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SUBSIDIARY BODY ON SCIENTIFIC, TECHNICAL AND TECHNOLOGICAL ADVICE Eighteenth meeting Montreal, 23 – 28 June 2014 Item 2 of the provisional agenda*

ORGANIZATION OF WORK

Annotations to the provisional agenda

INTRODUCTION

- 1. The eighteenth meeting of the Subsidiary Body on Scientific, Technical and Technological Advice (SBSTTA) established under Article 25 of the Convention will take place in Montreal, at the headquarters of the International Civil Aviation Organization (ICAO), from 23 to 28 June 2014. Registration of participants will commence at 10 a.m. on Sunday, 22 June 2014.
- 2. These annotations to the provisional agenda have been prepared and made available to facilitate preparations for the meeting by Parties and observers. The annotations will be updated as may be necessary.

ITEM 1. OPENING OF THE MEETING

3. The meeting will be opened at 10 a.m. on 23 June 2014.

ITEM 2. ORGANIZATIONAL MATTERS

Item 2.1 Election of officers

- 4. Pursuant to rule 26, paragraph 3, of its rules of procedure, the Conference of the Parties at its eleventh meeting, held in Hyderabad, India, in October 2012, elected Mr. Gemedo Dalle Tussie (Ethiopia) as the Chair of SBSTTA for a term of office extending until the twelfth meeting of the Conference of the Parties (UNEP/CBD/COP/11/35, paragraph 45).
- 5. Following the elections held at the sixteenth and seventeenth meetings of the Subsidiary Body, the Bureau of the eighteenth meeting of SBSTTA will comprise the following members, in addition to its Chair: Mr. Moustafa Fouda (Egypt), Mr. Alexander Shestakov (Russian Federation), Ms. Snezana Prokic (Serbia), Mr. Andrew Bignell (New Zealand), Mr. Jean-Patrick Le Duc (France), Ms. Brigitte Baptiste (Colombia), Ms. Lourdes Coya de la Fuente (Cuba), Mr. Youngbae Suh (Republic of Korea) and Mr. Yousef Al-Hafedh (Saudi Arabia).

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^{*} UNEP/CBD/SBSTTA/18/1.

6. In order to achieve staggered terms of office within the Bureau, the Subsidiary Body will elect five new members to serve on the Bureau for a term commencing at the end of the eighteenth meeting and ending at the end of the twentieth meeting of the Subsidiary Body, to replace the members from Colombia, Ethiopia, France, Russian Federation, and Saudi Arabia.

Item 2.2 Adoption of agenda and organization of work

- 7. The Executive Secretary, in consultation with the Bureau, prepared the draft provisional agenda for the eighteenth meeting of the Subsidiary Body.
- 8. A list of pre-session documents for the meeting is provided in annex II. As appropriate, the documents, including those that contain scientific assessments, will be peer reviewed. Documents will also contain draft conclusions and recommendations, as appropriate.
- 9. Regarding the organization of work, the Executive Secretary, in line with the programme of work and budget adopted by the Conference of the Parties and after consultation with the Bureau, proposes to consider all agenda items in plenary (see annex I). Selected agenda items will be introduced by a keynote presentation or a panel of experts in line with decisions of the Conference of the Parties and taking into account experience from the seventeenth meeting of the Subsidiary Body on Scientific, Technical and Technological Advice.
- 10. The Subsidiary Body will be invited to consider the provisional agenda for its eighteenth meeting (UNEP/CBD/SBSTTA/18/1) for adoption and to agree on the proposed organization of work (UNEP/CBD/SBSTTA/18/1/Add.1, annex I).

ITEM 3. GLOBAL BIODIVERSITY OUTLOOK: MID-TERM REVIEW OF PROGRESS TOWARDS THE AICHI BIODIVERSITY TARGETS

Item 3.1 Review of the draft of the fourth edition of the Global Biodiversity Outlook

Background:

11. The Conference of the Parties decided that the fourth edition of the Global Biodiversity Outlook (GBO-4) should be prepared to provide a mid-term review of progress towards the Aichi Biodiversity Targets, including an analysis of how the implementation of the Convention and the Strategic Plan for Biodiversity 2011-2020 has contributed to achieving the 2015 targets of the Millennium Development Goals (decision X/2, paragraph 13). In recommendation XVI/2, the Subsidiary Body provided guidance on the preparation of GBO-4 and requested the Executive Secretary to initiate preparation on the basis of the plan contained in document UNEP/CBD/SBSTTA/16/3. The Conference of the Parties requested the Executive Secretary to make a draft of GBO-4 available for review at a meeting of the Subsidiary Body prior to the twelfth meeting of the Conference of the Parties. (decision XI/3 C, paragraph 7(g)).

Documentation:

12. Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/2) containing the draft executive summary with the main messages of GBO-4. The Subsidiary Body will also have before it a draft of the complete report (UNEP/CBD/SBSTTA/18/INF/2).

13. Documents UNEP/CBD/SBSTTA/18/2 and UNEP/CBD/SBSTTA/18/INF/2 are being prepared under the guidance of the Advisory Group for the fourth edition of the Global Biodiversity Outlook and the oversight of the Bureau. They draw on a range of sources, including national reports, scientific literature and case studies. A large number of experts and partners are contributing to their preparation

 $[\]underline{1}$ The programme of work and budget adopted by the Conference of the Parties at its eleventh meeting (decision XI/31) provide for two meetings of SBSTTA, each conducted with plenary sessions.

² Detailed plans will be developed in consultation with the SBSTTA Bureau, taking into account the evaluation of the format of the seventeenth meeting of SBSTTA, and will be communicated to Parties well ahead of the meeting, together with the names of presenters and the scope of the presentations. A first evaluation is available in document UNEP/CBD/SBSTTA/18/INF/1.

and the elements of the documents will undergo technical reviews prior to being subjected to open peer-review.

Action:

- 14. The Subsidiary Body will be invited to review the draft of GBO-4 and provide guidance on its completion of the documents with a view to facilitating the official launch of GBO-4 on the opening day of the twelfth meeting of the Conference of the Parties.
- 15. The conclusions and recommendations of the Subsidiary Body on this item may also inform the consideration of the Conference of the Parties, at its twelfth meeting, on the steps to enhance the implementation of the Strategic Plan for Biodiversity 2011-2020 and the achievement of the Aichi Biodiversity Targets.

Item 3.2 Review of the implementation of the Global Strategy for Plant Conservation 2011-2020

Background:

16. The Conference of the Parties decided to undertake a mid-term review of the implementation of the Global Strategy for Plant Conservation 2011-2020, in tandem with the mid-term review of the Strategic Plan for Biodiversity 2011-2020 (decision X/17, paragraph 9). The Conference of the Parties agreed that monitoring the implementation of the Global Strategy for Plant Conservation, including the use of indicators, should be seen in the broader context of, and linked to, the monitoring, review and evaluation of the Strategic Plan for Biodiversity 2011-2020 (decision XI/26, paragraph 6) and requested the Executive Secretary, in collaboration with the Biodiversity Indicators Partnership and other relevant organizations, when preparing indicator-based information for GBO-4, to disaggregate information relevant to plant conservation, where possible (decision XI/26, paragraph 8).

Documentation:

17. Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/3) on progress in achieving the targets of the Global Strategy for Plant Conservation 2011-2020. Document UNEP/CBD/SBSTTA/18/3 will be prepared with the support of the members of the Global Partnership for Plant Conservation on the basis of range of sources, including national reports, scientific literature and case studies.

Action:

18. The Subsidiary Body will be invited to provide additional peer-review comments and guidance on the completion of this document including guidance on its relationship with the fourth edition of the Global Biodiversity Outlook.

ITEM 4. MARINE AND COASTAL BIODIVERSITY

Item 4.1 Ecologically or biologically significant marine areas

Background:

19. In paragraph 36 of decision X/29, the Conference of the Parties requested the Executive Secretary to organize a series of regional workshops to facilitate the description of ecologically or biologically significant marine areas (EBSAs) through application of scientific criteria in annex I of decision IX/20 and, in paragraph 42 of the same decision, requested the Subsidiary Body to prepare reports based on scientific and technical evaluation of information from the workshops, setting out details of areas that meet the criteria in annex I to decision IX/20 for consideration by the Conference of the Parties, with a view to including the reports in the repository referred to in paragraph 39 of the same decision and to submit them to the United Nations General Assembly and particularly its Ad Hoc Open-ended Informal Working Group to Study Issues Relating to the Conservation and Sustainable Use of Marine Biological Diversity Beyond Areas of National Jurisdiction, as well as Parties, other Governments and relevant international organizations,.

- 20. The results of the first three workshops, held in the Western South Pacific, the Wider Caribbean and Western Mid-Atlantic and Mediterranean regions, were considered by the Conference of the Parties at its eleventh meeting and, pursuant to its request in decision XI/17, the summary reports on the description of areas that meet the criteria for EBSAs, in the Wider Caribbean and Western Mid-Atlantic regions, prepared by the Subsidiary Body at its sixteenth meeting, were submitted to the United Nations General Assembly as well as its relevant working groups, by means of a letter from the Executive Secretary of the Convention on Biological Diversity addressed to the Secretary-General. This document is now available as document A/67/838 on the Official Document System of the United Nations (ODS), in all six official languages of the United Nations.³
- 21. In paragraph 12 of decision XI/17, the Conference of the Parties requested the Executive Secretary to further collaborate with Parties, other Governments, competent organizations, and global and regional initiatives, and also including the participation of indigenous and local communities, to facilitate the description of areas that meet the criteria for EBSAs through the organization of additional regional or subregional workshops for the remaining regions or subregions where Parties wish workshops to be held, and for the further description of the areas already described where new information becomes available, as appropriate, and make the reports available for consideration by future meetings of the Subsidiary Body, stating that the summary reports from the Subsidiary Body would be made available to future meetings of the Conference of the Parties for consideration with a view to including the reports in the repository in line with the purpose and procedures set out in decisions X/29 and XI/17.
- 22. Pursuant to this request, workshops to facilitate the description of ecologically or biologically significant marine areas have been held for the following regions: Southern Indian Ocean (Flic en Flac, Mauritius, 31 July-3 August 2012); Eastern Tropical and Temperate Pacific (Galapagos, Ecuador, 28-31 August 2012); North Pacific (Moscow, Russian Federation, 25 February-1 March 2013); and South-Eastern Atlantic (Swakopmund, Namibia, 8-12 April 2013). Workshops are also planned for the Arctic, North-West Atlantic and Mediterranean regions. It is also envisaged that work on the North-East Atlantic will be completed.
- 23. Additional workshops are being planned for the period leading up to the twelfth meeting of the Conference of the Parties.

Documentation:

24. Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/4) containing a progress report on the process for describing areas that meet the EBSA criteria with an addendum (UNEP/CBD/SBSTTA/18/4/Add.1) containing draft summary reports on the areas meeting the criteria. The full reports of the workshops will be provided as information documents.

Action:

25. The Subsidiary Body will be invited to prepare its report on the description of ecologically or biologically significant marine areas on the basis of documents UNEP/CBD/SBSTTA/18/4 and UNEP/CBD/SBSTTA/18/4/Add.1for subsequent consideration by the Conference of the Parties at its twelfth meeting with a view to including the reports in the repository and to submit the reports to the United Nations General Assembly and particularly its Ad Hoc Open ended Informal Working Group, as well as relevant international organizations, Parties and other Governments in line with decisions XI/17, paragraph 6.

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³ http://www.un.org/ga/search/view_doc.asp?symbol=A/67/838.

Item 4.2 Addressing impacts of underwater noise on marine and coastal biodiversity

Background:

26. At its eleventh meeting, the Conference of the Parties requested the Executive Secretary to collaborate with Parties, other Governments and relevant organizations to prepare a draft set of consistent terminology to describe underwater noise (decision XI/18 A, paragraph 19). Further, the Conference of the Parties requested the Executive Secretary to collaborate with Parties, other Governments, and competent organizations, indigenous and local communities and other relevant stakeholders to organize an expert workshop with a view to improving and sharing knowledge on underwater noise and its impacts on marine and coastal biodiversity, and to develop practical guidance and toolkits to minimize and mitigate the significant adverse impacts of anthropogenic underwater noise on marine and coastal biodiversity (decision XI/18 A, paragraph 20).

Documentation:

27. Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/5) containing (i) a draft set of consistent terminology to describe underwater noise; and (ii) practical guidance and toolkits to minimize and mitigate the significant adverse impacts of anthropogenic underwater noise on marine and coastal biodiversity. The full report of the expert workshops will be provided as an information document.

Action:

- 28. The Subsidiary Body will be invited to consider the information contained in the document UNEP/CBD/SBSTTA/18/5 and to determine any further action. This may include preparing a recommendation to the Conference of the Parties on practical guidance and toolkits to minimize and mitigate the significant adverse impacts of anthropogenic underwater noise on marine and coastal biodiversity.
- 29. The conclusions and recommendations of the Subsidiary Body on this item may also inform the consideration of the Conference of the Parties, at its twelfth meeting, on the steps to enhance the implementation of the Strategic Plan for Biodiversity 2011-2020 and achievement of the Aichi Biodiversity Targets, in particular Targets 11 and 12.

Item 4.3 Addressing impacts of marine debris on marine and coastal biodiversity

Background:

30. The Conference of the Parties requested the Executive Secretary to invite submissions on the impacts of marine debris on marine and coastal biodiversity and habitats, to compile and synthesize submissions, and to organize an expert workshop to prepare practical guidance on preventing and mitigating the significant adverse impacts of marine debris on marine and coastal biodiversity and habitats (decision XI/18 A, paragraph 26).

Documentation:

31. Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/5) containing a progress report on the work related to the impacts of marine debris on marine and coastal biodiversity and habitats.

- 32. The Subsidiary Body will be invited to consider the information contained in the document UNEP/CBD/SBSTTA/18/5 and to determine any further action.
- 33. The conclusions and recommendations of SBSTTA on this item may also inform the consideration of the Conference of the Parties, at its twelfth meeting, on the steps to enhance the implementation of the Strategic Plan for Biodiversity 2011-2020 and achievement of the Aichi Biodiversity Targets, in particular Targets 5, 6, 8, 9, 10 and 11.

Item 4.4 Systematic review on the impacts of ocean acidification and proposal to update the specific work plan on coral bleaching

Background:

- 34. In paragraph 23 of decision XI/18 A, the Conference of the Parties requested the Executive Secretary to collaborate with relevant scientific groups, organizations, and indigenous and local communities on the preparation of a systematic review document on the impacts of ocean acidification on biodiversity and ecosystem functions.
- 35. Further, the Conference of the Parties requested the Executive Secretary to collaborate with Parties, other Governments and relevant organizations, and with indigenous and local communities, to develop proposals to update the specific work plan on coral bleaching through an addendum to the work plan addressing a list of needs (decision XI/18 A, paragraph 13). Pursuant to this request, the Executive Secretary invited Parties, other Governments, relevant organizations, and indigenous and local communities to submit information that may contribute to the development of proposals to update the specific work plan on coral bleaching (notification 2013-108 (ref. No. SCBD/SAM/DC/JL/JG/82124) of 26 November 2013).
- 36. The Conference of the Parties also requested the Executive Secretary, in collaboration with Parties, other Governments and relevant organizations, to continue implementing the specific work plan on coral bleaching, including necessary capacity-building, in order to respond to the increasing severity and frequency of coral bleaching and ocean acidification (decision XI/18 A, paragraph 14).

Documentation:

37. Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/6) containing: (i) draft key messages of the systematic review on the impacts of ocean acidification on biodiversity and ecosystem functions; and (ii) proposals to update the specific work plan on coral bleaching and a progress report on related capacity-building activities. The full systematic review on the impacts of ocean acidification on biodiversity and ecosystem functions will be provided in an information document. Another information document will contain the compilation of submissions on proposals to update the specific work plan on coral bleaching.

Action:

- 38. The Subsidiary Body will be invited to consider the information contained in document UNEP/CBD/SBSTTA/18/6 and determine any further action. The Subsidiary Body may wish to forward a draft addendum to the work plan on coral bleaching to the Conference of the Parties for adoption at its twelfth meeting.
- 39. The conclusions and recommendations of SBSTTA on this item may also inform the consideration of the Conference of the Parties, at its twelfth meeting, on the steps to enhance the implementation of the Strategic Plan for Biodiversity 2011-2020 and achievement of the Aichi Biodiversity Targets, in particular Target 10.

Item 4.5 Tools and capacity development, including marine spatial planning and training initiatives

Background:

40. At its eleventh meeting, the Conference of the Parties requested the Executive Secretary to make the voluntary guidelines for the consideration of biodiversity in environmental impact assessments and strategic environmental assessments annotated specifically for biodiversity in marine and coastal areas available as a reference for Parties and specific partners and organizations (decision XI/18 B, paragraph 2). In addition, the Executive Secretary was requested to provide further assistance to promote capacity-building on the application of the voluntary guidelines and to compile information on experience in applying the voluntary guidelines (decision XI/18 B, paragraph 6).

41. Specifically, in paragraph 2 of decision XI/18 C, the Conference of the Parties requested the Executive Secretary to (i) develop a web-based information-sharing system on marine spatial planning; (ii) compile and disseminate information on experience and use of marine spatial planning practices to evaluate its usefulness and implications; (iii) convene an expert workshop to provide consolidated practical guidance and a toolkit for marine spatial planning; (iv) disseminate awareness-raising materials marine spatial planning to decision-makers, based the synthesis document on (UNEP/CBD/SBSTTA/16/INF/18) and its key messages, as contained document (UNEP/CBD/SBSTTA/16/7), and (v) organize training workshops in order to increase the capacity of Parties to use marine spatial planning as a tool to enhance existing efforts in integrated marine and coastal area management, identification of ecologically or biologically significant marine areas, design and establishment of conservation and management measures and other marine biodiversity conservation and sustainable-use practices.

Documentation:

42. Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/7) containing a progress report on the implementation of the aforementioned requests.

Action:

- 43. The Subsidiary Body will be invited to consider the information contained in document UNEP/CBD/SBSTTA/18/7 and to determine any further action.
- 44. The conclusions and recommendations of SBSTTA on this item may also inform the consideration of the Conference of the Parties, at its twelfth meeting, on the steps to enhance the implementation of the Strategic Plan for Biodiversity 2011-2020 and achievement of the Aichi Biodiversity Targets, in particular Aichi Biodiversity Targets 5, 6, 7, 8, 10 and 11.

ITEM 5. INVASIVE ALIEN SPECIES

Item 5.1 Management of risks associated with introduction of alien species introduced as pets, aquarium and terrarium species, and as live bait and live food

Background:

45. The Conference of the Parties requested the Executive Secretary to prepare proposals for more detailed guidance for Parties on devising and implementing national measures on the introduction of alien species as pets, aquarium and terrarium species, and as live bait and live food(decision XI/28, paragraph 5). The Conference of the Parties also requested the Executive Secretary to compile and disseminate methodologies and instruments in use by law-enforcement, customs and inspection agencies to monitor and control related trade and cross-border movements of alien species introduced as pets, aquarium and terrarium species, and as live bait and live food; and to collect information on best practices in order to raise public awareness and disseminate guidance to web-based traders (decision XI/28, paragraph 6). The Executive Secretary was also requested to compile information to avoid and/or minimize the risks of the introduction and spread of invasive alien animal species from commercial zoos and safari parks, and breeding and trade centres, resulting from escapes of the animals or the release or escape of animals used as live food (decision XI/28, paragraph 7). The Conference of the Parties requested the Executive Secretary to collect case studies and to explore measures on how to deal with the potential risks associated with the intentional and unintentional release or escape of individuals of captive-bred alien populations and genotypes of pets, aquarium and terrarium species, or species used as live bait and live food (decision XI/28, paragraph 8).

Documentation:

46. The Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/8) containing (i) guidance for Parties on devising and implementing national

measures on the introduction of alien species as pets, aquarium and terrarium species, and as live bait and live food; and (ii) other requested information referred to in the paragraph above, where available.

Action:

47. The Subsidiary Body will be invited to consider the information contained in the document UNEP/CBD/SBSTTA/18/8 and to determine any further action. This may include the preparation of a recommendation for the consideration of the Conference of the Parties regarding guidance for Parties on devising and implementing national measures on the introduction of alien species as pets, aquarium and terrarium species, and as live bait and live food.

Item 5.2 Review of work on invasive alien species and considerations for future work

Background:

- 48. In paragraph 13 of decision XI/28, the Conference of the Parties requested the Executive Secretary to continue to pursue the tasks set out in paragraphs 11, 12 and 13 of decision IX/4 A. In these paragraphs, the Conference of the Parties had requested the Executive Secretary to continue to collaborate with a number of treaty secretariats and international organizations, with a view to filling gaps and promoting coherence in the regulatory framework, reducing duplication, promoting other actions to address invasive alien species at the national level and facilitating support to Parties including through capacity-building, and to explore the extent to which existing international instruments recognize and address threats from invasive alien genotypes. In paragraph 26 (a) of the same decision, the Conference of the Parties further requested the Executive Secretary to assess progress in implementing decisions of the Conference of the Parties on invasive alien species, including decisions that address gaps and inconsistencies in the international regulatory framework as identified in decision VIII/27.
- 49. Further, the Conference of the Parties requested the Executive Secretary to prepare a preliminary list of the most common pathways for the introduction of invasive alien species, propose criteria for use at regional and subregional levels or other ways by which they may be prioritized, and identify a range of tools that may be used to manage or minimize the risks associated with these pathways (decision XI/28, paragraph 26 (b)).
- 50. The Conference of the Parties requested the Executive Secretary to facilitate the implementation of the plan of work of the Global Invasive Alien Species Information Partnership (decision XI/28, paragraph 22).

Documentation:

- 51. Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/9) containing: (i) an assessment of progress in implementing decisions of the Conference of the Parties on invasive alien species, including on efforts to promote coherence in the regulatory framework; and (ii) a preliminary list of the most common pathways for the introduction of invasive alien species, proposed criteria and a range of tools that may be used to manage or minimize the risks associated with these pathways.
- 52. The draft of the fourth edition of the Global Biodiversity Outlook will also contain information relevant to this agenda item.

- 53. The Subsidiary Body will be invited to consider the information contained in the documents prepared for the meeting and to determine any further action. This may include the preparation of a recommendation for the consideration of the Conference of the Parties.
- 54. The conclusions and recommendations of SBSTTA on this item may also inform the consideration of the Conference of the Parties, at its twelfth meeting, on the steps to enhance the implementation of the Strategic Plan for Biodiversity 2011-2020 and achievement of the Aichi Biodiversity Targets, in particular Target 9.

ITEM 6. NEW AND EMERGING ISSUES: SYNTHETIC BIOLOGY

Background:

55. In paragraph 3 of decision XI/11, the Conference of the Parties noted, based on the precautionary approach, the need to consider the potential positive and negative impacts of components, organisms and products resulting from synthetic biology techniques on the conservation and sustainable use of biodiversity, and requested the Executive Secretary, *inter alia*, to (i) invite additional relevant information on components, organisms and products resulting from synthetic biology techniques that may have impacts on the conservation and sustainable use of biological diversity and associated social, economic and cultural considerations, (ii) compile and synthesize relevant available information, (iii) consider possible gaps and overlaps with the applicable provisions of the Convention, its Protocols and other relevant agreements related to components, organisms and products resulting from synthetic biology techniques, and (iv) make a synthesis of the above information, including an analysis of how the criteria set out in paragraph 12 of decision IX/29 apply to this issue, available for peer-review and subsequent consideration by a meeting of the Subsidiary Body on Scientific, Technical and Technological Advice prior to the twelfth meeting of the Conference of the Parties, in accordance with paragraph 13 of decision IX/29.

Documentation:

Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/10) containing: (i) a summary analysis of the potential positive and negative impacts of components, organisms and products resulting from synthetic biology techniques on the conservation and sustainable use of biodiversity (ii) a summary review of the possible gaps and overlaps of provisions of the Convention, its Protocols and other relevant agreements applicable to components, organisms and products resulting from synthetic biology techniques; and (iii) information applying the criteria contained in paragraph 12 of decision IX/29. The Subsidiary Body will also have before it an information note containing the full analysis of potential positive and negative impacts of components, organisms and products resulting from synthetic biology techniques on the conservation and sustainable use of biodiversity and another information note on the possible gaps and overlaps with the applicable provisions of the Convention and its Protocols. The information notes will include information on the peer-review comments received on earlier drafts of these two documents and how they have been reflected in the final versions.

Action:

57. The Subsidiary Body will be invited to consider the information contained in the documents prepared for the meeting and to determine any further action.

ITEM 7. INCENTIVE MEASURES: OBSTACLES ENCOUNTERED IN IMPLEMENTING OPTIONS IDENTIFIED FOR ELIMINATING, PHASING OUT OR REFORMING INCENTIVES THAT ARE HARMFUL FOR BIODIVERSITY

Background:

58. In paragraph 4 (d) of decision XI/30, on incentive measures, the Conference of the Parties invited Parties, other Governments and relevant international organizations to submit to the Executive Secretary information on obstacles encountered in implementing options identified for eliminating, phasing out or reforming incentives that are harmful for biodiversity. In paragraph 12 (a) of the same decision, the Conference of the Parties requested the Executive Secretary, with a view to supporting progress towards the achievement of the Aichi Biodiversity Targets, in particular Targets 2, 3 and 4, and to mobilizing resources for biodiversity, to compile the submissions received pursuant to paragraph 4 (d), make them available through the clearing-house mechanism of the Convention, and prepare a synthesis report on obstacles encountered in implementing options identified for eliminating, phasing out or reforming incentives that are harmful for biodiversity for consideration by the Subsidiary Body.

Documentation:

- 59. Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/11) containing a synthesis report on obstacles encountered in implementing options identified for eliminating, phasing out or reforming incentives that are harmful for biodiversity.
- 60. The draft of the fourth edition of the Global Biodiversity Outlook will also contain information relevant to this agenda item.

Action:

- 61. The Subsidiary Body may wish to consider the information contained in the documents prepared for the meeting and to determine any further action. In doing so, the Subsidiary Body may also wish to be informed of the outcome of the discussions at the fifth meeting of the Working Group on Review of Implementation of the Convention pursuant to decision XI/4, paragraph 8, regarding modalities and milestones for the full operationalization of Aichi Biodiversity Target 3.
- 62. The conclusions and recommendations of SBSTTA on this item may also inform the consideration of the Conference of the Parties, at its twelfth meeting, on the steps to enhance the implementation of the Strategic Plan for Biodiversity 2011-2020 and achievement of the Aichi Biodiversity Targets, in particular Target 3.

ITEM 8. INTERGOVERNMENTAL SCIENCE-POLICY PLATFORM FOR BIODIVERSITY AND ECOSYSTEM SERVICES

Background:

63. The Conference of the Parties decided that the Subsidiary Body, at its eighteenth meeting, taking into account the further development of the procedures and work programme of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, should develop recommendations for consideration by the Conference of the Parties at its twelfth meeting, as to how the Convention, and in particular the Subsidiary Body, should collaborate with the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (decision XI/13 C, paragraph 6).

Documentation:

64. Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/12) containing (i) an overview of the relevant processes and work programme of the Platform; (ii) options as to how the Convention, and in particular the Subsidiary Body, should collaborate with the Platform with respect to identifying scientific and technical needs related to the implementation of the Strategic Plan for Biodiversity 2011-2020 that could be considered by the Platform; and (iii) options as to how relevant outputs from the Platform could be considered by the Subsidiary Body and the Conference of the Parties, taken into account in their work and complemented with further work as needed.

- 65. The Subsidiary Body is invited to review and discuss the options contained in document UNEP/CBD/SBSTTA/18/12 and prepare a recommendation for consideration by the Conference of the Parties.
- 66. The conclusions and recommendations of SBSTTA on this item may also inform the consideration of the Conference of the Parties, at its twelfth meeting, on the steps to enhance the implementation of the Strategic Plan for Biodiversity 2011-2020 and achievement of the Aichi Biodiversity Targets, in particular Target 19.

ITEM 9. CONSIDERATION OF ISSUES IN PROGRESS

Item 9.1 Integration of the conservation and sustainable use of biodiversity into climate-change mitigation and adaptation activities

Background:

67. In paragraph 7 (b) of decision XI/21, the Conference of the Parties requested the Executive Secretary, including through the Joint Liaison Group of the three Rio conventions and in line with decision X/33, to continue discussions on the relevant activities presented in document UNEP/CBD/SBSTTA/16/9 which considers obstacles with regards to the integration of biodiversity into relevant climate-related activities, including with regard to international processes. In paragraph 9 (e) of decision X/33, the Conference of the Parties had also requested the Executive Secretary to support, as appropriate, Parties and relevant organizations and processes to design and implement ecosystem-based approaches for mitigation and adaptation as they relate to biodiversity.

Documentation:

- 68. Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/13) containing a progress report on the design and implementation of ecosystem-based approaches for mitigation and adaptation as they relate to biodiversity.
- 69. The draft of the fourth edition of the Global Biodiversity Outlook will also contain information relevant to this agenda item.

Action:

- 70. The Subsidiary Body will be invited to consider the information contained in document UNEP/CBD/SBSTTA/18/13 and to determine any further action, as may be needed.
- 71. The conclusions and recommendations of SBSTTA on this item may also inform the consideration of the Conference of the Parties, at its twelfth meeting, on the steps to enhance the implementation of the Strategic Plan for Biodiversity 2011-2020 and achievement of the Aichi Biodiversity Targets, in particular Aichi Biodiversity Targets 10 and 15.
 - Item 9.2 Application of relevant safeguards for biodiversity with regard to policy approaches and positive incentives on issues relating to reducing emissions from deforestation and forest degradation and the role of conservation, sustainable management of forests and enhancement of forest carbon stocks in developing countries

Background:

- 72. In paragraph 16 (a) of decision XI/19, the Conference of the Parties requested the Executive Secretary to enhance collaboration with the Secretariat of the United Nations Framework Convention on Climate Change (UNFCCC) and other members of the Collaborative Partnership on Forests (including its Global Forest Expert Panel on Biodiversity, Forest Management and REDD+), as well as with other relevant organizations and initiatives, to further support the efforts of Parties to promoting the contribution of REDD+ activities towards achieving the objectives of the Convention, including by offering further capacity-building activities.
- 73. The Conference of the Parties requested the Executive Secretary to compile information relevant to the application of safeguards for biodiversity, and make the compilation widely available, including through the clearing-house mechanism (decision XI/19, paragraph 16 (b)).
- 74. The Conference of the Parties requested the Executive Secretary to compile information from Parties on initiatives and experiences regarding paragraph 67 of UNFCCC decision 2/CP.17 (on non-market-based approaches, such as joint mitigation and adaptation approaches for the integral and sustainable management of forests) with regard to its possible contribution to the objectives of the Convention on Biological Diversity (decision XI/19, paragraph 17).

Documentation:

75. Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/13) containing a progress report on capacity-building activities undertaken by the Executive Secretary in response to decision XI/19, as well as a summary compilation of information relevant to the application of safeguards for biodiversity contained in the submissions by Parties and observer organizations. Further, the note will contain a summary compilation of information received from Parties on initiatives and experiences regarding non marked-based approaches such as joint mitigation and adaptation approaches for the integral and sustainable management of forests as a non-market alternative that supports and strengthens governance, the application of safeguards as referred to in decision 1/CP.16, appendix I, paragraph 2(c–e) of the Conference of the Parties to UNFCCC and the multiple functions of forests, with regard to its possible contribution to the objectives of the Convention on Biological Diversity. These notes may be supplemented by information notes, as needed.

Action:

- 76. The Subsidiary Body will be invited to consider the information contained in document UNEP/CBD/SBSTTA/18/13 and to determine any further action, as may be needed.
- 77. The conclusions and recommendations of SBSTTA on this item may inform the consideration of the Conference of the Parties, at its twelfth meeting, on the steps to enhance the implementation of the Strategic Plan for Biodiversity 2011-2020 and achievement of the Aichi Biodiversity Targets, in particular Aichi Biodiversity Target 5.

Item 9.3 Climate-related geoengineering

Background:

78. In paragraph 9 of decision XI/20, the Conference of the Parties, , invited Parties to report on measures undertaken in accordance with the guidance on climate-related geoengineering contained in decision X/33 subparagraph 8(w). In addition, the Conference of the Parties requested the Executive Secretary to prepare an update on the potential impacts of geoengineering techniques on biodiversity, and on the regulatory framework of climate-related geoengineering relevant to the Convention on Biological Diversity, drawing upon all relevant scientific reports such as the Fifth Assessment Report of the Intergovernmental Panel on Climate Change and discussions under the Environment Management Group as well as an overview of the further views of Parties, other Governments, indigenous and local communities and other stakeholders on the potential impacts of geoengineering on biodiversity, and associated social, economic and cultural impacts, taking into account gender considerations, and building on the overview of the views and experiences of indigenous and local communities contained in document UNEP/CBD/SBSTTA/16/INF/30 (decision XI/20, paragraphs 16 (a) and (b)).

Documentation:

79. Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/13) containing (i) a synthesis of the information provided by Parties in response to notification 2013-102 (ref. No. SCBD/SAM/SS/ac/82893) of 12 November 2013, as well as (ii) an update on the potential impacts of geoengineering techniques on biodiversity, and on the regulatory framework of climate-related geoengineering relevant to the Convention on Biological Diversity and an overview of the further views on the potential impacts of geoengineering on biodiversity, drawing upon the contributions of Working Groups I, II and III of the Intergovernmental Panel on Climate Change to its fifth Assessment Report. These notes may be supplemented by information notes, as needed.

Action:

80. The Subsidiary Body will be invited to consider the information contained in document UNEP/CBD/SBSTTA/18/13 and to determine any further action, as may be needed.

Item 9.4 Ecosystem conservation and restoration

Background:

- 81. The Strategic Plan for Biodiversity 2011-2020 adopted by the Conference of the Parties to the Convention on Biological Diversity in decision X/2, includes Aichi Biodiversity Targets that envisage, by 2020, the significant reduction of the degradation and fragmentation of all natural habitats (Aichi Biodiversity Target 5), the conservation of at least 17 per cent of terrestrial and inland water, and 10 per cent of coastal and marine areas, through effectively and equitably managed, ecologically representative and well-connected systems of protected areas and other effective area-based conservation measures (Aichi Biodiversity Target 11), the restoration and safeguarding of ecosystems that provide essential services (Aichi Biodiversity Target 14) and, for enhancing ecosystem resilience, the restoration of at least 15 per cent of degraded ecosystems, thereby contributing to climate-change mitigation and adaptation and to combating desertification (Aichi Biodiversity Target 15).
- 82. In decision XI/16, the Conference of the Parties invited Parties, other Governments and relevant organizations, and requested the Executive Secretary to undertake certain activities to support countries in implementing ecosystem restoration (paragraphs 2 and 5), and to report to a meeting of the Subsidiary Body prior to the twelfth meeting of the Conference of the Parties on progress in these matters. The activities include providing capacity-building in the form of workshops; compilation of information, including through a website; further development, as necessary, of tools and guidance; clarification of terms and definitions; and pursuing opportunities for collaboration. In the same decision, the Conference of the Parties also recognized the need for funding for these activities and called upon donors and others accordingly (paragraphs 3 and 4).
- 83. In decision XI/24, the Conference of the Parties requested the Executive Secretary, in partnership with relevant organizations, to continue supporting implementation of national action plans for the programme of work on protected areas and progress towards achieving Aichi Biodiversity Target 11 and other related targets at the national, subregional and regional levels. These activities include the organization of subregional and regional workshops on common priority actions identified in national action plans for the programme of work; e-learning; workshops for the training of trainers; organization of online courses in different languages and on different themes, using trainers as mentors; making available tools and technical guidance on those areas where progress is lacking, such as mainstreaming protected areas and defining area-based conservation measures; fostering relevant capacity-building for indigenous and local communities; and supporting the further development of local registries of indigenous and community conserved areas and the Indigenous and Community Conserved Areas Registry maintained by the World Conservation Monitoring Centre.

Documentation:

- 84. Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/14) containing a progress report on activities undertaken by Parties, other Governments, relevant organizations and initiatives, and the Executive Secretary in response to these decisions.
- 85. The draft of the fourth edition of the Global Biodiversity Outlook will also contain information relevant to this agenda item.

- 86. The Subsidiary Body will be invited to consider the information contained in document UNEP/CBD/SBSTTA/18/14 and to determine any further action, as may be needed.
- 87. The conclusions and recommendations of SBSTTA on this item may, *inter alia*, inform the consideration of the Conference of the Parties, at its twelfth meeting, on the steps to enhance the implementation of the Strategic Plan for Biodiversity 2011-2020 and achievement of the Aichi Biodiversity Targets, in particular Targets 5, 11, 14 and 15.

Item 9.5 Definitions of key terms related to biofuels and biodiversity

Background:

88. In paragraph 10 of decision XI/27, the Conference of the Parties requested the Executive Secretary, as part of his ongoing work with regard to decision X/37, in collaboration with Parties, other Governments and relevant organizations, and considering ongoing work, to compile information on relevant definitions of relevant key terms to enable Parties to implement decisions IX/2 and X/37, and to report on progress to a meeting of the Subsidiary Body on Scientific, Technical and Technological Advice prior to the twelfth meeting of the Conference of the Parties.

Documentation:

89. Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/15) containing a progress report on activities undertaken by Parties, other Governments, relevant organizations and initiatives, and the Executive Secretary in response to this decision.

Action:

90. The Subsidiary Body will be invited to consider the information contained in document UNEP/CBD/SBSTTA/18/15 and to determine any further action, as may be needed.

Item 9.6 Sustainable use of biodiversity: bushmeat and sustainable wildlife management

Background:

91. In decision XI/25, the Conference of the Parties requested the Executive Secretary to provide to the Subsidiary Body: (i) periodic updates on the progress made by the Ad Hoc Working Group on Article 8(j) and Related Provisions on customary sustainable use of biodiversity by indigenous and local communities (paragraph 9), and (ii) a synthesis report on progress in sustainable wildlife management, in particular bushmeat species management and customary sustainable use, and on related capacity-building requirements, based on submissions from Parties and relevant organizations, and with the full and effective participation of indigenous and local communities (paragraph 15)

Documentation:

92. Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/16) containing a progress report on activities undertaken by Parties, other Governments, relevant organizations and initiatives, including relevant initiatives, actions and experiences of indigenous and local communities, as well as on relevant activities of the Executive Secretary.

Action:

- 93. The Subsidiary Body will be invited to consider the information contained in document UNEP/CBD/SBSTTA/18/16 and to determine any further action, as may be needed.
- 94. The conclusions and recommendations of SBSTTA on this item may, *inter alia*, inform the consideration of the Conference of the Parties, at its twelfth meeting, on the steps to enhance the implementation of the Strategic Plan for Biodiversity 2011-2020 and achievement of the Aichi Biodiversity Targets, in particular Target 7.

Item 9.7 Health and biodiversity

Background:

95. In paragraph 17 of decision X/20, the Conference of the Parties, requested the Executive Secretary (i) to further strengthen collaboration with the World Health Organization and other relevant organizations with a view to promoting the consideration of biodiversity issues in health programmes and plans; (ii) to investigate how implementation of the Strategic Plan for Biodiversity 2011-2020 can best support efforts to address global health issues, and thereby facilitate consideration of biodiversity within

national health strategies in line with the World Health Declaration, and in support of the Millennium Development Goals; (iii) and to explore avenues for bridging the gaps between work being carried out to address the impacts of climate change on public health and work to address the impacts of climate change on biodiversity ,. In paragraph 29 of decision XI/6, the Conference of the Parties welcomed the strengthening of collaboration between the Convention on Biological Diversity and the World Health Organization, and other relevant organizations and initiatives, and requested the establishment of a joint work programme with the World Health Organization, and other relevant organizations, to support the contribution that the Strategic Plan for Biodiversity 2011–2020 can make to achieving human health objectives.

Documentation:

96. Under this item, the Subsidiary Body will have before it a note by the Executive Secretary (UNEP/CBD/SBSTTA/18/17) on progress towards the development of the joint work programme with the World Health Organization. The note will also contain the draft key messages of a "State of knowledge review on the interlinkages between biodiversity and human health", prepared with the support of relevant experts of the World Health Organization and other organizations.

Action:

- 97. The Subsidiary Body will be invited to review the information contained in document UNEP/CBD/SBSTTA/18/17, and to determine any further action, as may be needed.
- 98. The conclusions and recommendations of SBSTTA on this item may also inform the consideration of the Conference of the Parties, at its twelfth meeting, on the steps to enhance the implementation of the Strategic Plan for Biodiversity 2011-2020 and achievement of the Aichi Biodiversity Targets, in particular Aichi Biodiversity Target 14.

ITEM 10. OTHER MATTERS

99. Under this item, participants will be invited to raise other matters of relevance to the meeting.

ITEM 11. ADOPTION OF THE REPORT

100. Under this item, the Subsidiary Body will consider and adopt its report. In accordance with established practice, the Subsidiary Body is invited to authorize the Rapporteur to complete the final report after the meeting, with the guidance of the Chair and the assistance of the Secretariat.

ITEM 12. CLOSURE OF THE MEETING

101. The eighteenth meeting of the Subsidiary Body on Scientific, Technical and Technological Advice is scheduled to be closed at 1 p.m. on Saturday, 28 June 2014.

Annex I

PROPOSED ORGANIZATION OF WORK FOR THE EIGHTEENTH MEETING OF THE SUBSIDIARY BODY ON SCIENTIFIC,
TECHNICAL AND TECHNOLOGICAL ADVICE (Montreal, 23-28 June 2014)

	10 a.m. – 1 p.m.	3 p.m. – 6 p.m.
Monday, 23 June 2014	 Opening of the meeting. Organizational matters. 2.1 Election of officers. 2.2 Adoption of agenda and organization of work. Global Biodiversity Outlook: mid-term review of progress towards the Aichi Biodiversity Targets.** 3.1 Review of the draft of the fourth edition of the Global Biodiversity Outlook. 3.2 Review of the implementation of the Global Strategy for Plant Conservation 2011-2020. 	 continued Intergovernmental Science-Policy Platform for Biodiversity and Ecosystem Services. Incentive measures: obstacles encountered in implementing options identified for eliminating, phasing out or reforming incentives that are harmful for biodiversity Consideration of issues in progress (if time is available)
Tuesday, 24 June 2014	4. Marine and coastal biodiversity**: 4.1 Ecologically or biologically significant marine areas; 4.2 Addressing impacts of underwater noise on marine and coastal biodiversity; 4.3 Addressing impacts of marine debris on marine and coastal biodiversity; 4.4 Systematic review on the impacts of ocean acidification and proposal to update the specific work plan on coral bleaching; 4.5 Tools and capacity development, including marine spatial planning and training initiatives.	 4. continued 6. New and emerging issues: synthetic biology. 9. Consideration of issues in progress (if time is available)
Wednesday, 25 June 2014	 Invasive alien species:** 5.1. Management of risks associated with introduction of alien species introduced as pets, aquarium and terrarium species, and as live bait and live food 5.2. Review of work on invasive alien species and considerations for future work 	9. Consideration of issues in progress: 9.1. Integration of the conservation and sustainable use of biodiversity into climate-change mitigation and adaptation activities; 9.2. Application of relevant safeguards for biodiversity with regard to policy approaches and positive incentives on issues

^{**} Presentations and/or panel discussions may be organized to introduce these items.

		relating to reducing emissions from deforestation and forest degradation and the role of conservation, sustainable management of forests and enhancement of forest carbon stocks in developing countries; 9.3. Climate-related geoengineering 9.4. Ecosystem conservation and restoration; 9.5. Definitions of key terms related to biofuels and biodiversity; 9.6. Sustainable use of biodiversity: bushmeat and sustainable wildlife management; 9.7. Health and biodiversity.
Thursday, 26 June 2014	Pending issues	Pending issues
Friday, 27 June 2014	Pending issues	Pending issues
Saturday, 28 June 2014	 10. Other matters. 11. Adoption of the report. 12. Closure of the meeting. 	

Annex II

WORKING DOCUMENTS

Symbol	Working title	Agenda item
UNEP/CBD/SBSTTA/18/1	Provisional agenda	2
UNEP/CBD/SBSTTA/18/1/Add.1	Annotations to the provisional agenda	2
UNEP/CBD/SBSTTA/18/2	Draft executive summary with the main messages of the fourth edition of the Global Biodiversity Outlook	3.1
UNEP/CBD/SBSTTA/18/3	Progress in achieving the targets of the Global Strategy for Plant Conservation 2011-2020	3.2
UNEP/CBD/SBSTTA/18/4	Progress report on describing areas meeting the criteria for ecologically or biologically significant marine areas.	4.1
UNEP/CBD/SBSTTA/18/4/Add.1	Draft summary reports on the description of areas meeting the criteria for ecologically or biologically significant marine areas.	
UNEP/CBD/SBSTTA/18/5	Addressing impacts of underwater noise and marine debris on marine and coastal biodiversity	4.2 and 4.3
UNEP/CBD/SBSTTA/18/6	Systematic review on the impacts of ocean acidification and proposal to update the specific work plan on coral bleaching	4.4
UNEP/CBD/SBSTTA/18/7	Tools and capacity development, including marine spatial planning and training initiatives	4.5
UNEP/CBD/SBSTTA/18/8	Management of risks associated with introduction of alien species as pets, aquarium and terrarium species, and as live bait and live food and related issues	5.1
UNEP/CBD/SBSTTA/18/9	Review of work on invasive alien species and considerations for future work	5.2
UNEP/CBD/SBSTTA/18/10	New and emerging issues: synthetic biology	6
UNEP/CBD/SBSTTA/18/11	Incentive measures: Obstacles encountered in implementing options identified for eliminating, phasing out or reforming incentives that are harmful for biodiversity	7
UNEP/CBD/SBSTTA/18/12	The Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services	8
UNEP/CBD/SBSTTA/18/13	Report on issue in progress:	
	Integration of the conservation and sustainable use of biodiversity into climate change mitigation and adaptation activities;	9.1
	Application of relevant safeguards for biodiversity with regard to policy approaches and positive incentives on issues relating to reducing emissions from deforestation and forest degradation and the role of conservation, sustainable management of forests and enhancement of forest carbon stocks in developing countries;	9.2
	Climate-related geoengineering	9.3
UNEP/CBD/SBSTTA/18/14	Report on issue in progress: Ecosystem conservation and restoration	9.4

UNEP/CBD/SBSTTA/18/1/Add.1 Page 19

UNEP/CBD/SBSTTA/18/15	Report on issue in progress:	9.5
	Definitions of key terms related to biofuels and biodiversity	
UNEP/CBD/SBSTTA/18/16	Report on issue in progress:	9.6
	Sustainable use of biodiversity: bushmeat and sustainable wildlife management	
UNEP/CBD/SBSTTA/18/17	Report on issue in progress:	9.7
	Health and biodiversity	
