

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. Bertucci, 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.**
16. Krama, T; Krams, I; Bērziņš, A; Igaune, K. *Daugavpils University, Latvia*. **Effects of cover on loud trill-call and soft seet-call use in the crested tit *Lophophanes cristatus*.**
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 canestrinii***
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. Sánchez-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 crossopeterum*.**
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. Tantt, 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.**