

**6th Meeting of the Sessional Committee of the
CMS Scientific Council (ScC-SC6)**

Bonn, Germany, 18 – 21 July 2023

UNEP/CMS/ScC-SC6/Doc.4

**PROGRESS IN THE IMPLEMENTATION OF THE PROGRAMME OF WORK FOR THE SESSIONAL
COMMITTEE OF THE SCIENTIFIC COUNCIL FOR THE INTERSESSIONAL PERIOD BETWEEN
COP13 AND COP14**

(Prepared by the Secretariat)

ScC-SC6 CRP 4

Summary:

This document is provided to assist the Sessional Committee in reviewing progress in the implementation of the Programme of Work for the Sessional Committee of the Scientific Council for the intersessional period between COP13 and COP14.

The Sessional Committee is recommended to review the document and update it during the meeting as appropriate.

PROGRESS IN THE IMPLEMENTATION OF THE PROGRAMME OF WORK FOR THE SESSIONAL COMMITTEE OF THE SCIENTIFIC COUNCIL FOR THE INTERSESSIONAL PERIOD BETWEEN COP13 AND COP14

1. At its fifth meeting in 2021 (ScC-SC5), the Sessional Committee of the Scientific Council developed a Programme of Work (POW) for the intersessional period between COP13 and COP14.
2. The present meeting provides an opportunity for an assessment of progress in the implementation of the POW. To this end, the Annex of this document includes an updated version of the POW endorsed by ScC-SC5, which includes, in the column 'Status', a summary of progress in the implementation of each activity as of end of June 2023, based on information available to the Secretariat. The Sessional Committee may review the document to verify whether it accurately reflects progress in implementation, or if any update is needed, as well as to indicate possible further actions that might be undertaken after ScC-SC6 and before COP14 and ScC-SC7 for activities not yet completed. It is proposed that the table in the Annex be updated during the meeting when relevant items are addressed.

Recommended Actions

3. The Sessional Committee is recommended to assess progress in the implementation of the POW and plan on further actions that might be undertaken after ScC-SC6 and before COP14 and ScC-SC7 using the table included in the Annex.

ANNEX

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|---|--|---|---|--|-------------------------------|---|--------------------------------|---|--|
| <i>Resolution / Decision number</i> | <i>Text of Resolution / Decision</i> (The Scientific Council shall/should) | <i>Further short description of activity (if necessary)</i> | <i>List of outputs</i> | <i>Timeframe (year and/or meeting) (as per Res / Dec, if provided)</i> | <i>Name of lead person(s)</i> | <i>Names of other people involved</i> | <i>Core, High, Medium, Low</i> | <i>ScC, StC, COP (including session number)</i> | <i>Status of the activity as of June 2023</i> |
| Strategic, Institutional and Legal Matters | | | | | | | | | |
| COOPERATION BETWEEN THE IPBES AND CMS | | | | | | | | | |
| Res. 10.8 (Rev.COP13) | <i>1. Urges CMS Parties Focal Points and Scientific Councillors to communicate and liaise regularly with the national representatives in the IPBES to ensure that the needs for research and policy guidance related to migratory species, especially those listed under CMS, are being adequately addressed by IPBES.</i> | As per mandate | Research and policy guidance needs for Migratory Species is addressed by IPBES assessments and other products | 2021-2023 | None | Individual ScC members Sec FP: Marco Barbieri | Medium | ScC-SC6 - COP14 | Activity to be implemented by individual members of the ScC. Status unknown |
| Res. 10.8 (Rev.COP13) | <i>8. Requests the Scientific Councillors to engage in all relevant processes of IPBES and in the development of new assessments including in their scoping processes, in collaboration with the scientific advisory bodies of other MEAs as appropriate;</i> | Compile calendar of development of assessments and other products, and identify opportunities for input and engagement; Agree on modality of input (individual or collective); | ScC input to IPBES Processes | 2021-2023 | | Individual ScC members (Sec FP: Marco Barbieri/L aura Cerasi) | Medium | ScC-SC6 - COP14 | Ongoing. The Secretariat informs the Council of opportunities to engage in in IPBES activities through Notifications The CMS COP-appointed Councillor on Connectivity and the Secretariat contributed to the scoping processes of the thematic assessment of the interlinkages among biodiversity, water, food and health (Nexus Assessment) and of the thematic assessment of the underlying causes of |
| Dec.13.12 | <i>The Scientific Council is requested, subject to the availability of resources, to engage in relevant scoping processes and review of drafts of the IPBES thematic assessments adopted by IPBES-7 Plenary with a view to ensure that elements of connectivity are integrated.</i> | | | | | | | | |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|--|---|---|--|-----------|-----------------|--------------------------|----------|-----------------|--|
| | | | | | | | | | biodiversity loss, determinants of transformative change and options for achieving the 2050 vision for biodiversity (Transformative Change Assessment), and provided recommendations with a view to integrated relevant aspects of connectivity (as per document UNEP/CMS/COP14/Doc..18.2) |
| DEFINITION OF THE TERMS "RANGE STATE" AND "VAGRANT" | | | | | | | | | |
| Dec.13.140 | <i>The Scientific Council, subject to the availability of resources, is requested to:</i> <i>a) develop, as practical guidance for CMS Parties, interpretations for when the terms 'Range State' and 'vagrant' apply..</i> <i>b) report to the Conference of the Parties at its 14th meeting on the progress in implementing this Decision.</i> | Consider the matter at ScC-SC5. Consider establishing a Working Group to further work on the issue and report to ScC-SC6. Consolidate guidance at ScC-SC6 for transmission to COP14 | Interpretation on when the terms apply provided. Report on progress | 2021-2023 | James Williams | (Sec FP: Marco Barbieri) | High | ScC-SC6 - COP14 | Discussion paper submitted to ScC-SC5 for consideration. Intersessional Working Group established by ScC-SC5 Two meetings of IWG delivered a draft COP14 document to be reviewed and finalized by ScC-SC6 |
| COP13 Report | <i>Scientific Council to provide advice to COP14 on the advantages and disadvantages of the various ways of treating the species currently aggregated under families and genera under CMS Appendix II</i> | Consider the matter at ScC-SC5 Consider establishing a Working Group to further work on the issue and report to ScC-SC6. Consolidate advice at ScC-SC6 for transmission to COP14 | Identification of Options Advice on their advantages and disadvantages | 2021-2023 | Stephen Garnett | (Sec FP: Marco Barbieri) | High | ScC-SC6 - COP14 | Discussion paper submitted to ScC-SC5 for consideration. Intersessional Working Group established by ScC-SC5 2 meetings of the IWG delivered a draft COP14 document to be reviewed and finalized by ScC-SC6 |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|--|---|---|--|--|---------------------------------|---|--------------------------------|---|---|
| <i>Resolution / Decision number</i> | <i>Text of Resolution / Decision</i> (The Scientific Council shall/should) | <i>Further short description of activity (if necessary)</i> | <i>List of outputs</i> | <i>Timeframe (year and/or meeting) (as per Res / Dec, if provided)</i> | <i>Name of lead person(s)</i> | <i>Names of other people involved</i> | <i>Core, High, Medium, Low</i> | <i>ScC, StC, COP (including session number)</i> | <i>Status of the activity as of June 2023</i> |
| Aquatic Species Conservation Issues | | | | | | | | | |
| IMPORTANT MARINE MAMMAL AREAS (IMMAs) | | | | | | | | | |
| <i>Dec.13.56</i> | <i>a) upon request, support Parties to make use of the identified IMMAs posted on the website of the IUCN Joint SSC/WCPA Marine Mammal Protected Areas Task Force (www.marinemammalhabitat.org) when identifying habitat at risk or designing threat mitigation measures for CMS-listed pinnipeds, sirenians, otters, Polar Bears and cetaceans;</i> | As per mandate | Parties make use of the info available on the website to identify conservation measures of CMS listed species of interest. | On request | Giuseppe Notarbartolo di Sciara | AMWG (Sec FP: Jenny Renell) | Medium | ScC-SC6 - COP14 | No requests received. |
| <i>Dec.13.56</i> | <i>b) collaborate with the IUCN SSC/WCPA Marine Mammal Protected Areas Task Force to include data on CMS-listed pinnipeds, sirenians, otters, polar bears and cetaceans in the identification of IMMAs;</i> | As per mandate | Scientific Data on CMS listed species provided. | Ongoing | Giuseppe Notarbartolo di Sciara | AMWG (Sec FP: Jenny Renell) | Medium / High | ScC-SC6 - COP14 | Ongoing. |
| <i>Dec.13.56</i> | <i>c) provide advice to Parties on request on the scientific merits of including regional populations of Dugong dugon on Appendix I of CMS.</i> | As per mandate | Conservation measures recommended for IMMAs relevant for Dugong dugon (Draft Resolution / Decisions) | On request | Giuseppe Notarbartolo di Sciara | AMWG (Sec FP: Donna Kwan, Jenny Renell) | Medium / High | ScC-SC6 - COP14 | No requests received. Recommendations contained in UNEP/CMS/COP14/Doc.27.5.3. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|--|--|---|--|------------------|--|---|----------|---------------------------|--|
| ADVERSE IMPACTS OF ANTHROPOGENIC NOISE ON CETACEANS AND OTHER MIGRATORY SPECIES | | | | | | | | | |
| Dec. 13.60 | a) after it has received input from the CMS/ACCOBAMS/ASCOBAN S Joint Noise Working Group, review the report on Best Available Technology (BAT) and Best Environmental Practice (BEP) for Three Noise Sources: Shipping, Seismic Airgun Surveys, and Pile Driving, and, if required, develop voluntary noise mitigation guidelines on these activities of concern; | Review Report on BAT and BEP. Review Parties' submissions regarding the need for additional guidance on assessment and mitigation of marine noise. Develop guidelines if required. Collaborate with the IWC in support of the IWC's "global review of marine seismic surveys" [Liaise with IWC]. | Report on BAT and BEP reviewed. Guidelines on noise mitigation developed if required. | 2021 | Mark Simmonds, Giuseppe Notarbartolo di Sciara | JNWG (Sec FP: Heidrun Frisch-Nwakanma) | Medium | ScC-SC6 - COP14 | Completed. Technical Series published. No response from Parties regarding need for additional guidance. Collaboration with IWC ongoing. |
| Dec. 13.60 | b) assess the need for updating the CMS Family Guidelines on Environmental Impact Assessment for Marine Noise-generating Activities and/or its Technical Support Information prior to the 14th meeting of the Conference of the Parties. | Review Parties' submissions with respect to experiences and lessons-learned in the application of the EIA Guidelines (Dec.13.58 b). Request advice from JNWG. | Draft Decision for COP14 developed, if deemed beneficial. | Prior to ScC-SC6 | Mark Simmonds, Giuseppe Notarbartolo di Sciara | JNWG (Sec FP: Heidrun Frisch-Nwakanma) | Medium | ScC-SC6 - COP14 | Completed. Recommendations contained in UNEP/CMS/COP14/Doc.27.2.2. |
| BYCATCH | | | | | | | | | |
| Dec. 13.62 | The Scientific Council and the Working Group on Bycatch are invited, subject to the availability of funds and in cooperation with other relevant organizations such as the Sharks Memorandum of Understanding (MOU) Advisory Committee and regional fisheries management organizations to: a) review current data and knowledge about levels of bycatch of CMS-listed chondrichthyan species and existing measures | -Review current levels of bycatch of CMS-listed and Sharks MOU Annex 1-listed chondrichthyan species. - Review available knowledge of at-vessel and post-release mortality in those fisheries interacting with these listed chondrichthyan species. | Reviews prepared on (i) current levels of bycatch, (ii) available knowledge of post release mortality and (iii) existing measures to mitigate bycatch of chondrichthyan species. | At ScC-SC6 | Barry Baker, Rima Jabado | CMS Bycatch WG (Sec FP: Jenny Renell) Sharks MOU Advisory Committee (Sec FP: Andrea Pauly) | Medium | ScC-SC6 - COP14 | Partially completed. Review of existing bycatch mitigation measures and recommendations, and revised draft Decisions contained in UNEP/CMS/COP14/Doc.27.1.1 |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|--------------------------|---|---|--|------------|---|--|----------|-----------------|---|
| | <i>to mitigate bycatch based on species, fishing area, fisheries, fishing season and gear type;</i> | - Review existing measures to mitigate such bycatch. | | | | | | | |
| Dec. 13.62 | <i>b) based on the above, identify priorities for bycatch mitigation and make recommendations to Parties and the CMS Sharks MOU on the most effective and appropriate measures to mitigate and reduce bycatch based on the above categories, while ensuring that recommended measures do not act to the disadvantage of other CMS-listed marine species.</i> | -Prepare guidelines that include recommendations to CMS Parties and Sharks MOU Signatories on the most effective and appropriate measures to mitigate and reduce bycatch of CMS-listed and Sharks MOU Annex 1-listed chondrichthyan species based on the above categories. (This will also address the mandate from Dec.13.72.) | Recommendations to Parties and Sharks MOU Signatories (Draft decisions/ Resolutions) | At ScC-SC6 | Barry Baker, Rima Jabado | CMS Bycatch WG (Sec FP: Jenny Renell) Sharks MOU Advisory Committee (Sec FP: Andrea Pauly) | Medium | ScC-SC6 – COP14 | <i>To follow once the above is completed.</i> |
| AQUATIC WILD MEAT | | | | | | | | | |
| Dec. 13.64 | <i>The Aquatic Wild Meat Working Group of the Scientific Council should, subject to the availability of resources: a) work with the Bycatch Working Group to develop an analysis of the extent of instances where bycatch transitions to aquatic wild meat harvest and report on this for the Scientific Council to provide clear recommendations to the 14th meeting of the Conference of the Parties (COP14).</i> | Review the report and recommendations from AWMWG. | Report activities and Recommendations to COP14 (draft Decisions/Resolutions) | ScC-SC6 | Margi Prideaux (Chair) (supports Barry Baker) | (Sec FP: Melanie Virtue, Heidrun Frisch-Nwakanma) | Medium | ScC-SC6 - COP14 | Ongoing. Report and recommendations contained in UNEP/CMS/COP14/Doc.30.1.2. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|------------|--|--|--|-----------|--|---|----------|-----------------------|---|
| Dec. 13.64 | <p><i>b) undertake the following tasks over the course of the intersessional period and report to the Scientific Council with clear recommendations for CMS Parties for COP14, ensuring that perspectives of species conservation, human health and sustainable livelihoods are taken into account:</i></p> <p><i>i. incorporate CMS Appendix I-listed Sharks and Rays into all relevant activities of the working group;</i></p> <p><i>ii. continue discussions to establish an online knowledge base as a repository of papers (journal articles, meeting documents etc.) and other information related to aquatic wild meat;</i></p> <p><i>iii. serve as an expert resource for CMS Parties, the Scientific Council and the Secretariat to contribute to the bushmeat/wild meat discussions within the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), the Convention on Biological Diversity (CBD), the International Whaling Commission (IWC) and the Collaborative Partnership on Sustainable Wildlife Management (CPW), or when international coordination and cooperation about aquatic wild meat is required;</i></p> <p><i>iv. explore opportunities for greater engagement with the work of the CPW;</i></p> | <p>Review the report and recommendations from AWMWG.</p> | <p>Advice and support activities; Action Plans developed;</p> <p>Report activities and Recommendations to COP14 (draft Decisions/ Resolutions)</p> | ScC-SC6 | Margi Prideaux, Chair (supports Barry Baker) | (Sec FP: Melanie Virtue, Heidrun Frisch-Nwakanma) | Medium | ScC-SC6 - COP14 | Ongoing. Report and recommendations contained in UNEP/CMS/COP14/Doc.30.1.2. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|---------------------------------|---|---|--|-----------|---------------------------------|-----------------------------|----------|-----------------|---|
| | <p>v. develop a criterion for considering if some Appendix II-listed sharks and rays should be included within the scope of the Working Group;</p> <p>vi. share information with the IWC and participate in future Small Cetacean Subcommittee meetings with a focus on aquatic wild meat; vii. provide support to the Abidjan Aquatic Wildlife Partnership, where the development of the Action Plan to Combat Trade, Direct Consumption, Illegal Logging, and Other Uses of Endangered, Threatened or Protected Coastal and Marine Species overlaps with the conservation of CMS-listed species in the western African region;</p> <p>viii. collect and present information about seabird harvests as aquatic wild meat;</p> <p>ix. develop a sub-regional aquatic Wild Meat action plan for the Gulf of Guinea for consideration by Range State Parties in the region; and develop regional, sub-regional or national actions plans for Range State Parties that request assistance.</p> | | | | | | | | |
| MARINE WILDLIFE WATCHING | | | | | | | | | |
| Dec. 13.68 | The Scientific Council is requested, subject to availability of resources, to: a) utilize the review of existing guidelines undertaken in partial fulfillment of Decision 12.51 (b) and presented to the 13th meeting of the Conference of the Parties (COP13), develop | Develop guidelines including a recommended code of conduct for operators. | Guidelines and code of conduct developed | 2021 | Giuseppe Notarbartolo di Sciara | AMWG (Sec FP: Jenny Renell) | High | ScC-SC6 - COP14 | Completed. Recommendations and draft guidelines contained in UNEP/CMS/COP14/Doc.27.3.1. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|-----------------------|---|----------------|--|------------------|---------------------------------|---|----------|-----------------------|--|
| | <i>guidelines, including a recommended code of conduct for operators on recreational in-water interactions with CMS-listed species;</i> | | | | | | | | |
| Dec. 13.68 | <i>b) consult with the Secretariats and Advisory Committees, where appropriate, of the CMS Memoranda of Understanding dealing with aquatic species, in the development of these guidelines;</i> | As per mandate | Guidelines developed | 2021 | Giuseppe Notarbartolo di Sciara | (Sec FP: Jenny Renell) | High | ScC-SC6 - COP14 | Done. |
| Dec. 13.68 | <i>c) consult with the IWC Scientific Committee in the development of these guidelines and, if practical, consider agreeing a joint product, at least with respect to cetaceans;</i> | As per mandate | Guidelines developed | 2021 | Giuseppe Notarbartolo di Sciara | IWC (Sec FP: Jenny Renell) | High | ScC-SC6 - COP14 | Done. |
| Dec. 13.68 | <i>d) present the guidelines and recommended code of conduct for operators concerning recreational in-water interaction to COP14, for formal consideration.</i> | As per mandate | Guidelines submitted to COP14 for consideration. | ScC-SC6 COP14 | Giuseppe Notarbartolo di Sciara | (Sec FP: Jenny Renell) | High | ScC-SC6 COP14 | Contained in UNEP/CMS/COP14/Doc.27.3.1. |
| MARINE TURTLES | | | | | | | | | |
| Dec. 13.70 | <i>a) review, as far as feasible in collaboration with the Memorandum of Understanding on the Conservation and Management of Marine Turtles and their Habitats of the Indian Ocean and South-East Asia (IOSEA Marine Turtle MOU) and the Inter-American Convention for the Protection and Conservation of Sea Turtles, relevant scientific information on conservation and threats to marine turtles, such as climate change;</i> | s. | Information reviewed, key threats globally identified. | 2021-2022 | | IOSEA Marine Turtle MOU, IAC (Sec FP: Heidrun Frisch-Nwakanma) | Medium | ScC-SC6 COP14 | On hold. Recommendations contained in UNEP/CMS/COP14/Doc.27.6.1. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|-----------|---|--|--|-----------|------|---|----------|------------------|--|
| Dec.13.70 | <i>b) based on this review, develop new recommendations for the conservation of all species of marine turtle included in Appendix I or II of the Convention including the preservation of the current nesting beaches and the identification of new nesting beaches, for presentation at the 14th meeting of the Conference of the Parties;</i> | Develop recommendations on the conservation of listed marine turtle species. | Recommendations developed (Draft decisions/ Resolutions). | ScC-SC6 | | (Sec FP: Heidrun Frisch-Nwakanma) | Medium | ScC-SC6 COP14 | Pending; depends on a). |
| Dec.13.70 | <i>c) develop, in collaboration with the IOSEA Marine Turtle MOU, CITES, Ramsar Convention and relevant non-governmental organizations and supported by the Secretariat, a draft Single Species Action Plan for the conservation of Hawksbill Turtles to be presented preferably at the 14th meeting of the Conference of the Parties, to address their trade and use in South-East Asia, and the adjacent Western Pacific, and taking into account the 2019 CITES Report on Status, Scope and Trends of the Legal and Illegal International Trade in Marine Turtles, its Conservation Impacts, Management Options and Mitigation Priorities, as well as the Hawksbill Assessment under preparation by the Advisory Committee of the IOSEA Marine Turtle MOU.</i> | Develop a draft Single Species Action Plan for the Conservation of Hawksbill Turtle. | Single Species Action Plan for the Conservation of Hawksbill Turtle drafted. | 2021-2023 | | IOSEA Marine Turtle MOU (Sec FP: Heidrun Frisch-Nwakanma) | Medium | ScC-SC6 COP14 | Completed. Hawksbill Turtle SSAP adopted on 2 June 2022 (available here). |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|--|---|--|--|------------------|---------------------------------|--|----------|----------------------|---|
| CHONDRICHTHYAN SPECIES (SHARKS, RAYS, SKATES AND CHIMAERAS) | | | | | | | | | |
| Dec.13.72 | <i>The Scientific Council shall review a synthesis of National Reports, to be prepared by the Secretariat, to examine information provided on bycatch of Appendix I-listed chondrichthyan species and provide advice to Parties as warranted on measures to reduce bycatch to sustainable levels.</i> | Examine information from the synthesis of National Reports. Advice to Parties to be given in context of Dec.13.62. | | 2021 | Barry Baker, Rima Jabado | (Sec FP: Andrea Pauly) Sharks MOU Advisory Committee | Medium | ScC-SC5 | Completed. |
| GLOBAL PROGRAMME OF WORK FOR CETACEANS | | | | | | | | | |
| Dec.13.81 | <i>The Aquatic Mammals Working Group is requested, subject to the availability of resources, to: a) review the regional threats for the CMS-listed aquatic mammals not included in the Global Programme of Work (POW) for Cetaceans and undertake a revision of the POW leading up to the 14th meeting of the Conference of the Parties (COP14), including a review of the implementation of the POW to date, preparation of a gap analysis and identification of the priorities going forward;</i> | Review output of the AMWG (review of regional threats for CMS listed aquatic mammals not included in POW for Cetaceans; review and update of the POW). | Global POW for Cetaceans reviewed, revised Global POW for Cetaceans developed. Regional threats for other aquatic mammals reviewed. | 2021-2022 | Giuseppe Notarbartolo di Sciara | AMWG (Sec FP: Heidrun Frisch-Nwakanma) | Medium | ScC-SC6 COP14 | Completed regarding cetaceans. Recommendations contained in UNEP/CMS/COP14/Doc.27.5.1. Review regarding other species not started, requires funding. Recommendations contained in UNEP/CMS/COP14/Doc.27.5.3. |
| Dec.13.81 | <i>b) based on this assessment of threats and regional priorities, prepare work programmes for these other aquatic mammal species for consideration by the Scientific Council at its 5th or 6th meeting of the Sessional Committee;</i> | Prepare Work Programmes for CMS listed aquatic mammals not included in POW for Cetaceans. | Work Programmes prepared | Prior to ScC-SC6 | Giuseppe Notarbartolo di Sciara | AMWG (Sec FP: Heidrun Frisch-Nwakanma) | Medium | ScC-SC6 COP14 | To be undertaken once a) above is completed. Recommendations contained in UNEP/CMS/COP14/Doc.27.5.3. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|------------|--|---|--|---------------|----------------------------------|---|----------|----------------------|--|
| Dec.13.81 | <i>c) if applicable, provide advice on and input to the development of an Action Plan for cetaceans in the Red Sea region.</i> | As per mandate | | If requested. | Giuseppe Notarbartolo di Sciara | AMWG (Sec FP: Melanie Virtue, Abu Dhabi Office) | Medium | ScC-SC6 COP14 | Pending. Recommendations contained in UNEP/CMS/COP14/Doc.27.5.3. |
| Dec. 13.82 | <i>The Scientific Council is requested, subject to the availability of resources, to: a) review the assessments of regional threats and resulting work programmes developed by the Aquatic Mammals Working Group and provide recommendations to COP14;</i> | Review of the above activities (Dec.13.81 a and b). | Recommendation Developed (Draft Decisions / Resolutions) | ScC-SC6 | Giuseppe Notarbartolo di Sciara | AMWG (Sec FP: Heidrun Frisch-Nwakanma, Melanie Virtue) | Medium | ScC-SC6 COP14 | Pending. Recommendations contained in UNEP/CMS/COP14/Doc.27.5.3 |
| Dec. 13.82 | <i>b) if applicable, review the draft Action Plan for the cetaceans in the Red Sea region and provide recommendations to COP15;</i> | As per mandate | Draft Action Plan for Cetaceans in the Red Sea Region reviewed (if available). | 2026 | Giuseppe Notarbartolo di Sciara | AMWG (Sec FP: Melanie Virtue, Abu Dhabi Office) | Medium | COP15 | Pending. Recommendations contained in UNEP/CMS/COP14/Doc.27.5.3. |
| Dec. 13.82 | <i>c) promote work in collaboration with the International Whaling Commission (IWC) to address key gaps in knowledge and future research directions to support the implementation of the Action Plan and other conservation measures in the South Atlantic area.</i> | As per mandate | | ongoing | Giuseppe Notarbartolo di Sciara; | IWC, AMWG (Sec FP: Melanie Virtue) | Medium | COP14 | Promoted, but little appetite for this activity. Recommendations contained in UNEP/CMS/COP14/Doc.27.5.1. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|---|---|--|--|------------------|--|---|----------|------------------|--|
| MARINE POLLUTION | | | | | | | | | |
| <i>CMS/Res.12.20 ; CMS COP13/ Doc.15.1</i> | <i>Newly established COP-Appointed Councillor position in accordance with COP13/Doc.15.1.</i> | Preparation of a document with appropriate background information and including draft decisions for further work will be prepared focused on the following <ul style="list-style-type: none"> • marine debris (including FADs), • evidence of the effects of persistent organic pollutants on marine migratory species, and • nutrient pollution. | Reviews prepared for consideration by ScC-SC6. | Prior to ScC-SC6 | Mark Simmonds + for FADs Barry Baker and Rima Jabado | (Sec FP: Melanie Virtue) | | ScC-SC6 COP14 | Completed. Report and recommendations contained in UNEP/CMS/COP14/Doc.27.2.1 |
| FRESHWATER FISH | | | | | | | | | |
| <i>Res.10.12</i> | <i>Issue raised by Councillors</i> | Provide advice in response to the review conservation status of freshwater fish prepared by South America | Recommendations for conservation action | Prior to ScC-SC6 | Zeb Hogan | Héctor Vera-Alcaraz (Secretariat FP: Melanie Virtue) | | ScC-SC6 COP14 | Ongoing. Recommendations contained in UNEP/CMS/COP14/Doc.27.7.2. |
| INTENTIONAL KILLING AND MUTILATION OF SEABIRDS | | | | | | | | | |
| <i>Article III (5) Res.12.22</i> | <i>Emerging issue raised by Councillors</i> | Establish intersessional WG to further investigate the issue in collaboration with ACAP Review information submitted by Parties on measures undertaken to address the issue in the Southwest Atlantic | Review and recommendations | Prior to ScC-SC6 | Barry Baker Graeme Taylor | (Secretariat FP: Melanie Virtue) | | ScC-SC6 COP14 | Completed. See UNEP/CMS/COP14/Doc.27.1.3. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|--|---|--|---|--|--|---|--------------------------------|---|---|
| <i>Resolution / Decision number</i> | <i>Text of Resolution / Decision</i> (The Scientific Council shall/should) | <i>Further short description of activity (if necessary)</i> | <i>List of outputs</i> | <i>Timeframe (year and/or meeting) (as per Res / Dec, if provided)</i> | <i>Name of lead person(s)</i> | <i>Names of other people involved</i> | <i>Core, High, Medium, Low</i> | <i>ScC, StC, COP (including session number)</i> | <i>Status of the activity as of June 2023</i> |
| Terrestrial Species Conservation Issues | | | | | | | | | |
| CENTRAL ASIAN MAMMALS INITIATIVE (CAMI) | | | | | | | | | |
| Res.11.24 (Rev.COP13) | 11. Requests the Scientific Council and the Secretariat, subject to availability of funding, to continue and strengthen efforts to collaborate with other relevant international fora with a view to strengthening synergies and implementation of CMS and CAMI. | Collaborate with other relevant international fora with a view to strengthening synergies and implementation of CMS and CAMI. | Collaboration increased | Ongoing / COP14 | Chair of CAMI | (Sec FP: Polina Orlinskiy) | High / Core | ScC-SC – COP14 | The IKI projects <i>Central Asian Mammals and Climate Adaptation (CAMCA) and One Health in Nature Conservation</i> are being implemented / conceptualized under the lead of UNEP and IUCN respectively, taking into consideration the CAMI Programme of Work. |
| Res.11.24 (Rev.COP13) ANNEX | 8.1 To support and contribute to an analysis of knowledge gaps based on scientific evidence, specifically: a) Highlight and explain current limitations of scientific knowledge; b) Identify key questions and where appropriate construct hypotheses to advance knowledge; c) Provide robust evidence and information to stakeholders, particularly regarding status, distribution and threat | Establish an intersessional Working Group to consider options for the conservation of the Cheetah in North-Eastern Africa and Western and South Asia with Terms of Reference set out in CRP 3/C/Annex. | A conservation strategy is proposed for the Cheetah in North-Eastern Africa and Western and South Asia. | 2021-2023 | Dr Alfred Oteng-Yeboah, COP-appointed Councillor | (Sec FP: Polina Orlinskiy, Clara Nobbe) | High / Core | ScC-SC6 COP14 | The IWG was established and with funding from the UK, a report on the status of the Asiatic Cheetah prepared. The IWG was not able to meet to date to discuss the report due to challenges of Iran, the only Range State of Asiatic Cheetah participating in the meeting. |
| Res.11.24 (Rev.COP13) ANNEX | 29.12. Nominate a mammal expert for the Scientific Council. | As per mandate. | Mammal Expert Nominated | | Chair of CAMI | (Sec FP: Polina Orlinskiy) | High | ScC-SC6 | |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|---|--|--|--|-----------|--|--|----------|-----------|--|
| SAHELO-SAHARAN MEGAFUNA | | | | | | | | | |
| Res. 9.21 (Rev.COP13) | <i>1. Encourages Range States and other interested Parties to prepare, in cooperation with the Scientific Council and the Secretariat, the necessary proposals to include in Appendix I or Appendix II threatened species that would benefit from the Concerted Action.</i> | Cooperate with Range States and Parties to prepare proposals for inclusion of species in Appendices and Concerted Actions. | Proposals prepared | COP14 | Roseline Beudels-Jamar, Party-appointed Councillor | IUCN Antelope Specialist Group (Sec FP: Clara Nobbe) | High | COP14 | Discussions were held during the Third Regional Seminar on the Conservation and Restoration of Sahelo-Saharan Megafauna but no proposals were made. |
| Dec. 13.101 | <i>The Scientific Council and the Secretariat are requested, subject to the availability of resources, to examine the possibility of an extension of the area of the Concerted Action to the deserts of the Horn of Africa and associated biomes and provide their recommendations to the 14th Meeting of the Conference of the Parties.</i> | Investigate the possibility of extending the Concerted Action to the Horn of Africa and provide recommendations. Liaise with National Focal Points of the concerned Range States as to the options set out in document UNEP/CMS/ScC-SC5/Doc.6.3.2 and potential other scenarios regarding target species for the Concerted Action. | Recommendations provided (draft decisions/resolutions) | COP14 | Roseline Beudels-Jamar, Party-appointed Councillor | IUCN Antelope Specialist Group (Sec FP: Clara Nobbe) | High | COP14 | Range States of the Sahelo-Saharan Megafauna Concerted Action recommended during Third Regional Seminar on the Conservation and Restoration of Sahelo-Saharan Megafauna the inclusion of the African Wild Ass in the Concerted Action by extending the Concerted Action to the desert and semi-desert regions of the Horn of Africa. Recommendations to that effect are included in UNEP/CMS/COP14/Doc.29.2.1. |
| CONSERVATION AND MANAGEMENT OF THE AFRICAN LION (PANTHERA LEO) | | | | | | | | | |
| Dec. 13.89 | <i>The Scientific Council shall review the Guidelines for the Conservation of Lions in Africa, and formulate recommendations as appropriate for consideration by the African Lion Range States, IUCN and others, as needed;</i> | Delegate the review to the African Range States within the framework of the Joint CITES-CMS African Carnivores Initiative (ACI). The Secretariat shall inform the Scientific Council regarding the activities and outputs of | Recommendations provided to COP. | COP14 | CMS Secretariat | (Sec FP: Clara Nobbe) | Core | COP14 | The Second Meeting of the Range States of the Joint CITES-CMS African Carnivores Initiative agreed that IUCN, in consultation with the Range States, will update the Guidelines and in collaboration with the CMS and CITES Secretariats, prepare a web-based document on the ACI web-portal that will be a |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|---|---|--|---|-----------|--|-----------------------|----------|------------------|--|
| | | the ACI that relate to the Committee's mandate and request advice from the Scientific Council, as appropriate. | | | | | | | "living" document and updated as new information becomes available. A review group will review the proposed amendments to the Guidelines before it will be updated online (CITES-CMS/ACI2/Outcomes) |
| CONSERVATION AND MANAGEMENT OF THE CHEETAH (ACINONYX JUBATUS) AND AFRICAN WILD DOG (LYCAON PICTUS) | | | | | | | | | |
| Dec.13.94 | <i>The Scientific Council should, after consultation with the respective Range States affected, make recommendations to the Conference of the Parties concerning possible amendments to the list of Cheetah populations presently excluded from CMS Appendix I to reflect the current conservation status and inform a Decision by the Conference of the Parties at its 14th meeting.</i> | Establish an inter-sessional Working Group to consider the conservation status of the Botswana, Namibia and Zimbabwe populations of African Cheetah and their potential inclusion in App. I of CMS with Terms of Reference set out in CRP 6.3.1.2. | Recommendations developed and Decision informed | COP14 | Dr Alfred Oteng-Yeboah, COP-appointed Councillor | (Sec FP: Clara Nobbe) | Core | ScC-SC6 COP14 | The IWG was established and a report on the status of the Cheetah populations in Botswana, Namibia and Zimbabwe prepared. The IWG met and discussed the report without coming to an agreed conclusion. The report is contained in Document <i>UNEP/CMS/ScC-SC6/Inf.4</i> |
| CONSERVATION AND MANAGEMENT OF THE LEOPARD (PANTHERA PARDUS) IN AFRICA | | | | | | | | | |
| Dec. 13.97 | <i>The Scientific Council shall review the Roadmap for the Conservation of Leopards in Africa contained in UNEP/CMS/COP13 Doc.26.3.1/Annex 4, and formulate recommendations as appropriate for consideration by the Range States, IUCN and others, as needed.</i> | Delegate the review to the African Range States within the framework of the Joint CITES-CMS African Carnivores Initiative (ACI). The Secretariat shall inform the Scientific Council regarding the activities and outputs of the ACI that relate to the Committee's mandate and request advice from the Scientific Council, as appropriate. | Recommendations provided to COP. | COP14 | CMS Secretariat | (Sec FP: Clara Nobbe) | Core | COP14 | The Second Meeting of the Range States of the Joint CITES-CMS African Carnivores Initiative agreed that IUCN will update the Roadmap and finalize it in consultation with Range States. Range States will then focus on the development of Regional Conservation Strategies for Leopard, using the Roadmap as strategic guidance (CITES-CMS/ACI2/Outcomes) |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|---|--|--|---|-----------|---|---|----------|-----------|---|
| LISTING OF JAGUAR (PANTHERA ONCA) ON APPENDICES I AND II | | | | | | | | | |
| UNEP/CMS/COP13/Report/Annex 1 | <i>Convention Article VIII(5)(d) making recommendations to the Conference of the Parties as to specific conservation and management measures to be included in AGREEMENTS on migratory species;</i> | Work in synergy with the CITES and Jaguar 2030 Roadmap processes. | Activities synergized with CITES processes and Jaguar 2030 Roadmap, with clear actions agreed for jaguar conservation. | COP14 | Carlos Orrego, Sessional Committee Member, Costa Rica | CMS Council for Mammals (Sec FP: Clara Nobbe) | High | COP14 | The CMS Secretariat will contribute to the meeting convened by the CITES Secretariat under CITES COP19 Decision 19.111. Document UNEP/CMS/COP14/Doc.29.6.1 proposes further actions for the jaguar in cooperation with CITES and the Jaguar 2030 Roadmap Committee. |
| CONSERVATION AND MANAGEMENT OF THE AFRICAN ELEPHANT | | | | | | | | | |
| Res. 12.4, Annex, 6 (g) | The Scientific Council should fulfill the functions assigned to it in Article VIII of the Convention and subsequently assigned to it by the Conference of the Parties. These functions include: bringing to the attention of the Conference of the Parties any new and emerging issues relating to the conservation and management of migratory species. | Encourage African Range States, and IGO and NGO partners, to take actions commensurate with the needs of the savanna and forest African elephants (<i>Loxodonta cyclotis</i> and <i>L. africana</i>) in relation to the recently revised Red List Assessment and within their local context. | The conservation needs and priorities for both forest and savanna African elephants inform the conservation actions taken under the African Elephant Action Plan. | COP14 | CMS Secretariat | CMS Council for Mammals | High | COP14 | CMS Secretariat supported the review of the African Elephant Action Plan, which considers <i>Loxodonta cyclotis</i> and <i>L. africana</i> as separate species. The revised Plan has been submitted for endorsement by COP. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|--|---|---|---|--|-------------------------------|--|--------------------------------|---|---|
| <i>Resolution / Decision number</i> | <i>Text of Resolution / Decision</i> (The Scientific Council shall/should) | <i>Further short description of activity (if necessary)</i> | <i>List of outputs</i> | <i>Timeframe (year and/or meeting) (as per Res / Dec, if provided)</i> | <i>Name of lead person(s)</i> | <i>Names of other people involved</i> | <i>Core, High, Medium, Low</i> | <i>ScC, StC, COP (including session number)</i> | <i>Status of the activity as of June 2023</i> |
| Avian Species Conservation Issues | | | | | | | | | |
| AFRICAN-EURASIAN MIGRATORY LAND BIRDS | | | | | | | | | |
| <i>Res.11.17 (Rev.COP13)</i> | <i>9.Further requests the Scientific Council and the Working Group, in liaison with FLAP to promote and encourage increased public awareness of, and support for, migratory landbird conservation along the flyway among the general public and stakeholders, including about how individual birds are shared across countries and act as indicators of the overall health of the environment, of people and all biodiversity;</i> | As per mandate | To be defined by the WG through its POW | 2021-2023 | Olivier Biber | AEM LAP Coordination Swiss Ornithological Institute (SOI); Sec. FP: Iván Ramírez; Tilman Schneider; Nora Weyer | Medium | ScC-SC6 - COP14 | WG POW 2021-2026 endorsed, Landbirds logo finalized |
| <i>Res.11.17 (Rev.COP13)</i> | <i>14. Requests the Working Group and the CMS Scientific Council, in liaison with the MLSG and FLAP, with the support of the CMS Secretariat, to support implementation of Action Plans for a first set of species including the European Roller (Coracias garrulus) adopted through Resolution 12.12 Action Plans for Birds, the European Turtle-Dove (Streptopelia turtur), adopted by the 48th Meeting of the Standing Committee in line with Decision 12.21 Action Plans for Birds, and to continue to develop Action Plans for declining migratory buntings, including the Yellow-breasted Bunting (Emberiza aureola);</i> | Supporting the implementation of existing Action Plans; Supporting the development of Action Plans for Yellow-breasted Bunting and other declining migratory buntings | Action Plans for Yellow-breasted Bunting (<i>Emberiza aureola</i>) and other bunting species, as relevant, ready for adoption | Ongoing | Olivier Biber | AEM LAP Coordination Swiss Ornithological Institute (SOI); Sec. FP: Iván Ramírez; Tilman Schneider; Nora Weyer | Medium | ScC-SC6 - COP14 | Meeting with compilers and key stakeholders on Yellow-breasted Bunting AP held on 13 July '22; Final consultations with ScC in progress; afterwards endorsement by StC foreseen |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|---------------------------------------|---|---|---|-----------|-----------------------------------|--|----------|-----------------------|--|
| Res.11.17 (Rev.COP13) | 16. Calls on Parties and the Scientific Council to report progress in implementing the Action Plan, including monitoring and efficacy of measures taken, to future meetings of the Conference of the Parties. | Report on progress and review of the Action Plan | Report on Progress; Draft Decisions and Resolutions | COP14 | Olivier Biber, | AEM LAP Coordination Swiss Ornithological Institute (SOI); Sec. FP: Iván Ramírez; Tilman Schneider; Nora Weyer | Medium | COP14 | No implementation report prepared yet, but situation/SWOT and problem analysis undertaken on conjunction with new WG POW 2021-2026, which has been endorsed |
| Dec. 13.35 | a) continue the Working Group on African-Eurasian Migratory Landbirds until the 14th meeting of the Conference of the Parties (COP14), extending its membership to incorporate expertise from geographical regions currently absent, to facilitate and monitor the implementation of the Action Plan, and to develop indicators to assess the implementation of the Programme of Work 2016 – 2020; | Working Group on African-Eurasian Migratory Landbirds continues its activities: Organize meetings of the Working Group; incorporate new members of non-represented regions. Develop indicators | WG is active. Membership extended Indicators to assess the implementation of the POW 2016 – 2020 and the new POW post 2020 | 2021-2023 | Olivier Biber | AEM LAP Coordination Swiss Ornithological Institute (SOI); Sec. FP: Iván Ramírez; Tilman Schneider; Nora Weyer | High | ScC-SC6 COP14 | Contract with SOI for coordination in place until September 2023; Indicators established in conjunction with new WG POW 2021-26; membership reviewed and call for new members made |
| Res. 11.17 (Rev. COP13) Dec. 13.35 | Res. 11.17 (Rev. COP13) 8. Requests the Scientific Council and the Working Group in liaison with the MLSG to promote work to address key gaps in knowledge and future research directions, in particular through the analysis of existing long-term and large-scale datasets, the European Atlas of Bird Migration, the use of new and emerging tracking technologies, field studies of migrant birds in Africa, use of survey and demographic data from the Eurasian breeding grounds and use of remote | Undertake a study aimed at identifying key knowledge gaps and research needs, suitable research institutions and potential donors and funding programmes workshop activity under lead of BirdLife International | Study | 2021-2023 | Olivier Biber; Avian ScC-SC WG | AEM LAP Coordination Swiss Ornithological Institute (SOI); Sec. FP: Iván Ramírez; Tilman Schneider; Nora Weyer; BirdLife International | High | ScC-SC6 - COP14 | Gap analysis addressed in conjunction with new WG POW 2021-26; further research activities are contained in the new endorsed POW |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|--|---|----------|-----------------|-----------|------|--------------|----------|-----------|--------|
| | <p><i>sensing earth observation data of land cover change in Africa.</i> <i>Dec.13.35</i></p> <p><i>b) in the intersessional period between the 13th and the 14th meeting of the Conference of the Parties, and subject to the availability of resources, work with the Migratory Landbird Study Group, relevant academic institutions, research-funders and the Working Group, in order to actively promote research that addresses key knowledge gaps relating to migratory landbird conservation in African landscapes, inter alia, to:</i></p> <p><i>i. identify migratory pathways and strategies (including multi-species analysis) using tracking technologies to better understand movement patterns, geographic areas of particular importance to multiple landbird species and migratory connectivity so enabling field research, monitoring and conservation action to be targeted more effectively;</i></p> <p><i>ii. undertake detailed field studies in sub-Saharan Africa and at staging sites, in conjunction with existing data where appropriate, to better understand species distribution patterns, habitat use and foraging ecology, and in particular identify and enhance conservation of the stop-over sites immediately to the north and south of the Sahara (including through data collection and seeking linkages with relevant stakeholders);</i></p> <p><i>iii. synthesize data from European breeding grounds to explore spatial and temporal</i></p> | | | | | | | | |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|------------|---|----------------|--|-----------|-----------------|---|----------|-----------------|---|
| | <p><i>patterns in demographic parameters in relation to migratory pathways and large-scale patterns of environmental change;</i></p> <p><i>iv. use satellite image Earth observation data and where possible in conjunction with on the ground habitat and bird monitoring (including through synergies with and expansion of common bird monitoring schemes) to improve understanding where land cover is changing and how this impacts African-Eurasian migrant birds, and research the drivers of land use / land cover change;</i></p> <p><i>v. seek better understanding of how to influence the economic and social policy drivers causing land use / land cover change at different scales; and</i></p> <p><i>vi. encourage research to determine for which declining European landbird migrants declines cannot be explained by conditions in the breeding grounds.</i></p> | | | | | | | | |
| Dec. 13.35 | <p><i>c) consider the viability of the Working Group and its Steering Group in the absence of sufficient funds required for the implementation and coordination of the Working Group's Programme of Work, as outlined in Decision 13.36</i></p> <p><i>(b), and to propose an alternative mechanism for the implementation of these activities, as needed;</i></p> | As per mandate | Assessment of the viability of the Working Group and its Steering Group; proposal for alternative mechanisms as needed | 2021-2023 | Avian ScC-SC WG | Sec. FP: Iván Ramírez; Tilman Schneider; Nora Weyer | High | ScC-SC6 - COP14 | Contract (SSFA) with SOI for WG coordination in place until September 2023; WG and SG operational, and WG's membership review completed |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|---|---|---|-------------------|-----------|----------------------------|---|----------|-----------|--|
| POWER LINES AND MIGRATORY BIRDS | | | | | | | | | |
| <i>Res.10.11 (Rev.COP13)</i> | <i>5. Requests the Scientific Council, specifically the Working Groups on birds and flyways, to monitor the implementation of this Resolution and to provide further guidance when relevant new developments on reducing the impact of power lines on birds become available, such as improved mitigation techniques and standardized monitoring protocols;</i> | As per mandate, contributions from Councillors active in the field in the different regions; ensure synergies with Energy Task Force and the anticipated working group on linear infrastructure | Guidance provided | 2021-2023 | Rob Clay; Stephen Garnett; | Avian ScC-SC WG; Energy Task Force Members Sec. FP: Iván Ramírez; Tilman Schneider, BirdLife International | Medium | COP14 | Power Line Working Group established under the Energy Task Force (ETF). Although PWG is not an initiative of the ScC, the contributors listed in the ScC POW have been supporting the PWG's establishment as a forum providing further guidance when relevant new developments on reducing the impact of power lines on birds become available, contributing to the implementation of this relevant provision. Current activities: promote mainstreaming migratory species conservation into powerline industry decision-making through stakeholder mapping and engagement plan; monitor implementation and impediments through survey w. ETF and stakeholders; stimulate communication/ information exchange through technical platform; stimulate research through data sharing with the ETF network. ETF experts recommended for WG on Linear Infrastructure |
| SUPPORT TO THE ENERGY TASK FORCE | | | | | | | | | |
| <i>Dec.13.107 (a-e)</i> | <i>The Energy Task Force, with input from the Scientific Council as appropriate, is requested, subject to the availability of resources, to:</i> | ScC-SC to monitor relevant work of the Energy Task Force (ETF), and provide input as appropriate | Input provided | 2021-2023 | Rob Clay; Stephen Garnett | Avian ScC-SC WG; Energy Task Force | Medium | COP14 | On track through ETF process, supported by the listed contributors. Contract (PCA) signed with BirdLife Int. for ETF coordination; implementation plan covering |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|--|--|----------|-----------------|-----------|------|--|----------|-----------|--|
| | <p>a) investigate best practices to standardize methodologies in planning, managing and monitoring renewable energy infrastructure and its impact on biodiversity, effective evidence-based mitigation measures as well as methods for cumulative assessment;</p> <p>b) collate best practices and suggest means of integrating biodiversity into national policies for renewable energy mix and Nationally Determined Contributions (NDCs), as per Decision 13.108, below;</p> <p>c) produce guidance and review tools for assessing and mitigating for cumulative impacts of (renewable) energy and power line developments on migratory species, including those beyond national borders, across flyways and throughout species' ranges; this includes</p> <ul style="list-style-type: none"> i. standardized approaches for post-construction monitoring of renewable energy projects, and review of existing tools, such as GenEst, ii. the collation of species' mortality data in national and global mortality databases, iii. analysis of methods for establishing cumulative impacts under determined spatial scale and population-level effects, including such effects resulting from species displacement due to construction and operation of energy infrastructure, iv. strengthening national procedures to deliver licensing and permitting of energy infrastructure; | | | | | <p>Members Sec. FP: Iván Ramírez; Tilman Schneider; ETF Coordinator, BirdLife International</p> | | | <p>best practice development and sharing Priorities/needs identified by ETF6 meeting, incl. guidance on cumulative impacts, sensitivity mapping, post-construction monitoring, data sharing, relevant tools/databases, strategies for EIAs, guidance for regulation; Inputs provided for Good Practice for Post-construction Bird and Bat Fatality Monitoring Handbook under finalization (IFC, EBRD, KfW). New tools have been launched by ETF members such as BirdLife's AVISTEP. ETF membership covers all relevant sectors; and draft strategy for further expansion has been developed.</p> |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|------------------------|--|--|---|-----------|---------------------------|--|----------|-----------------|--|
| | <p>d) undertake these activities in collaboration with the specialized organizations referred to in Resolution 7.2 (Rev.COP12) Impact Assessment and Migratory Species, building on the principles expressed in that Resolution;</p> <p>e) report to the 14th meeting of the Conference of the Parties (COP14) on the above activities.</p> | | | | | | | | |
| FLYWAYS | | | | | | | | | |
| Res. 12.11 (Rev.COP13) | 26. Requests the Scientific Council to produce guidelines and/or case studies on mechanisms to enhance the conservation of migratory birds through site networks, including important oceanic ecosystems used by marine bird species; | Develop Terms of Reference for the implementation of the activity; identify potential partners and donors to implement the activity, sharing existing resources and information available from existing flyway networks. | Guidelines/ Case Studies produced | ScC-SC6 | Rob Clay; Stephen Garnett | Flyways WG Sec. FP: Iván Ramírez; Tilman Schneider; Taej Mundkur, Wetlands International | Medium | COP14 | With help from an intern a strategic review of Resolution 12.11 (Rev.COP13) <i>Flyways</i> , has been prepared in consultation with the COP-appointed Councillor for Birds, with focus on CMS instruments, WGs and task forces that implement activities compatible with a Flyway approach to conservation at global level. The output was presented to the Flyways WG in an online meeting in Feb 2023. The WG recommended that updates to the Flyways POW should focus on the next intersessional period and be closely aligned with the new CMS Strategic Plan for Migratory Species. |
| | 10. Further requests the continuation of the open-ended Flyways Working Group extending membership to incorporate expertise from geographical regions and relevant CMS bodies currently absent; | Review of Flyways WG membership; identification of gaps in expertise; identification of, and invitation to prospected new members to fill those gaps | WG is active; Membership of the WG extended | Ongoing | Rob Clay; Avian ScC-SC WG | Flyways Working Group; Sec. FP: Iván Ramírez; Tilman Schneider | High | ScC-SC6 - COP14 | Membership has been renewed through a call in early 2023. New Flyways WG Chair was confirmed in online meeting in Feb 2023. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|---|---|---|---|-----------|---|--|----------|-----------|--|
| ILLEGAL KILLING, TAKING AND TRADE OF MIGRATORY BIRDS IN THE MEDITERRANEAN (MIKT) | | | | | | | | | |
| Dec. 13.29 | <i>Funds permitting, in liaison with the CMS Secretariat, and in conjunction with i) the Aquatic Wild Meat Working Group in line with Decision 13.64 Aquatic Wild Meat; ii) the Terrestrial Working Group in line with Decision 13.109 Addressing Unsustainable Use of Terrestrial and Avian Wild Meat of Migratory Species of Wild Animals; undertake a scientific review on the scope and scale of illegal killing and taking of birds, as well as illegal trade of birds across Sub-Saharan Africa and Central Asia to enable Parties, policy instruments and NGOs to set appropriate priorities to address the issue.</i> | Develop ToR for the review; identify potential partners and donors to implement the activity | Scientific Review undertaken | ScC-SC6 | Rob Clay; Stephen Garnett; Avian ScC-SC WG; Nicola Crockford (BL Int.) | Aquatic Wild Meat Working Group; Terrestrial Working Group; Sec. FP: Iván Ramírez; Tilman Schneider | Medium | COP14 | In June 2023, the Secretariat has advertised a consultancy on the direct and indirect impacts of wild meat taking, trade and consumption of all bird species covered by CMS Appendices I and/or II in the range of the AEMLAP, with final report expected by February 2024. Regarding Central Asian Flyway, BirdLife Int. has undertaken an overall situation analysis, incl. considering illegal killing, taking and trade of migratory birds. |
| Dec. 13.30 (to the Sec. and the SC) | <i>In order to prevent illegal trapping of birds and with funds permitting, and working with the Secretariats of other relevant multilateral environmental agreements, contribute as appropriate to a global situation analysis on production, sale, use and regulation of use of mist nets, and other sorts of nets used for bird trapping, which may include: a) identifying where mist nets are produced and sold, including by building on information from existing ringing schemes such as EURING; b) producing an overview of national legislation regulating production, sale, possession and use of mist nets and other sorts of nets used for bird trapping;</i> | In consultation with the Secretariats of other relevant MEAs, develop ToRs for the global situation analysis; identify potential partners and donors to implement the activity; Overview of national legislation on mist nets and other traps; As per mandate | The analysis conducted comprises data on mist nets productions and trade; An assessment of impact on CMS listed species is supported by the analysis conducted | ScC-SC6 | Rob Clay; Stephen Garnett; Avian ScC-SC WG; Fernando Spina Nicola Crockford (BL Int.) | Sec. FP: Iván Ramírez; Tilman Schneider; Articular Migratory Bird Initiative (AMBI); EURING; Western Hemisphere Bird Banding Network (Red de Anillamiento de Aves del Hemisferio Occidental) | Medium | COP14 | No progress due to lack of resources. The decision is proposed to be renewed by COP14. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|---|---|--|---|-----------|-------------------------------------|---|----------|------------------|--|
| | <i>c) compiling data on the global scale of the use of nets for killing, taking and trade of birds to support an assessment of the illegal component and impact on CMS listed species.</i> | | | | | | | | |
| ILLEGAL HUNTING, TAKING AND TRADE OF MIGRATORY BIRDS IN THE EAST ASIAN-AUSTRALASIAN FLYWAY | | | | | | | | | |
| <i>Res. 11.16 (Rev.COP13), Annex 2</i> | <i>Terms of Reference of Illegal Hunting, Taking and Trade of Migratory Birds in the East Asian-Australasian Flyway (ITTEA)</i> | Active participation in the ITTEA (Task Force); contributing to the development of a prioritized work programme; support to establishment of ITTEA | Task Force Establishment and prioritized work programme supported | | Narelle Montgomery, Stephen Garnett | Secretariat: Iván Ramirez; Tilman Schneider; EAAFP partners | | COP14 | ITTEA and its Work Programme 2023-2027 were established at 1 st ITTEA meeting held at the East Asian-Australasian Flyway Partnership Meeting of Partners (EAAFP MOP11), Brisbane, Australia, March 2023. ITTEA is currently chaired by the Chair of the ScC-SC, and is promoted and supported by her in consultations with other countries and partners e.g. of EAAFP. ITTEA Coordinator has been hired. Implementation of several work plan activities incl. technical and capacity-building webinars under way. |
| CONSERVATION OF AFRICAN-EURASIAN VULTURES | | | | | | | | | |
| <i>Dec. 13.51</i> | <i>The Scientific Council is authorized to liaise with the Vulture Working Group and the IUCN Vulture Specialist Group, via the Coordinating Unit of the Raptors Memorandum of Understanding to address key gaps in knowledge as highlighted within the Vulture Multispecies Action Plan, subject to the availability of resources.</i> | As per mandate; activities of CITES Animals Committee; and NSAIDs Working Group | Vulture Multispecies Action Plan implemented | Ongoing | Rob Clay; Stephen Garnett; | Avian ScC-SC WG Raptors MoU Coordinating Unit | Medium | ScC SC6 -- COP14 | Ongoing |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|--|--|--|---|-----------|-------------------|---|----------|-----------|--|
| MEMORANDUM OF UNDERSTANDING ON THE CONSERVATION OF SOUTHERN SOUTH AMERICAN MIGRATORY GRASSLAND BIRDS AND THEIR HABITATS | | | | | | | | | |
| <i>Res.12.11 (Rev.COP13)/ Annex 1</i> | Programme of Work on Migratory Birds and Flyways | Support the implementation of the action plan of the MOU on the Conservation of Southern South American Migratory Grassland Birds and their Habitats especially regarding concerted actions within areas of special interest as renewable energy potential impact and illegal trade of species within the MoU, and to report to COP14 onward | Relevant action plan items implementation supported | Ongoing | Patricia Serafini | Rob Clay; Secretariat: Iván Ramirez; Tilman Schneider | Medium | ScC-SC6 | Ongoing. Synergies created through Brazil's activities in ETF. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|---|--|--|---|--|-------------------------------|---------------------------------------|--------------------------------|---|---|
| <i>Resolution / Decision number</i> | <i>Text of Resolution / Decision</i> (The Scientific Council shall/should) | <i>Further short description of activity (if necessary)</i> | <i>List of outputs</i> | <i>Timeframe (year and/or meeting) (as per Res / Dec, if provided)</i> | <i>Name of lead person(s)</i> | <i>Names of other people involved</i> | <i>Core, High, Medium, Low</i> | <i>ScC, StC, COP (including session number)</i> | <i>Status of the activity as of July 2023</i> |
| Cross-Cutting Conservation Issues | | | | | | | | | |
| IMPROVING WAYS OF ADDRESSING CONNECTIVITY IN THE CONSERVATION OF MIGRATORY SPECIES | | | | | | | | | |
| Dec. 13.114 | <i>The Scientific Council is requested, subject to the availability of resources, to undertake the following tasks for enhancing the scientific understanding of connectivity issues in relation to migratory species:</i> <i>a) review the scope for existing major databases to support relevant analyses and syntheses of information on connectivity, and identify options inter alia for ensuring sustainability and enhanced operability and coordination of such databases for this purpose;</i> | Develop ToR for the review; identify suitable partners and potential donors to undertake it; upon successful fundraising, oversee production of the review and draw conclusions/recommendations as appropriate | Review Undertaken | 2021-2023 | Fernando Spina | Sec FP: Laura Cerasi/Marco Barbieri | Medium | ScC-SC6 - COP14 | Preliminary list of relevant databases compiled (ScC-SC6/Doc.12.2.1.2/Annex 1). A survey for relevant institutions and Parties to establish what currently exists in order to review the potential role of relevant databases and options for enhancement is being organized. A proposed format for the survey has been reviewed by the WG and submitted to the ScC-SC6 for consideration (ScC-SC6/Doc.12.2.1.2/Annex 2). |
| Dec. 13.114 | <i>b) investigate options for creating relevant data and knowledge holding capabilities and for enhancing analysis capabilities under the auspices of the CMS, in collaboration with suitably qualified institutions and processes;</i> | As per mandate | Options to enhance analysis capabilities investigated | 2021-2023 | Fernando Spina | Sec FP: Laura Cerasi/Marco Barbieri | Medium | ScC-SC6 - COP14 | Linked to the previous activity. Following analysis of results of the survey proposed in connection with Decision 13.114 (a), as described above, recommendations should be developed for the specific types of data-holding, analysis and data set management that are most appropriate for the work undertaken under the auspices of CMS. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|-------------|---|---|---------------------------------|----------------|----------------|--------------------------------------|----------|-----------------|--|
| Dec. 13.114 | <i>c) investigate and report on the linkages between migratory species connectivity and ecosystem resilience;</i> | Develop ToR for study; identify suitable partners and potential donors to undertake it; upon successful fundraising, oversee production of the study and draw conclusions/recommendations as appropriate. | Analysis conducted | 2021-2023 | Fernando Spina | Sec FP: Laura Cerasi/ Marco Barbieri | Medium | ScC-SC6 - COP14 | An analysis of components of the linkages between migratory species connectivity and ecosystem resilience, including some initial specifics that address them in the particular context of climate change, has been developed, and reviewed by the WG. It is submitted to ScC-SC6 for consideration (ScC-SC6/Doc.12.2.1.2/Annex 3). Further coordination with the UK-led project on migratory species and climate change described in Annex 3 and further considerations on additional dimensions of the relationship between ecological connectivity and resilience is foreseen |
| Dec. 13.114 | <i>d) having regard in particular to the Strategic Plan for Migratory Species, assess the needs and develop focused objectives for new research on key connectivity issues, including but not limited to climate change, which affect the conservation status of each of the major taxonomic groups of migratory wild animals covered by CMS in each of the world's major land and oceanic regions, and produce a report on the findings of this assessment prior to the 14th meeting of the Conference of Parties;</i> | Develop ToR for an assessment; identify suitable partners and potential donors to undertake it; upon successful fundraising, oversee production of the review and draw conclusions/recommendations as appropriate | Assessment and report completed | Prior to COP14 | Fernando Spina | Sec FP: Laura Cerasi /Marco Barbieri | Medium | ScC-SC6 - COP14 | A preliminary list of key areas for research has been compiled from existing Resolutions and reviewed by the WG. It is submitted to ScC-SC6 for consideration (ScC-SC6/Doc.12.2.1.2/Annex 4). Results of the survey under Decision 13.114 (a) are expected to complement the list. The new Strategic Plan for Migratory Species (UNEP/CMS/COP14/Doc. 14.1) is expected to provide further context for the setting of priorities. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|---|--|--|-------------------------------|-----------|----------------|--|----------|-----------------|--|
| Dec. 13.114 | <i>e) consider the need for additional guidance within the framework of the CMS on assessing threats to migratory species connectivity in particular priority situations identified by the work described in subparagraph (d) above;</i> | Following Dec.13.114 d), consider additional guidance | Guidance provided | 2021-2023 | Fernando Spina | Sec FP: Laura Cerasi/ Marco Barbieri | Medium | ScC-SC6 - COP14 | Proposals on how to develop this work stream reviewed by the WG and submitted to and ScC-Sc6 (SC6/Doc.12.2.1.2). |
| Dec. 13.114 | <i>f) make recommendations as appropriate arising from the work described in this Decision;</i> | As per mandate | Recommendations | 2021-2023 | Fernando Spina | Sec FP: Laura Cerasi/ Marco Barbieri | Medium | ScC-SC6 - COP14 | To be developed on the basis of items a) – e) and submitted to the ScC WG on Connectivity for review |
| CONSERVATION STATUS OF MIGRATORY SPECIES | | | | | | | | | |
| Dec. 13.26 | <i>The Scientific Council is requested, subject to the availability of resources, to: a) provide support and guidance to the Secretariat in undertaking the activities foreseen in Decision 13.24 (a) – (c);</i> | ScC-SC5 to review and endorse proposals for a framework, structure and methods for a report on the conservation status of migratory species, including criteria and methodologies for individual components of the report; contribute to the review of progress of activities undertaken, and advise the Secretariat as appropriate. | Guidance and support provided | 2021-2023 | | ScC-SC members Sec FP: Marco Barbieri | High | COP14 | Framework, structure and methods for a report on the conservation status of migratory species finalized and adopted by ScC-SC5 Agreement to develop elements of the report signed with UNEP-WCMC with funding from Australia, UK and Switzerland. Interim assessments of the conservation status of App. I-listed species and of the impacts of direct use and trade on App. I-listed species produced and reviewed by ScC-SC, with feedback to the Secretariat. |
| Dec. 13.26 | <i>b) consider the reports submitted by the Secretariat pursuant to this Decision and formulate recommendations to the 14th meeting of the Conference of the Parties on conservation actions underpinned by the reports as appropriate</i> | ScC-SC6 to consider report prepared by Secretariat and formulate recommendations to COP14 as appropriate | Recommendation submitted | COP14 | | ScC-SC members (Sec FP: Marco Barbieri) | High | COP14 | Documents to be submitted to COP14 submitted to ScC-SC6 for review and advice. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|--|--|---------------------|---|------------------|--|--|----------|-----------|---|
| CONSERVATION IMPLICATIONS OF ANIMAL CULTURE AND SOCIAL COMPLEXITY | | | | | | | | | |
| Dec. 13.105 | <i>The Scientific Council should: a) invite newly appointed Councillors that have relevant expertise to engage in the Expert Working Group on Animal Culture and Social Complexity</i> | | Newly appointed Councilors with relevant expertise engage in the WG | Prior to ScC-SC5 | Philippa Brakes (Chair) (supports Giuseppe Notarbartolo di Sciara) | Culture Expert Group (Sec FP: Heidrun Frisch-Nwakanma) | High | ScC-SC5 | Ongoing; standing invitation to all Councillors. |
| Dec. 13.105 | <i>b) consider the outputs of the Expert Working Group on Animal Culture and Social Complexity and make recommendations to COP14, based on its findings</i> | | | ScC-SC6 | Philippa Brakes (Chair) (supports Giuseppe Notarbartolo di Sciara) | Culture Expert Group (Sec FP: Heidrun Frisch-Nwakanma) | High | ScC-SC6 | Completed, Recommendations contained in UNEP/CMS/COP14/Doc.30.5 |
| COMMUNITY PARTICIPATION AND LIVELIHOODS | | | | | | | | | |
| Dec.13.121 | <i>The Scientific Council is requested, subject to availability of resources, to review and provide recommendations on the compilation and the analysis referred to in Decision 13.119 paragraphs (a) and (b).</i> | As per COP mandate. | Recommendations provided | | | Sec FP: Clara Nobbe | Medium | COP14 | Case studies were compiled and analysis prepared, which is contained in Document UNEP/CMS/COP14/Doc.30.2.3. ScC-SC to provide comments and recommendations for COP. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|---|--|--|------------------|-----------|---------------|---------------------------------|----------|---------------|--|
| IMPACTS OF PLASTIC POLLUTION ON AQUATIC, TERRESTRIAL AND AVIAN SPECIES | | | | | | | | | |
| Dec. 13.123 | <i>The Scientific Council is requested, subject to the availability of resources, to:</i> a) <i>develop a concise report summarizing the status of knowledge on the impact of plastic pollution on CMS-listed species that inhabit in terrestrial and freshwater ecosystems, and submit the report to the Conference of the Parties at its 14th meeting, as well as a summary of existing guidance on measures to address such threats;</i> | Develop a report on the status of knowledge on the impact of plastic pollution on CMS listed species and their habitats and a summary of existing measures to address such threats | Report developed | 2020-2023 | | Sec FP: Clara Nobbe | Medium | ScC-SC6 COP14 | Further to the reports published (1) <i>Impacts of Plastic Pollution on Freshwater Aquatic, Terrestrial and Avian Migratory Species in the Asia and Pacific Region</i> ; and 2) <i>Risk Assessment of Plastic Pollution to Migratory Species in the Mekong and Ganga River Basins</i> . Two reports were drafted for the Mekong River Basin Range States, which are still undergoing approval by the Mekong River Commission: 1) <i>Regional Report on Plastic Waste and Monitoring Protocol for Fish</i>) the Secretariat submitted Document UNEP/CMS/COP14/Doc.30.4.5 with proposals for follow up. |
| Dec. 13.123 | <i>b) based on the report to be developed under paragraph 13.123 (a), recommend possible next steps for addressing this threat to CMS-listed species;</i> | | | | | Sec FP: Clara Nobbe | Medium | ScC-SC6 COP14 | ScC-SC to provide comments and recommendations for COP on the basis of above mentioned reports. |
| Dec. 13.123 | <i>c) collaborate with other scientific mechanisms such as those under the International Whaling Commission, the United Nations Environment Programme and other multilateral environmental agreements to exchange available scientific and other relevant data and information related to the prevention and reduction of the impact of plastics on migratory species, including the report developed under paragraphs (a) and (b).</i> | Cooperate with IWC, UNEP, and other MEAs to exchange data and information in order to prevent and reduce plastic pollution impacts on migratory species | Cooperation | 2020-2023 | Mark Simmonds | Sec FP: Heidrun Frisch-Nwakanma | Medium | ScC-SC6 COP14 | Ongoing |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|---|--|---|---|-----------|-----------------|--|----------|-----------|---|
| CLIMATE CHANGE AND MIGRATORY SPECIES | | | | | | | | | |
| Dec. 13.126 | <i>Parties and the Scientific Council are requested to report on progress in implementing the Programme of Work on Climate Change and Migratory Species, including monitoring and the efficacy of measures taken, to the 14th meeting of the Conference of the Parties, as part of the National Reporting process.</i> | Convene a meeting of the Climate Change Working Group to: <ul style="list-style-type: none"> - Assess implementation of PoW; - Consider options and make proposals as appropriate for a follow-up tool | Progress Report | ScC-SC6 | Colin Galbraith | WG on Climate Change and Migratory Species Sec FP: Marco Barbieri | High | COP14 | Climate Change Working Group met twice in the intersessional period and produced a .draft document for COP14 consideration, that ScC-SC6 is expected to review and finalize. At the time of writing, membership of the IWG is being updated and a meeting of the WG is being planned for October 2022. |
| Dec. 13.128 | <i>The Scientific Council is requested, subject to the availability of resources, to provide advice on how the interpretation in paragraph 9 of Resolution 12.21 Climate Change and Migratory Species could be turned into pragmatic good practice</i> | Consider the matter at ScC-SC5; Consider establishing a Working Group to further work on the issue and report to ScC-SC6; Consolidate guidance at ScC-SC6 for transmission to COP14 | Advice Provided | ScC-SC6 | Colin Galbraith | WG on Climate Change and Migratory Species; JNCC (UK) Sec FP: Marco Barbieri | High | COP14 | <u>Same as previous activity.</u> |
| INSECT DECLINE AND ITS THREAT TO MIGRATORY INSECTIVOROUS ANIMAL POPULATION | | | | | | | | | |
| Dec. 13.129 | <i>The Scientific Council is requested to consider, subject to the availability of resources, in the meetings of its Sessional Committee after the 13th meeting of the Conference of the Parties (COP13), the following topics: a) identifying and prioritizing the main factors causing the established loss of insect biomass</i> | Develop ToR for a review aimed at covering items a) and b) of Dec. 13.129. Identify potential partners and possible donors Upon successful fundraising and contracting of the review, oversee production of the review and assess it. | Review of causes of loss of insect biomass and its effects on migratory insectivorous species | 2021-2023 | | Sec FP: Marco Barbieri | High | ScC-SC6 | Pledges received from Australia and Germany allowed to contract the production of the review to Leibniz Institute. A draft of the review is submitted to ScC-SC6 for review and comments. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|---|--|--|--|-----------------------|------|------------------------|-----------------------|-----------------------|--|
| Dec. 13.129 | <i>b) collecting relevant information regarding the current insect decline, and assessing its cascading effects on migratory insectivorous animal species;</i> | See previous activity | See previous activity | See previous activity | | See previous activity | See previous activity | See previous activity | See previous activity |
| Dec. 13.129 | <i>c) developing guidelines for the most urgent or prioritized actions identified;</i> | Based on the results of the review foreseen above, assess the need for any guidelines. Develop ToR for the production of those guidelines. Identify potential partners and possible donors. Review and endorse any guidance thus produced and transmit it to COP for approval | Guidelines developed and approved | 2021-2023 | | Sec FP: Marco Barbieri | Medium | ScC-SC6 | Activity depended on the previous two. To be possibly renewed for the intersessional period between COP14 and COP15. |
| Dec. 13.129 | <i>d) publishing any such guidelines following circulation to all Parties for approval.</i> | See previous activity | See previous activity | See previous activity | | See previous activity | See previous activity | See previous activity | See previous activity |
| INFRASTRUCTURE DEVELOPMENT AND MIGRATORY SPECIES | | | | | | | | | |
| Dec. 13.131 | <i>The Scientific Council is requested to, subject to the availability of resources establish a multi-stakeholder Working Group on linear infrastructure composed of stakeholders with experience and knowledge on the impact of linear infrastructure development on migratory species and options for mitigation. The Working Group is asked to:</i> | Establish a WG; The WG Review available information on linear infrastructures developments and impacts on migratory species | Multi-Stakeholder WG on linear infrastructures is established and it reviews available information | | | Sec FP: Clara Nobbe | High | ScC-SC 5 - COP14 | The Report "Linear Infrastructure and Migratory Species: the role of impact assessment and landscape approaches" (UNEP/CMS/ScC-SC5/Inf.3) was prepared in response to Decision 13.131. Based on the findings of the report, the working group reviewed available information relevant to linear |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|-------------|--|--|---|-----------|------|--------------|----------|-----------|--|
| | <i>a) review available information relevant to linear infrastructure development and potential impacts on migratory species, the compilation of responses received under Decision 13.130 as compiled by the Secretariat in accordance with Decision 13.133 (a), and other relevant information;</i> | | | | | | | | infrastructure development and potential impacts on migratory species including: existing CMS guidance, guidelines and initiatives; information identified and reviewed in the Report; and available information from working group member's own institutions and beyond. |
| Dec. 13.131 | <i>b) identify areas where further assistance is needed to enhance the implementation of Resolution 7.2 (Rev.COP12) Impact Assessment and Migratory Species paragraph 2, which urges Parties to include in EIA and SEA, wherever relevant, as complete a consideration as possible of effects involving impediments to migration, in furtherance of Article III (4) (b) of the Convention, of transboundary effects on migratory species, and of impacts on migratory patterns or on migratory ranges;</i> | Provide further assistance to enhance the implementation of Res 7.2 (Rev.COP12) para 2 and Article III(4) of the Convention Text | Guidance provided; Resolution 7.2 (Rev.COP12) implemented | | | | High | | Based on the findings and recommendations of the Report "Linear Infrastructure and Migratory Species: the role of impact assessment and landscape approaches" (UNEP/CMS/ScC-SC5/Inf.3) the working group identified areas where further assistance is needed to enhance the implementation of Resolution 7.2 (Rev.COP12) Impact Assessment and Migratory Species paragraph 2 through structured discussions in plenary and in breakout groups on: Data and Species' Needs, Standards and Governance, and Central Asian Mammals Initiative. |
| Dec. 13.131 | <i>c) develop a workplan and identify priority tasks for the Working Group based on the existing information, such as standards, guidelines, best practices related to addressing the impact of linear infrastructure development as well as the review of the compilation under paragraph (a);</i> | Develop a Workplan for the Working Group | Workplan of the WG developed | | | | High | ScC-SC5 | Terms of Reference for the WG have been finalized and the Report "Linear Infrastructure and Migratory Species: the role of impact assessment and landscape approaches" (UNEP/CMS/ScC-SC5/Inf.3) proposed a workplan. Based on the above the WG developed a workplan and identified priority tasks. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|--|--|--|--|-----------|----------------|---------------------------|----------|-------------------------|--|
| Dec. 13.131 | <i>d) provide recommendations on the future direction of work under the Convention to support Parties in addressing the impact of linear infrastructure on migratory species</i> | Provide Recommendations to support Parties | Recommendations provided | 2020-2023 | | | High | COP14 | The WG drafted recommendations for review by ScC-SC6. |
| Dec. 13.132 | <i>The Scientific Council is further requested, subject to the availability of resources, to: a) identify the types of infrastructure that have not been addressed under CMS and are of particular relevance to the conservation of CMS-listed species, provide advice on possible actions that could be taken to address such infrastructure, and report the findings to the 14th meeting of the Conference of the Parties;</i> | | Advice and report activity provided | 2020-2023 | | | High | ScC SC 6 COP14 | ScC-SC to provide comments and recommendations for COP. |
| Dec. 13.132 | <i>b) consider the outputs of the Working Group on linear infrastructure and make recommendations to the 14th meeting of the Conference of the Parties.</i> | Provide Recommendations | Recommendations provided | | | | High | <u>ScC-SC6</u> COP14 | Based on the report and recommendations of the WG, ScC-SC to provide comments and recommendations for COP. |
| SUSTAINABLE TOURISM AND MIGRATORY SPECIES | | | | | | | | | |
| Dec. 13.136 | <i>Subject to the availability of resources, the Scientific Council shall conduct periodic appraisals of the latest scientific evidence on the impacts of ecotourism activities on migratory species and to recommend refined guidelines. Produce and submit a draft report at COP14</i> | Develop ToR for a review of literature on the impacts of ecotourism on migratory species and existing guidelines to minimize them. Consider relevant work already undertaken or ongoing in the framework of CMS, e.g. on sustainable boat-based marine wildlife watching to | Review of impacts and availability of guidelines. Report to COP14 | 2021-2023 | James Williams | Sec FP: Marco Barbieri | Medium | COP14 | A review addressing elements of Decision 13.136 Ecotourism and Migratory Species has been produced by JNCC and submitted to COIP14 for consideration by the UK. ScC-SC6 is expected to review and comment on the document. |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|--|--|--|--|-------------------------|---------------|------------------------|----------|-----------|---|
| | | <p>avoid duplication and unsure synergies.</p> <p>Identify potential partners and possible donors.</p> <p>Upon successful fundraising and contracting of the review, oversee production of the review and assess it.</p> | | | | | | | |
| LIGHT POLLUTION GUIDELINES FOR WILDLIFE | | | | | | | | | |
| Dec.13.139 | <i>The Scientific Council is requested, subject to the availability of resources, to consider these issues in its first meeting of the Sessional Committee after COP13, including suggestions regarding how World Migratory Bird Day might be used to highlight the issues associated with light pollution</i> | <p>In consultation with the Secretariat, develop ToR for report on the effects of light pollution on taxa of migratory species, and availability of guidelines to mitigate them'</p> <p>Oversee production of report and assess it;</p> <p>Advise the secretariat on the need for additional guidelines to mitigate impacts, notably for taxa not covered by the guidelines endorsed by COP13.</p> <p>Review any additional guidelines produced and make recommendations to COP14 on their approval;</p> <p>Consider how WMBD might be used to highlight the issues associated with light pollution.</p> | <p>Report on effects of light pollution on migratory species.</p> <p>Additional guidelines to mitigate impacts, concerning migratory birds (other than sea and shore birds); bats, generic advice on reduction of light pollution.</p> <p>Suggestions to the Secretariat on how WMBD might be used to highlight the issues associated with light pollution</p> | ScC-SC5 - ScC-SC6 | Mark Simmonds | Sec FP: Marco Barbieri | High | ScC-SC6 | <p>Review report prepared under consultancy thanks to funding from Germany and submitted to ScC-SC5.</p> <p>Based on the advice of ScC-SC5, draft additional guidelines concerning landbirds and bats have been produced under consultancy, also with funding from Germany, with a steering role being played by the COP-appointed Councillor for Marine Pollution, and with significant input from various members of the ScC-SC. Further elaboration of the guidelines and consolidation with the already adopted guidelines undertaken, with financial support from Australia. Consolidated guidelines submitted to COP14 for consideration, expected to be reviewed by ScC-SC6.</p> |

| | Mandate | Activity | Expected Output | Timeframe | Lead | Contributors | Priority | Report to | Status |
|---|---------|---|---|-----------|------|------------------------|----------|-----------|---|
| WILDLIFE DISEASE AND MIGRATORY SPECIES | | | | | | | | | |
| Res.12.6 | | <p>Reactivate the Working Group on migratory species as vectors of disease under a renewed mandate, by:</p> <ul style="list-style-type: none"> Establishing Terms of Reference for the group; Expanding its membership; <p>Developing a programme of work</p> | Working Group in place | 2021-2023 | | Sec FP: Marco Barbieri | High | ScC-SC6 | ToR and new name of the WG (Intersessional Working Group on Migratory Species and Health) agreed by ScC-SC5. |
| | | <p>Undertake a review of migration and wildlife disease dynamics and the health of migratory species within the context of One Health and ecosystem approaches to health.</p> | <p>Report covering</p> <p>a) context of the issue of wildlife health and conservation and the need for One Health and ecosystem approaches.</p> <p>b) Review of the key health issues affecting migratory species for terrestrial, aquatic and avian taxa.</p> <p>c) Review disease dynamics in relation to migration highlighting potential consequences of migration disruption for zoonotic risks.</p> | 2021-2022 | | Sec FP: Marco Barbieri | High | ScC-SC6 | <p>ToR for the WG drafted and agreed by ScC-SC5</p> <p>Review contracted to University of Edinburgh thanks to pledges from the governments of Germany and UK.</p> <p>Draft review submitted to ScC-SC6 for consideration.</p> |