra, Sigurd von Boletzky & Pio Fioroni.	Ecology of Marine Molluscs. J. Ros & A. Guerra (Editors). <i>Scientia Marina</i> , 61 (suppl. 2): 1–128; 1997 [4 papers on cephalopods]. II Symposium on Functional Morphology of Cephalopods. S. v. Boletzky, P. Fioroni & A. Guerra (Editors). <i>Vie et Milieu</i> , 47 (2): 85–184; 1997. A Miscellany of Papers on Molluscs. A. Guerra & F. Rocha (Editors). <i>Iberus, Revista de la Sociedad Española de Malacología</i> , 15 (2): 121 pp.; 1997 [1 paper on cephalopods].

Table 1. Continued.

Year and venue	Title, sponsors and organizers	Publications
1995 Hilo, Hawaii, USA	Symposium: Evolution of Coleoid Cephalopods. American Malacological Union [65th Annual Meeting]; co-sponsored by CIAC; organized by Richard E. Young, F.G. Hochberg & Michael Vecchione.	Symposium: Evolution of Coleoid Cephalopods. <i>American Malacological Bulletin</i> , 12: 77–151; 1999. [7 papers].
1997 Cape Town, South Africa	CIAC Symposium and Workshops on Cephalopod Biodiversity, Ecology and Evolution. Organized by Marek R. Lipinski, Martina A.C. Roeleveld, Mike J. Roberts & C. Johann Augustyn.	Cephalopod Biodiversity, Ecology and Evolution. A.I.L. Payne, M.R. Lipinski, M.R. Clarke, & M.A.C. Roeleveld (Editors). <i>South African Journal of Marine Science</i> , 20: 1–469; 1998.
1999 Trujillo, Peru	Simposio Internacional Sobre Calamares del Pacífico. VIII Congreso Latinoamericano sobre Ciencias del Mar; co-sponsored by CIAC	Libro de Resúmenes Ampliados. Tomo I. 562 pp.; 1999 [33 abstracts]. [Proceedings are in press]
2000 Aberdeen, UK	CIAC Workshops and Symposium on Cephalopod Biomass and Production. Organized by Peter R. Boyle, Graham J. Pierce, Martin A. Collins, A. Louise Allcock, Paul Shaw, Paul G. Rodhouse & Malcolm R. Clarke	Cephalopod Biomass and Production. P.R. Boyle, G.J. Pierce, M.A. Collins & J.J. Watson (Editors). <i>Bulletin of Marine Science</i> , 2002.

Table 1. Continued.

(b) Other Meeting Series

Location and dates	Title, sponsors and organizers	Publications
Japan, 1971 onwards	Annual Meeting: Surumeika, <i>Todarodes pacificus</i> Resources and Oceanographic Conditions in Japanese Waters.	Proceedings appear as publications by the host laboratory. [in Japanese]
USSR, 1968, 1982, 1985, 1988	All-Union Colloquia and Symposia: Cephalopods.	Brief meeting reports published in <i>Paleontologicheskii Zhurnal</i> . [in Russian]
USSR, 1977, 1982, 1985, 1988, 1990	All-USSR Scientific Conferences: Commercial Invertebrates.	Proceedings include abstracts on cephalopods. [in Russian]
Europe or North America, 1979, 1987, 1991 onwards	International Council for the Exploration of the Sea's Working Group on Cephalopod Fisheries and Life History. [the group's title has changed several times]	Reports appear as ICES CM publications, generally available from national fisheries laboratories. The 2000 and 2001 reports are available on the ICES website at http://www.ices.dk/committe/lrc/lrc.htm
Europe, 1979, 1985, 1990, 1996, 1999	International Symposia: Cephalopods Present and Past. Organised by palaeontological and geological groups.	Proceedings or abstracts published by host organizations.
Canary Islands, Spain, 1978, 1982, 1986, 1991, 1997	Working Groups: Cephalopod Stocks in the CECAF Region.	Reports published by FAO in the CECAF/ECAF series.
Europe, 1989, 1991, 1994, 1998, 2000	World Cephalopod Trade Conferences. The 1991, 1994, 1998 and 2000 conferences were organized by Agra Europe (London) Ltd.	Proceedings are published by Agra Europe Ltd.

Table 1. Continued.

(c) Other Symposia and Workshops

Year and venue	Title, sponsors and organizers	Publications
1973 Gdynia, Poland	Squid Symposium. Organized by Marek Lipinski.	Symposium Kalmarow. M. Lipinski (Editor), Sea Fisheries Institute Gdynia, Poland. 173 pp.; 1973 [13 papers; in Polish] [Translation: Squid Symposium. M. Lipinski (Editor). Published for the National Marine Fisheries Service. Published by the Foreign Scientific Publications Department of the National Center for Scientific Technical and Economic Information: Warsaw, Poland, 120 pp.; 1977]
1974 Kaliningrad, USSR	Conference: The Resources and Biology of Marine and Oceanic Invertebrates.	Central Research Institute of Information and Technics-Economics Investigations of the USSR Ministry of Fisheries. Referative Information. Ser. 1: Fisheries Ichthyology, No. 6: 1-9; 1974 [9 abstracts on cephalopods; in Russian]
1975 London, UK	Symposium: The Biology of Cephalopods in Honour of J. Z. Young. Zoological Society of London; organized by Marion Nixon & John B. Messenger.	The Biology of Cephalopods. M. Nixon & J.B. Messenger (Editors), Symposia of the Zoological Society of London, No. 38. Academic Press: London, UK, 615 pp.; 1977 [22 papers + 2 appendices].
1975 Tokyo & Hakodate, Japan	Conference: Expert Consultation on Fishing for Squid and Other Cephalopods. Food and Agriculture Organization of the United Nations (FAO).	Report of the Expert Consultation on Fishing for Squid and Other Cephalopods, Tokyo and Hakodate, Japan, 9-13 September 1975. FAO Fisheries Reports, No. 170: 1-11; 1975 [and FAO Fisheries Reports, No. 170 (Suppl. 1): 1-150; 1976].
1976 Moss Landing, California, USA	2nd Annual Sea Grant Squid Symposium. California Sea Grant; California Department of Fish & Game; organized by Conrad W. Recksiek & Herbert W. Frey.	Biological, Oceanographic, and Acoustic Aspects of the Market Squid, <i>Loligo opalescens</i> Berry. C.W. Recksiek & H.W. Frey (Editors). California Department of Fish & Game, Fish Bulletin 169: 1-185; 1979 (1978) [13 papers].
1976 Indian Wells, California, USA	CalCOFI Symposium: The Market Squid, <i>Loligo opalescens</i> . California Cooperative Oceanic Fisheries Investigation.	California Cooperative Oceanic Fisheries Investigation, Report 20: 19-69, N. North (Editor); 1979 [7 papers].
1977 Kaliningrad, USSR	Conference: The Study of Cephalopods.	Biologiya Moria 1978(1): 83-84 [in Russian]. [Translation: Soviet Journal of Marine Biology 4(1): 549-550; 1978]

Table 1. Continued.

Year and venue	Title, sponsors and organizers	Publications
1978 Halifax, Nova Scotia, Canada	Workshop: The Squid <i>Illex illecebrosus</i> . Resource Branch (Shellfish Section), Fisheries and Oceans Canada & Dalhousie University; organized by Ronald K. O'Dor, Tissa Amaratunga & Norval Balch.	Proceedings of the Workshop on the Squid <i>Illex illecebrosus</i> . Dalhousie University, Halifax, Nova Scotia, May, 1978; and a Bibliography on the Genus <i>Illex</i> . N. Balch, T. Amaratunga & R.K. O'Dor (Editors). Fisheries and Marine Service Technical Report, No. 833: v + 318 pp.; 1978 [24 papers]
1979 Corpus Christi, Texas, USA	Contributed Paper Session: Cephalopoda. American Malacological Union [45th Annual Meeting]; organized by Clyde F.E. Roper.	Abstracts of Papers Presented at the 1979 Meeting: Cephalopoda; Bulletin of the American Malacological Union, 1979: 68-70, 1980 [11 abstracts + 3 cephalopod papers in contributed paper section of the bulletin]
1980 Hyannis, Massachusetts, USA	Special Squid Symposium. National Shellfisheries Association [Annual Meeting]; organized by Terence W. Rowell.	Journal of Shellfish Research, 1(1) 101-126; 1981 [12 abstracts]
1980 Louisville, Kentucky, USA	Symposium: Functional Morphology of Cephalopods. American Malacological Union [46th Annual Meeting]; organized by Clyde F.E. Roper.	Journal of Shellfish Research, 1(2): 135-207; 1981 [8 papers]
1981 Seattle, Washington, USA	Squid Workshop. National Marine Fisheries Service; organized by Robert W. Mercer.	Functional Morphology of Cephalopods. Malacologia, 23(1): 87-208; 1982 [8 papers]
1981 Queenscliff, Australia	Workshop: Biology and Resource Potential of Cephalopods. Organized by C.C. Lu, J. Thompson & Clyde F.E. Roper.	Proceedings of the Squid Workshop Sponsored by the Resource Assessment and Conservation Division, Northwest and Alaska Fisheries Center. R.W. Mercer (Editor). NWAFC Processed Report 81-11: 1-34; 1981.
1981 Plymouth, UK	Workshop: The Identification of Cephalopod Beaks from Predator Stomachs. Organized by Malcolm R. Clarke.	A Handbook for the Identification of Cephalopod Beaks. M.R. Clarke (Editor). Clarendon Press: Oxford, England. 273 pp.; 1986.

Table 1. Continued.

Year and venue	Title, sponsors and organizers	Publications
1981 Rome, Italy	Rosso Ammonitico Symposium.	Proceedings. A. Farinacci & W. Elmi (Editors). Tecnoscienza. iv + 602 pp.
1981 Boston, Massachusetts, USA	International Squid Symposium. New England Fisheries Development Foundation.	Proceedings of the International Squid Symposium. R.P. Amaria (Editor). UNIPUB: New York, NY. 390 pp.; 1982 [30 papers].
1981 Banyuls-sur-Mer, France	Première Reunion de Groupe de Travail sur les Céphalopodes. International Commission for the Scientific Exploration of the Mediterranean; organized by Sigurd von Boletzky & Katharina M. Mangold.	Céphalopodes. Rapports et Proces-verbaux des Reunions Commission Internationale pour l'Exploration Scientifique de la Mer Méditerranée, Monaco, 28(5): 241–290; 1983.
1981 Yucalpetén, Yucatán, Mexico	Symposium: Simposio Sobre Investigaciones de Pulpos y Calamares. Instituto Nacional de la Pesca; organized by Manuel J. Solís-Ramirez.	Simposio Sobre "Investigaciones de Pulpos y Calamares." M.J. Solís-R. (Editor). Secretaria de Pesca, Instituto Nacional de la Pesca, Memoria. 70 pp.; 1987 [4 papers].
1983 Newport, Oregon, USA	West Coast Squid Symposium. West Coast Fisheries Development Foundation.	Proceedings of the West Coast Squid Symposium. P. Granger (Editor). Oregon State University Sea Grant Marine Advisory Program: Corvallis, OR. 149 pp.; 1983 [13 papers + appendix].
1983 Wuxi, Jiangsu Province, China	Inaugural Meeting of the Cephalopod Research Group – 1st Cephalopoda Symposium. Paleontological Society of China.	Acta Palaeontologica Sinica 22(3): 366–368; 1983 [report]
1983 Seattle, Washington, USA	Contributed Paper Session: Cephalopod Biology. American Malacological Union [49th Annual Meeting]; organized by Roger T. Hanlon.	American Malacological Bulletin 2(1): 51–56, 83–99; 1984 [20 abstracts, 1 cephalopod paper]

Table 1. Continued.

Year and venue	Title, sponsors and organizers	Publications
1984 Dartmouth, Nova Scotia, Canada	Symposium: Biology and Ecology of Squids in the Northwest Atlantic. Northwest Atlantic Fisheries Organization Symposium; organized by Terence W. Rowell & Chingis M. Nigmatullin.	Special Session on Squids – September 1984. T.W. Rowell, C.M. Nigmatullin & V.M. Hodder (Editors). Northwest Atlantic Fisheries Organization (NAFO), Scientific Council Studies, No. 9: 1–175; 1985 [17 papers + 11 abstracts and titles].
1986 Philadelphia, Pennsylvania USA	Symposium: <i>Nautilus</i> : The Biology and Paleobiology of a Living Fossil. American Association for the Advancement of Science [Annual Meeting]; organized by W. Bruce Saunders, P. Bond & Neil H. Landman.	<i>Nautilus</i> : The Biology and Paleobiology of a Living Fossil. N.H. Landman & W.B. Saunders (Editors). Plenum: New York, xxviii + 652 pp.; 1987 [Topics in Geobiology 6]
1986 Monterey, California, USA	International Symposium: Life History, Systematics and Zoogeography of Cephalopods in Honor of S. Stillman Berry. American Malacological Union [52nd Annual Meeting]; organized by Roger T. Hanlon.	American Malacological Bulletin 4(2) 239–242; 1986 [abstracts] Proceedings of the International Symposium on Life History, Systematics and Zoogeography of Cephalopods in Honor of S. Stillman Berry. R.T. Hanlon (Editor). Malacologia, 29(1): 1–307; 1988 [28 papers].
1988 Honolulu, Hawaii, USA	Workshop: North Pacific Transition Zone. National Marine Fisheries Service.	Biology, Oceanography, and Fisheries of the North Pacific Transition Zone and Subarctic Frontal Zone. J. A. Wetherall (Editor). National Oceanic and Atmospheric Administration Technical Report NMFS 105: 1–111; 1992 [2 cephalopod papers]
1989 Caen, France	1st International Symposium on the Cuttlefish <i>Sepia</i> . Organized by Ève Boucaud-Camou, Paul Boulet & Sigurd von Boletzky.	La Seiche – The Cuttlefish. È. Boucaud-Camou (Editor). Centre de Publications de l'Université de Caen: Caen, France. 358 pp.; 1991 [26 papers + 30 abstracts]
1989 Catalina Island, California, USA	International Workshop: Fishery and Market Potential of <i>Octopus</i> in California. USC Sea Grant Institutional Program; California Sea Grant College Program; Tatman Foundation Channel Islands Research Program; MBC Applied Environmental Sciences; organized by Michael A. Lang, Frederick G. Hochberg, John M. Engle, Richard F. Ambrose & Charles T. Mitchell.	Proceedings of the Workshop on the Fishery Biology and Market Potential of <i>Octopus</i> in California. M.A. Lang & F.G. Hochberg (Editors). Smithsonian Institution: Washington. 192 pp.; 1997.
1989 Mazara del Vallo, Sicily, Italy	International Workshop: Use of Statoliths to Age Squid. Organized by Patrizia Jereb, Sergio Ragonese & Sigurd von Boletzky.	Squid Age Determination Using Statoliths. P. Jereb, S. Ragonese & S.v. Boletzky (Editors). Note Techniche e Reprints dell'Istituto di Tecnologia della Pesca e del Pescato: Mazara del Vallo, Italy. Special Publication No. 1: 1–128; 1991 [12 papers].

Table 1. Continued.

Year and venue	Title, sponsors and organizers	Publications
1990 Woods Hole, Massachusetts, USA	International Symposium: Systematics, Biology and Fisheries of Recent Cephalopods in Honor of Gilbert L. Voss. American Malacological Union [56th Annual Meeting]; organized by Clyde F.E. Roper, Michael Vecchione & Michael J. Sweeney.	Gilbert L. Voss Memorial Issue. Gilbert L. Voss International Symposium held at the American Malacological Union Annual Meeting at Marine Biological Laboratory, Woods Hole, Massachusetts, June 3–7 1990: Contribution from Friends, Colleagues and Students. C.F.E. Roper, M.J. Sweeney & M. Vecchione (Editors). Bulletin of Marine Science, 49(1&2): 1–670; 1991 [41 papers + 44 abstracts + 11 non-cephalopod papers].
1990 Woods Hole, Massachusetts, USA	Symposium: Integrative Neurobiology and Behavior of Mollusks. American Malacological Union [56th Annual Meeting]; organized by Roger T. Hanlon & Alan M. Kuzirian.	American Malacological Bulletin 9(1): 43–98; 1991 [2 cephalopod papers] Integrative Neurobiology and Behavior of Mollusks Symposium: Introduction, Perspectives, and Round-Table Discussion. Biological Bulletin 180(2): 197–327; 1991 [3 cephalopod papers]
1990 Holyrood, Newfoundland, Canada	Symposium: Biology and Fisheries of Commercially Important Squid.	Journal of Cephalopod Biology 2(1): 23–74; 1991 [6 papers] Journal of Cephalopod Biology 2(2): 1–32; 1995 (1993) [2 papers].
1991 Florence, Italy	Symposium: Systematics and Biology of the Mediterranean Sepioidae. International Commission for the Scientific Exploration of the Mediterranean Working Group on Cephalopods; organized by Benedetto Lanza, Cecilia Volpi & Marco Borri.	Mediterranean Sepioidae: Les Sépioles de Méditerranée. S.v. Boletzky (Editor). Bulletin de l'Institut Oceanographique, Monaco, Numero special 16: 1–104. 1995 (12 papers).
1991 Cambridge, UK	International Symposium: Cephalopod Neurobiology. Organized by N. Joan Abbott & Roddy Williamson.	Cephalopod Neurobiology: Neuroscience Studies in Squid, Octopus, and Cuttlefish. N.J. Abbott, R. Williamson & L. Maddock (Editors). Oxford University Press: New York, NY. xviii + 542 pp.; 1995 (32 papers).

Table 1. Continued.

Year and venue	Title, sponsors and organizers	Publications
1991 London, UK	Symposium: The Ammonoidea: Evolution, Ecology and Environmental Change. Systematics Association [Annual Meeting].	The Ammonoidea: Environment, Ecology, and Evolutionary Change. M.R. House, (Editor). Systematics Association: London, England, Special Vol. 47: xii + 354 pp.; 1993.
1992 Kyoto, Japan	Symposium: Cephalopod Biology and Paleobiology. 29th International Geological Congress, organized by Kazushige Tanabe & Neil H. Landman.	Journal of Cephalopod Biology, 2(2): 6 pp.; 1995 (1993) [15 abstracts].
1996 Tokyo, Japan	Symposium: Large Pelagic Squids. Japan Marine Fishery Resources Research Center; organized by Takashi Okutani	Contributed Papers to International Symposium on Large Pelagic Squids (for JAMARC's 25th Anniversary of its Foundation). T. Okutani (Editor). Japan Marine Fishery Resources Research Center: Tokyo, Japan. 269 pp.; 1998. [21 papers]
1998 Cascais, Portugal	Theme Session: The Impact of Cephalopods in the Food Chain and their Interaction with the Environment. ICES Annual Science Conference; organized by Uwe Piatkowski & Manuela Morais da Cunha.	Impact of cephalopods in the food chain and their interaction with the environment. U. Piatkowski, G.J. Pierce & M. Morais da Cunha (Editors). Fisheries Research, 52: 1-142. [6 papers from the symposium appeared in ICES Journal of Marine Science, 57; 2000.]
2000 Dakar, Senegal	Colloque: Le poulpe commun <i>Octopus vulgaris</i> du Sénégal et des côtes nord-ouest africaines; organized by the Institut pour la Recherche et le Développement (IRD), France, and the Centre de Recherches Océanographiques de Dakar Thiaroye (CRODT), Senegal	Le Poulpe <i>Octopus vulgaris</i> : Sénégal et Côtes Nord-Ouest Africaines. A. Cavarière, M. Thiam & D. Jouffre (Editors). Institut pour la Recherche et le Développement (IRD) Editions: Paris, France. 385 pp.; 2002.

Table 2. Honorary Life Members of the Cephalopod International Advisory Council and their primary institutional affiliation.

Name	Country DOB–DOD	Institution Affiliation	Date and Location of Award
Dr. William Adam	Belgium; 1909–1988	Institut Royal des Sciences Naturelles de Belgique, Brussels, Belgium	1988: Washington, DC, USA [awarded in absentia]
Dr. Anna M. Bidder	UK; 1903–2002	University of Cambridge, Cambridge, UK	1985: Banyuls-sur-Mer, France [awarded in absentia]
Dr. Malcolm R. Clarke	UK; 1930–	Marine Biological Association of the United Kingdom, The Laboratory, Plymouth, UK	1997: Cape Town, South Africa [awarded in absentia]
Dr. Katharina M. Mangold	Switzerland; 1922–	Universite Pierre et Marie Curie, Laboratoire Arago, Banyuls-sur-Mer, France	1994: Vico Equense, Italy
Prof. John B. Messenger	UK; 1935–	University of Sheffield, Sheffield, UK	2000: Aberdeen, UK [awarded in absentia]
Dr. Kir N. Nesis	Russia; 1934–2003	P.P. Shirshov Institute of Oceanology, Moscow, Russia	1985: Banyuls-sur-Mer, France
Dr. Takashi Okutani	Japan; 1931–	Tokyo University of Fisheries, Tokyo, Japan	1997: Cape Town, South Africa [awarded in Santa Barbara, USA]
Dr. Clyde F.E. Roper	USA; 1937–	National Museum of Natural History, Smithsonian Institution, Washington, DC, USA	2000: Aberdeen, UK
Dr. Gilbert L. Voss	USA; 1918–1989	Rosenstiel School of Marine and Atmospheric Science, University of Miami, Miami, Florida, USA	1988: Washington DC, USA
Dr. Martin J. Wells	UK; 1928–	University of Cambridge, Cambridge, UK	1997: Cape Town, South Africa [awarded in absentia]
Prof. John Z. Young	UK; 1907–1997	University College, London, UK	1985: Banyuls-sur-Mer, France [awarded in absentia]

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APPENDIX 1

Officers of the Cephalopod International Advisory Council since its inception in 1983.

Dates	President	Executive Secretary
1983–1985	Katharina M. Mangold (FRANCE)	Malcolm R. Clarke (UK)
1986–1988	Nancy A. Voss (USA)	Malcolm R. Clarke (UK)
1989–1991	Ronald K. O'Dor (CANADA)	John B. Messenger (UK)
1992–1994	Malcolm R. Clarke (UK)	Peter R. Boyle (UK)
1995–1997	Frederick G. Hochberg (USA)	Bernd U. Budelmann (USA)
1998–2000	Paul G. Rodhouse (UK)	Bernd U. Budelmann (USA)
2001–2003	Chung C. Lu (TAIWAN)	Emma M. C. Hatfield (UK)