XXII meeting of the **International Bioacoustics Council (IBAC)**

**POSTER COMMUNICATIONS**

Poster communications will take place on Tuesday and Friday; all posters will be on display both days.

**Poster Size:** 100-120 cm (height) x 90 cm (width)

Poster communications have been listed by alphabetical order.

1. Alves, D; Fonseca, P J. Departamento de Biologia Animal e Centro de Biologia Ambiental. Time resolution in the auditory pathway of the cicada *Tettigetta josei*.

2. Amorim, M C P (1); Simões, J M (1); Mendonça, N (2); Bandarra, N (2); Almada, V C (1); Fonseca, P J (3). UIEE - Unidade de Investigação em Eco-etologia, Instituto Superior de Psicologia Aplicada, Portugal (1); IPIMAR, Portugal (2); Centro de Biologia Ambiental e Departamento de Biologia Animal, Faculdade de Ciências da Universidade de Lisboa, Portugal (3). **Lusitanian toadfish song reflects male quality.**

3. Arias, A (1); Llusia, D (1); Beltrán, J F (2); El Mouden, H (3); Slimani, T (3); Radi, M (3); Fattah, A (3); Márquez, R (1). Museo Nacional de Ciencias Naturales, Spain (1); Universidad de Sevilla, Spain (2); University of Marrakech, Morocco (3). **The song of *Eugaster spinulosa* (Orthoptera, Tettigoniidae): description and relationship between song parameters and temperature.**

4. Benes, J C. Charles University in Prague, Czech Republic. Stridulation organs and distress signals in various species of *Trox* F. (Coleoptera: Trogidae).

5. Bertuccci, F; Beauchaud, M; Attia, J; Mathevon, N. Université Jean Monnet, France. Agonistic context and acoustic communication in a cichlid: fine sound analysis and first playback experiments.

6. Bragina, E V; Beme, I R. Moscow State University, Russia. **Calls of white-naped crane reflect body mass of a bird.**

7. Briefer, E (1); Rybak, F (2); Aubin, T (2). Queen Mary University of London, UK (1); Université Paris Sud, France (2). **Group signature in a songbird with a complex song: importance of syntax.**

8. Brumm, H (1); Schrader, L (2). Max Planck Institute for Ornithology, Seewiesen, Germany (1); Friedrich Loeffler Institute, Germany (2). **Noise-dependent vocal plasticity in domestic fowl.**

9. Costa M; Mota, P G. Universidade de Coimbra, Portugal. **Multiple sexually selected traits in the Serin. Are coloration and song signalling the same features?**
10. Guerreiro da Silva, A (1); Vu, E (2); Risch, D (2); Van Parijs, S M (2). Faculdade de Ciências da Universidade de Lisboa, Portugal (1); Northeast Fisheries Science Center, USA (2). Temporal patterns of North Atlantic right whale vocalizations during the winter and spring in the Northwest Atlantic, USA.

11. Holt, D E; Johnston, C E. Auburn University, Alabama, USA. The effect of noise on acoustic communication in Cyprinella venusta.

12. Jordão, J (1); Amorim, M C P (2); Fonseca, P J (1). Centro de Biologia Ambiental e Departamento de Biologia Animal, Faculdade de Ciências da Universidade de Lisboa, Portugal. Sonic muscle activity during territorial defence and distress calls in the Lusitanian toadfish (Halobatrachus didactylus).

13. Jordão, J (1); Simões, J M (2); Almada, V C (2); Fonseca, P J (1); Amorim, M C P (2). Centro de Biologia Ambiental e Departamento de Biologia Animal, Faculdade de Ciências da Universidade de Lisboa, Portugal; UIEE - Unidade de Investigação em Eco-etologia, Instituto Superior de Psicologia Aplicada, Portugal. Vocal interactions between Lusitanian toadfish males.

14. Klenova, A (1); Volodin, I (1,2); Volodina, E (2); Postelnykh, K (3). Moscow State University, Russia (1); Moscow Zoo, Russia (2); Oka Biosphere State Nature Reserve, Russia (3). Vocal development via voice breaking in the red-crowned crane Grus japonensis.

15. Koch, M (1); Tauchert, K H (2); Frommolt, K, H (2). Humboldt-Universität, Berlin, Germany (1); Museum für Naturkunde - Leibniz Institute, Humboldt-Universität, Berlin, Germany (2). Bioacoustic monitoring of a woodpecker community.


17. Linhart, P; Jaska, P; Fuchs, R. University of South Bohemia, Czech Republic. Length and frequency in a male chiffchaff’s (Phylloscopus collybita) song: Not all dare to sing long songs.

18. Lugli, M. University of Pavia, Italy. Acoustics of fish shelters.

19. Malavasi, S; Chiara, V; Torricelli, P. University "Ca' Foscari" of Venice, Italy. Sound production, spawning behaviour, and parasitic nest intrusions in the black-spotted goby Pomatoschistus canestrini

20. Manjari, J; Balakrishnan, R. Indian Institute of Science, India. Cricket calling site selection and sound transmission in a tropical evergreen forest.

21. Marques, P A M (1,2); Araújo, C B (3). Universidade de Lisboa, Portugal (1); Museo Nacional de Ciencias Naturales, Spain (2); Universidade Estadual de Campinas, Brazil (3). Nestling call variation during early development in altricial colonial passerine.

22. Norris, T (1); Yack, T (1); Oswald, J (1); Martin, S (2); Thomas, L (3); Janik, V (3). Bio-Waves Inc, USA (1); SPAWAR Systems Center Pacific, USA (2); University of St Andrews, UK (3). Boing! Acoustic localization, characterisation and comparison of minke whale songs from the Hawaiian islands and other areas in the North Pacific Ocean.

23. Ohya, E. Forestry and Forest Products Research Institute, Japan. Close-range sound communication in Platypus quercivorus (Coleoptera: Platypodidae), a pest of oak trees in Japan.
24. Papes, S; Ladich, F. University of Vienna, Austria. Effects of temperature on sound production and auditory sensitivity in the Raphael catfish Platydoras costatus.

25. Passilongo, D (1); Dessi-Fulgheri, F (1); Gazzola, A (2); Zaccaroni, M (1); Appolonio, M (2). University of Firenze, Italy (1); University of Sassari, Italy (2). Wolf counting and individual acoustic discrimination by spectrographic analysis.

26. Perez, E C (1); Elie, J E (1); Soulage, C (2); Soula, H (2); Mathevon, N (1,3); Vignal C (1). Université Jean-monnet, France (1); Université de Lyon, France (2); Université de Paris Sud, France (3). Isolation-induced call modification in zebra finches: an effect of stress of social separation?

27. Sanchéz-García, A (1); Bueno-Crespo, A (2); Sancho-Gomez, J L (3). S. A. de electrónica submarina, Spain (1); Universidad Catolica San Antonio, Spain (2); Universidad Politecnica de Cartagena, Spain (3). A combined neural network-statistics method for sperm whale clicks automated detection.

28. Simões, J M (1); Fonseca, P J (2); Almada, V C (1); Amorim, M C P (1). UIEE - Unidade de Investigação em Eco-etologia, Instituto Superior de Psicologia Aplicada, Portugal (1); Centro de Biologia Ambiental e Departamento de Biologia Animal, Faculdade de Ciências da Universidade de Lisboa, Portugal (2). Patterns of shelter usage and social aggregation by the vocal Lusitanian toadfish.

29. Speares, P; Johnston, C. E. Auburn University, Alabama, USA. Acoustic communication in a small benthic fish, Etheostoma crossopterum.

30. Spigonardi, P M; La Porta, G; Mearelli, M. Department of Cellular and Environmental Biology, University of Perugia, Italy. Bioacoustic analysis for call characterization of two populations of green frog in Central Italy.

31. Tanttu, J (1); Turunen, J (1); Sirkia, P (2). Tampere University of Technology, Finland (1) University of Turku, Finland (2). A comparative study of bird song complexity measures.

32. Tauchert, K-H; Frommolt, K-H. Humboldt University Berlin, Germany. Monitoring of booming bitterns (Botaurus stellaris) by acoustic triangulation.

33. Van Staaden, M (1); Wysocki, L E (2); Ladich, F (2). Bowling Green State University, Ohio, USA (1) University of Vienna, Austria (2). Ecoacoustical constraints shape sound communication in lake Malawi Cichlids.

34. Volodin, I (1,2); Matrosova, V (1); Kaiser, M (3); Volodina, E (2); Klenova, A (1). Lomonosov Moscow State University, Russia (1); Scientific Research Department, Moscow Zoo, Russia (2); Tierpark Berlin-Friedrichsfelde GmbH, Berlin, Germany (3). Sexing of four monomorphic dendrocygna whistling duck species by their loud whistles.

35. Zollinger, A S (1); Goller, F (2); Brumm, H (3). University of St Andrews, UK (1); University of Utah, USA (2); Max Planck Institute for Ornithology, Seewiesen, Germany (3). The energetics of singing in noise - metabolic and respiratory costs of increasing song amplitude.