



Poster Presentations

POSTER SESSION I (Tuesday morning until Wednesday evening)

Trends in Taxonomy

1. Aghababayan, M.: *Papaver* sect. *Argemonidium* Spach (Papaveraceae): Some new taxonomic data.
2. *Akmali, V.; Farazmand, A.; Darvish, J. & Sharifi, M.: Taxonomic status of *Rhinopoma microphyllum* (Brunnich, 1782) (Chiroptera: Rhinopomatidae) in Iran.
3. Aksu, N.; Inceer, H. & Hayirlioglu-Ayaz, S.: Karyotype analysis of three *Achillea* L. (Asteraceae) taxa from Turkey.
4. Alan, S.; Yavru, A. & Cabi, E.: Palynological studies on the genus *Calamintha* Miller (Lamiaceae) species growing in Turkey.
5. Alasgarov, M. M. & Garakhani, P. C.: Application importance of anatomical method in taxonomy.
6. *Bakhshalizadeh, S.; Bani, A.; Abdolmalaki, S.; Nahraver, M. & Rastin, R.: Morphometric survey of pectoral fin ray of Persian sturgeon (*Acipenser persicus*), Russian sturgeon (*Acipenser gueldenstaedtii*) and Stellate sturgeon (*Acipenser stellatus*) in Iranian waters of the Caspian Sea.
7. Blagojević, J.; Stamenković, G.; Jojić, V.; Bugarski-Stanojević, V.; Adnađević, T.; Giagia-Athanasopoulou, E.B. * & Vujošević, M.: Phylogenetic relatedness among six *Apodemus* species (Mammalia, Rodentia) inferred from microsatellite markers.
8. Bog, M.; Baumbach, H.; Schneider, P.; Hellwig, F.; Landolt, E.; Kochieva, E. Z.; Martirosyan, E. V.; & Appenroth, K.-J.: Genetic structure of the genus *Wolffia* Horkel ex. Schleiden (Lemnaceae) as revealed by amplified fragment length polymorphism and two chloroplast markers.
9. Botoni, D.; Kapli, P.; Ilgaz, C.; Kumlutaş, Y.; Avcı, A.; Pouyani, N.R.; Fathinia, B.; Lymberakis, P. & Poulakakis, N.: Molecular phylogeny of the lacertid genus *Apathya* Méhely, 1907.
10. Breman, F.; Jordaens, K.; Tessens, B.; Backeljau, T.; Smeets, K. & Artois, T.: Cryptic biodiversity and phylogeographic relationships in the freeliving flatworm *Gyratrix hermaphroditus* (Platyhelminthes, Kalyptorhynchia).
11. *Cabi, E.: Comparison of micro-morphological characteristics of four closely related genera in Tribe Triticeae Dumortier.
12. Cremer, H. & Schuren, F. and the *HydroChip* project team: Application of algae barcoding in water quality monitoring.

13. Dascălu, M.M. & Fusu, L.: The usefulness of chromosomes of *Dorcadionini* longhorn beetles (Coleoptera, Cerambycidae, Lamiinae) for the group systematics.
14. Dinç, M. & Doğu S.: *Centaurea dumanii* comb. & stat. nov. (Asteraceae).
15. Dinç, M. & Doğu S.: Anatomical and micromorphological studies on *Teucrium* sect. *Isotriodon* (Lamiaceae) in Turkey, with a taxonomic note.
16. Doğu, S.; Dinç, M. & Pinar, N.M.: Anatomical and micromorphological differentiation in the genus *Moltkia* Lehm. in Turkey.
17. Doğu, S. & Dinç, M.: Macro-micromorphological and anatomical studies on *Teucrium lamiifolium* d'Urv. (Lamiaceae), with a taxonomic note.
18. Doğu, S.; Dinç, M. & Ünal, A.: Anatomical characteristics of *Bellevalia mathewii* Özhatay & Koçak (Liliaceae).
19. Dönmez, A.A.; Uğurlu, Z.; Dinçel, Ö.; Taşçi, B.: Taxonomy of the genus *Nigella* and the closely related genera, *Garidella* and *Komaroffia* (Ranunculaceae): Based on Seed Characters.
20. Dressler, S. & Bumler, V.: *Norantea* s.str. (Marcgraviaceae) – Taxonomy and Biogeography.
21. Ebrahimiyan, M.; Salimpour, F. & Sharifnia, F.: Nutlet morphology and its taxonomic implications in *Salvia* (Lamiaceae) from Iran.
22. *Esmaili, H.R.; Zarei, N.; Gholami, Z. & Teimori, A.: Biodiversity and distribution of cyprinodontiform fish species (Actinopterygii: Cyprinodontiformes) of Iran.
23. Farhadi, Z.; Malek, M. & Elahi, E.: Earthworm fauna of Kohgiluyeh-Boyerahmad Province, Iran.
24. Foladi, F.; Salimpour, F. & Sharifnia, F.: Numerical taxonomy of some species in Viciae tribe.
25. *Frey, F.; Haag, C.; Mraz, P. & Kozłowski, G.: A taxonomic revision of the sand dune endemics *Hiercium eriophorum* and *H. prostratum* (Asteraceae).
26. *Grimm, C.; Dürr, A.; Ewers, C. & Brandis, D.: Revision of historic brachyuran material of the Galathea-expedition 1845-1847 for faunistic and biogeographic studies.
27. Grudinski, M.; Wanntorp, L. & Muellner, A.N.: Molecular systematics of *Hoya* (Apocynaceae) based on multiple nuclear and plastid markers.
28. *Hajmoradi, F., Ranjbar M. & Karamian R.: Biosystematic study on *Onobrychis* sect. *Hymenobrychis* (Fabaceae) in Iran.
29. Hajmoradi, Z.; Ranjbar, M. & Karamian, R.: A revision of *Trigonella* sect. *Ellipticae* (Fabaceae) in Iran.
30. *Heydarnejad, M. S.: Phylogeny of three species of *Paramecium* (Protozoa; Ciliophora) using mt DNA sequences.
31. Inceer, H.; Hayirlioglu-Ayaz, S.; Aksu, N.; Ozcan, M. & Bal, M.: The stem anatomy, karyology and fatty acid composition of endemic *Tripleurospermum fissurale* (Sosn.) E. Hossain from Turkey.
32. *Jochum, A.; Weigand, A. M. & Klussmann-Kolb, A.: New horizons broaden for microsnail taxonomy – Barcoding the Carychiidae (Gastropoda, Pulmonata, Ellobioidea).

33. Kaldyka, C. & Schüller, M.: Taxonomy and systematics of Sphaerodoridae with description of four new species from the deep Southern Ocean.
34. Karamian, R; Ranjbar, M. & Babataheri, Z.: Biosystematic study on the genus *Salvia* L. in Iran.
35. Kaya, A.; Ünal, M.; Özgökçe, F.; Doğan, B. & Martin, E.: Fruit and seed morphology of the genus *Malcolmia* R. Br. (Brassicaceae) in Turkey and their taxonomic value.
36. *Khalili, Z. & Rahimian, H.: Free-living flatworms (Platyhelminthes, Polycladida) from intertidal area of Qeshm and Hengam Islands, Persian Gulf, Iran.
37. Kosnar, J.: Divergent ITS paralogs in bryophytes: evidence of hybridization in European taxa of *Tortula muralis* complex (Pottiaceae, Musci).
38. Kries, A.; & Weiß, M.: An outline for the phylogeny of myxogastrids.
39. Küçüködük, M. & Yıldıztuğay, E.: Endemic plants of Kaş plateau and its surroundings (Anamur – Mersin/Turkey).
40. *Low, S. L. ; Wong, S. Y. & Boyce, P. C.: The Hottarum Group (Araceae: Schismatoglottideae) implications for centers of taxogenesis in Sarawak inferred from phylogenetic evolutionary reconstruction.
41. Lužnik, M.; Bužan, E. V. & Kryštufek, B.: Phylogenetic status of the extinct Alpine new subspecies *Mesotriton alpestris lacusnigri*.
42. Mohammad pour, S.; Rahimian, H. & Berning, B.: First report of Bryozoans from the Qeshm Island, Persian Gulf.
43. Mostafavi, G.; Assadi, M.; Nejadstattari, T.; Sharifnia, F. & Mehregan, I.: The seed micromorphological survey of some *Minuartia* species (Caryophyllaceae) in Iran.
44. Nazi, M., Salimpour, F. & Mazooji, A.: Palynological analysis of *Cheilanthes* species from South of Iran.
45. Nersesyan, A.: Representatives of the genus *Dianthus* L. (Caryophyllaceae) in Armenia.
46. *Olano-Marín, C.; Fleischmann, A.; Bräuchler, C. & Heubl, G.: Molecular phylogeny, biogeography and character evolution in the tribe Rhinanthae (family Orobanchaceae).
47. Optasyuk, O.M.: Phytogeographical relations of the genus *Linum* L. species in Ukraine.
48. *Özbek, M.U. & Vural, M.: Distribution and ecology of endemic species of *Cota* (Asteraceae) in Turkey.
49. *Özbek, F.; Ekici, M. & Pinar, N. M.: Pod micromorphology and its systematic application in *Astragalus* (Fabaceae) sections *Uliginosi* and *Ornithopodium* in Turkey.
50. *Pereira, A. L.; Martins, M.; Oliveira, M. M. & Carrapiço, F.: Family Azollaceae: An integrative approach with vegetative and RAPD markers.
51. Pířová, S. & Fér, T.: Evaluation of variability within *Sparganium erectum* using morphometrics, AFLP and flow cytometry.
52. Potođlu Erkara, I., Bülent Köse, Y., Osoydan, K. & Yücel, E.: Pollen morphology of some Turkish *Centaurea* L. and its taxonomic value.
53. Rajabizadeh, M. & Anderson, S. C.: Taxonomy of *Tropicolotes* cf. *steudneri* from southern Iran.
54. Rakosy, D. & Paulus, H., F.: Pollination Biology and Phylogeny of the *Ophrys tenthredinifera* Komplex (Orchidaceae) in Crete.

55. Ranjbar, M.; Karamian, R. & Raoufi, S.: Systematic study on *Astragalus* sect. *Caprini* DC. (Fabaceae) in Iran.
56. Rastegar-Pouyani, N. & Karamiani, R.: Sexual dimorphism in leaf-toed gecko *Asaccus elisae* (Werner, 1895) (Sauria: Gekkonidae).
57. *Reshteh, R. R.; Rahimian, H. & Segers, H.: Faunistical and biogeographical studies on rotifers in southwest Iran.
58. *Riehl, T. & Brandt, A.: A proposed classification of setae for Macrostylidae (Crustacea: Isopoda).
59. *Sadeghi, B.; Nassiry, M.R.; Shafagh Motlagh, A.; Pirany, N.; Mohammad Hashemi, A. & Ahmadvpour, K.: Interpretation of mtDNA region sequence diversity in Iranian Domestic sheep.
60. *Salmaki, Y.; Zarre, S.; Bräuchler, C. & Heubl, G.: Molecular phylogeny of the tribe *Phlomoideae* (Lamioideae; Lamiaceae) inferred from nrDNA ITS and cpDNA *trnK* sequences.
61. Schneider, J.; Döring, E.; Hilu, K.W. & Röser, M.: Major lineages of the grass subfamily Pooideae: a comparison of plastid *matK* and 3'*trnK* gene with nuclear ITS DNA sequences.
62. Seyedipour, N.; Sharifnia, F. & Salimpour, F.: Biosystematic study four species of *Crataegus* L. from northwest of Iran.
63. Sharifnia, F.; Behzadishakib, S. & Salimpour, F.: Biosystematics study of two Iranian *Rubus* L. species.
64. Sharifnia, F.; Chraghinav, S.; Salimpour, F. & Akhoondidarzikolaee, S.: Two new records of *Hylocomiaceae* for bryoflora of Iran (Gilan Area).
65. Sharifnia, F.; Seyedipour, N. & Salimpour, F.: Revision on some of Persian *Crataegus* L. species.
66. *Silva, W. J.; Malta, E. A.; Ludwig, T. A.; Jahn, R. & Menezes, M.: Criteria of delimitation of the Cymbellaceae. I. Dorsiventrality.
67. Sohrabi, M.; Stenroos, S.; Myllys, L. & Hyvönen, J.: Systematics of the "manna lichens"; a new insight into vagrant-crustose life form.
68. Svobodová, Š. & Štech, M.: Morphological and molecular variation in two *Euphrasia* species in the Czech Republic.
69. *Taeb, F.; Ekici, M. & Podlech, D.: Notes on *Astragalus suberosus* species complex (Fabaceae) in Turkey.
70. *Ter-Voskanyan, H.: Genus *Polygonum* L. s. l. in flora of Armenia.
71. Tison, J.M.; Peterson, A.; Harpke, D. & Peruzzi, L.: Phylogenetic analysis shed new light into taxonomy and reticulate evolution of the critical Mediterranean *Gagea* sect. *Didymobulbos* (Liliaceae).
72. *Toluei, Z.; Atri, M. & Ranjbar, M.: Morphological variations of *Onobrychis viciifolia* Scop. populations (Fabaceae) in Iran and their relationship with ecogeographical factors.
73. *Töre, D.; Özenirler, Ç.; Özüdođru, B.; Erik, S. & Aytekin, A.M.: Elliptic Fourier analysis on the shape variation of bracts in subspecies of *Teucrium chamaedrys* L. (Lamiaceae) from Turkey.

74. Trovó, M.; Andrade, M.J.G.; Sano, P.T. & van den Berg, C.: Molecular and morphological phylogeny of Paepalanthoideae Ruhland with emphasis on Brazilian *Paepalanthus* Mart. (Eriocaulaceae).
75. Uzunhisarcikli, M. E. & Vural, M.: Taxonomic study of *Alcea* (Malvaceae) in Turkey.
76. Valainis, U.: A review of genus *Omophron* Latreille, 1802 (Coleoptera: Carabidae) oriental region fauna and distribution.
77. Vardanyan, Zh.: Peculiarities of aboriginal dendroflora of Armenia.
78. * Wełnicz, W.; Grohme, M.; Kaczmarek, Ł.; Karger, A. & Frohme, M.: Phylogeny of the family Macrobiotidae (Tardigrada; Eutardigrada) based on molecular and morphological data.
79. Winterfeld, G.; Döring, E. & Röser, M.: Chromosome evolution in wild oat grasses (Aveneae) revealed by molecular phylogeny.

Inventoring and Managing Biodiversity

80. Aghayeva, D. N. & Harrington, T. C.: Fungi associated with *Pinus eldarica* in Azerbaijan.
81. Akaydin, G. & Doğan, M.: Significance of Morphological Characters in the Taxonomy of *Acantholimon* Boiss. (Plumbaginaceae) in Turkey
82. Balnis, N.; Knopf, P. & Stützel, T.: Differential diagnosis within the genus *Agathis* SALISB.
83. Barnaveli, N., Gagnidze, R. & Churadze, M.: Morphological-geographical analyses of the species of the genus *Rosa* L. (Rosaceae) of the flora of Georgia.
84. Batsatsashvili, K.: Identification of important plant areas in Georgia (the Caucasus biodiversity hotspot).
85. Bedoshvili, Y. & Likhoshway, Y.: Do data on the structure of diatom cells have a phylogenetic significance?
86. Cicuzza, D.; Jones, M. & Kessler, M.: Determinants of herbaceous plant distributions in Lore Lindu National Park, central Sulawesi, Indonesia.
87. Cole, T.C.H. & Hilger, H.H.: Angiosperm phylogeny (an educational poster of orders and families of flowering plants).
88. Darabi Darestani, K. & Malek, M.: Seasonal variation in occurrence of the medicinal leech, *Hirudo orientalis* Utevsky & Trontelj 2005, in Guilan province, Iran.
89. Darabi Darestani, K. & Malek, M.: Predation in two species of leech under laboratory conditions.
90. Dolgener, N.; Schröder, C.; Havenstein, K.; Schneider, A.; Schneeweiss, N. & Tiedemann, R.: Genetic population structure of *Bombina bombina* (Amphibia – Anura) - Implications for conservation management.
91. Ekhvaia, J.; Blattner F.R.; Gurushidze, M. & Akhalkatsi, M.: Relationships between wild grapevine (*Vitis vinifera* subsp. *sylvestris*) populations and native grape cultivars in Georgia.
92. *Elsner, N.O. & Brandt, A.: Deep-sea isopod biodiversity in the Sea of Japan.
93. *Esmaeili Rineh, S. & Sari, A.: Species diversity of hypogean amphipods of the genus *Niphargus* in Iran: morphological stasis and genetic diversity.

94. Evarte-Bundere, G. & Evarts-Bunders, P.: Taxonomical diversity of genus *Tilia* L. cultivated in parks and botanical gardens in Latvia.
95. Frahnert, S.: Management of data from historical collections in the ornithological collection of the *Museum für Naturkunde Berlin*.
96. *Ghanavati, F.: Biosystematical study of *Onobrychis* genus in Tehran province.
97. Ghiyasi, M.; Sohrabi, M. & Ahmadi Moghadam, M.: Studies on lichenized mycota of Kuhbanan district, a neighboring area to Kavir-e Lut desert, NW of Kerman province, Iran.
98. *Gholami, Z.; Zarei, R.; Kia, E.B. & Mobedi, I.: Characterization of a New species, *Ichthyophthirius mehrani* (Ciliophora: Oligohymenophorea) isolated from *Aphanius dispar* (Holly, 1929) (Cyprinodontidae) collected from Mehran River, Hormuzgan Province, South of Iran.
99. Hand, R.; Kilian, N. & von Raab-Straube, E.: A world-wide online revision: the dynamic web monograph of *Cichorieae* (*Compositae*, *Asterales*).
100. Häuser, C.L.; Hoffmann, A.; Kroupa, A.S. & Monje, J.C.: Nature Inventories – The success story of ATBI+M and future prospects.
101. Kirchhoff, A.; Güntsch, A.; Hoffmann, N.; Kohlbecker, A.; Müller, A.; Revilla, F. & Berendsohn, W. G.: A versatile toolkit for taxonomists: The EDIT Platform for Cybertaxonomy.
102. Knebelsberger, T.; Laakmann, S.; Mohrbeck, I. & Raupach, M.J.: Biodiversity assessment of the North Sea fauna using molecular techniques.
103. Kızıroğlu, I.: Management Plan of Körkün Valley near Adana in Mediterranean Region in Turkey.
104. *Koetschan, C.; Dandekar, T.; Förster, F.; Hackl, T.; Keller, A.; Merget, B.; Müller, T.; Scharfenberger, B.; Schleicher, T.; Schultz, J.; Wolf, M.: ITS2 Sequence Structure BLAST.
105. Kokina, I.; Barševskis, A.; Aksjuta, K. & Gavarāne, I.: Data of sequence analysis of coi, 28SrDNA and 18SrDNA genes for two species of genus *Notiophilus* Dumeril, 1804 (Coleoptera, Carabidae).
106. Kokina, I. & Rashal, I.: Diversity of virulence genes in the population of causal agent of barley powdery mildew in Latvia in 2008–2009.
107. Kokkoris, I.; Tiniakou, A.; Georgiadis, Th. & Artelari, P.: Evaluation of habitat diversity along the Alfeios river route (Peloponnese, Greece) using geographic information systems (GIS).
108. *Kolanowska, M.: Orchids of Valle del Cauca - a preliminary study.
109. Kusber, W.-H.; Jahn, R.; Michel, A.; Güntsch, A. & Berendsohn, W. G.: GBIF-D in its 10th year: Data mobilization and the development of taxonomic web services.
110. Lazdāns, D. & Barševskis, A.: Researches of Ladybug (Coleoptera: Coccinellidae) Fauna in Silene Nature Park (Latvia) and Their Application in Conservation Management.
111. Lucas, C. I.; Dilipan, E.; Thangaradjou, T. & Papenbrock, J.: Development of a DNA barcoding of seagrasses.
112. Maghsoudlou, A. & Egtesadi, P.: Commitments of Iranian National Institute for Oceanography (INIO) for coral reefs research in national and regional level.

113. Marques, P. A. M.; Pereira, S. F.; Magalhães, D. M. & Márquez, R.: The effect of distance and habitat structure in animal sounds propagation and its detection in automated recording systems.
114. Marques, P.A.M.; Magalhães, D. M. & Pereira, S. F.: Soundscapes, building an ecological memory of the present: the Portuguese Natural Soundscapes Project.
115. Mergen, P.; Cael, G.; Theeten, F.; Jacobsen, K.; Coleman, S.; Smirnova, L.; Davy, J. & Lemmer L.-J.: Added value of TDWG biodiversity information standards.
116. Momtazi, F. & Sari, A.: Intertidal caprellids (Amphipoda: Caprellidea) from the Gulf of Oman, Iran.
117. Nitcis, M. & Barsevskis, A.: Review of click beetles (Coleoptera: Elateridae) fauna and protection in specially protected areas in NW part of Latvia.
118. Pankjāns, A. & Barševskis, A.: Fauna of adepagous water beetles (Coleoptera: Hydradephaga) and their protection in specially protected nature areas in Latvia.
119. Penev, L.; Kress, WJ; Knapp, S.; Li, D.-Z. & Renner, S.: At the frontline of publishing in systematic botany: The journal PhytoKeys.
120. Raupach, M. J.; Hannig, K.; Peters, M. K.; Stoeckle, M. Y. & Wägele, J.W.: Barcoding Central European ground beetles (Coleoptera: Carabidae).
121. Redivo, D. & Carbayo, F.: Land planarians (Platyhelminthes, Tricladida) biodiversity in the Serra Da Bocaina National Park, Brazil.
122. Ryan, D. & Gallagher, M.: JSTOR Plant Science and the Global Plants Initiative.
123. Salvesen, I.; Moen, T. L.; Myklebust, I. & Viken, Å.: The Norwegian Taxonomy Initiative.
124. Sari, A. & Sepahvand, V.: Littoral mud shrimps (Crustacea: Decapoda: Thalassinidea) of the Persian Gulf and Gulf of Oman.
125. Schröder, C.; Großer, S. & Tiedemann, R.: 101 SINEs of Biodiversity in Carniformes.
126. Schröder, C. N.; Sack, P. & Koch, M. A.: The Werner Rauh Heritage Project at Heidelberg Botanical Gardens and Herbarium (HEID).
127. Shetekauri, S. & Barnaveli, N.: Diversity and florogenesis of subnival flora of the Caucasus.
128. Sonet, G.; Nagy, Z.T.; Jacquemin, J. & Leponce, M.: Validation of the DNA barcoding approach to survey ant communities in the Ecuadorian Andes.
129. Staats, M.: SYNTHESYS2 JRA4: An assessment of DNA post-mortem damage in herbarium tissue.
130. *Stermin, A.N.; Pripon, L.R.; David, A. & Coroiu, I.: Response of water rail (*Rallus aquaticus*) to specific playback on all day periods in the breeding season.
131. *Tilaoui, M.; Ait Mouse, H.; Jaafari, A.; Ait M'barek, L. & Zyad, A.: Artemisinin: a promising anti-cancer drug from natural sources.
132. Tindall, B.J. & Garrity, G.M.: Adapting the accession of types strains and their available to the scientific community for the purpose of systematic research in the light of access and benefit sharing issues.
133. Tindall, B.J.: Computing the Codes of Nomenclature – an example.

134. Todt, C. & Mikkelsen, N.T.: The category "Solenogastres" in biodiversity estimates – hidden diversity in the Northern European Atlantic.
135. Vladimirov, V.; Hadzhieva, D. & Petrova, A.: Railways as a pathway for introduction and spread of alien and invasive vascular plant species in Bulgaria.
136. Wernisch, M.M.; Lihra, R. & Bernhardt, K.-G.: Changes in plant diversity in Vienna – herbarium as a witness of former time periods.
137. Wilmotte, A.; Waleron, K.; Waleron, M.; Namsaraev, Z.; Simon, P.; Renard, M.; Vincent, W.F.; Castenholz, R. W.; Marinelli, F.; Komarek, J. & Elster, J.: A collection of polar cyanobacteria to contribute to the inventory of the biodiversity and discover the biotechnological potential.
138. Zippel, E. & Stevens, A.-D. Stevens: Seeds for the future – the Dahlem seed bank and the genebank for crop wild relatives.
139. Berendsohn, W. G.; Michel, A. K.; Güntsch, A. & Kusber W.-H.: OpenUp! A new project on opening up the European Natural History Heritage for Europeana.

POSTER SESSION II (Thursday morning until Friday evening)

The Evolutionary Thought: History, Philosophy and Society

1. Buckeridge, J.S.; Reeves, J.M. & Jahn, R.: Priorities in biology – the role of the new IUBS Ethics Commission in biological sciences.
2. *Pripon, L. R.; Stermin, A. N.: Hybridization between nomenclature and structural ordering in the birth of the concept of species.

Evolution of Form and Function

3. Ayvazian, N. & Zaqaryan, A.: Chemical engineering of artificial lipid membranes in phylogenetic studying: theory to experiment.
4. *Bleidißel, S. & Preisfeld, A.: Unusually SSU ribosomal DNA structure in variable regions of different *Aeolidida* (Mollusca, Gastropoda, Nudibranchia).
5. *Büsse, S. & Hörnschemeyer, T.: Ontogenesis of *Pyrrhosoma nymphula* (Odonata: Zygoptera) – egg to first instar studied with SRµCT.
6. Dörken, V.M. & Stützel, T.H.: New aspects about the evolution of *Pinus* L. (Pinaceae).
7. Fritze, D. & Tindall, B. J.: The Global Biological Resource Centre Network (GBRCN).
8. Garrity, G.M.; Kyrpides, N.; Field, D.; Sterk, P.; Klenk, H-P; and the Editorial and Advisory Boards of Standards in Genomic Sciences: Standards in Genomic Sciences: Launch of a standards compliant open-access journal for the 'omics community.
9. Grigore, M.-N.: Evolution of anatomical adaptive strategies in halophytes. Hypotheses and scenarios.

10. Hörnschemeyer, T. & Büsse, S.: Ontogenetic development of *Epiophlebia* (Odonata: Anisozygoptera) – first results.
11. Karamiani, R. & Rastegar-Pouyani, N.: Comparative cranial osteology of *Eublepharis agramainyu* (Sauria: Eublepharidae) and *Asaccus elisae* (Sauria: Gekkonidae).
12. Kotrba, M. & Huber, J.: Coevolution of male and female genitalia in stalk eyed flies (Diopsidae: Diptera).
13. Kyrpides, N. C.; Hugenholtz, P.; Göke, M.; Kunin, V.; Pati, A.; Liolios, K.; Mavromatis, K.; Amann, R.; Beck, B. J.; Bristow, J.; Chain, P.; Chun, J.; Colwell, R. R.; Danchin, A.; DeLong, E. F.; Detter, J. C.; De Vos, P.; Dawyndt, P.; Dong, X.-Z.; Ehrlich, D. S.; Eisen, J. A.; Fraser, C.; Gibbs, R.; Glina, P.; Glöckner, F. O.; Jansson, J. K.; Keasling, J. D.; Wang, J.; Knight, R.; Labeda, D.; Li, W.-J.; Markowitz, V.; Moore, E. R. B.; Morrison, M.; Meyer, F.; Nelson, K. E.; Ohkuma, M.; Pace, N.; Parker, C. T.; Parkhill, J.; Qin, N.; Rossello-Mora, R.; Rubin, E. M.; Sikorski, J.; Smith, D.; Sogin, M.; Lee, J. S.; Stevens, R.; Stingl, U.; Suzuki, K.; Taylor, D.; Tiedje, J. M.; Tindall, B. J.; Wagner, M.; Weinstock, G.; White, O.; Whitman, W. B.; Zhang, L.; Genomic Standards Consortium; Field, D.; Garrity, G. M. & Klenk, H.-P.: The Microbial Earth Project.
14. *Larti, B.; Agh, N. & Sari, A.: Role of salinity in adaptation to the polyhyaline and hypersaline waters of the Urmia Lake in two populations of *Artemia*.
15. *Seidel, R.; Hoffmann, J. & Lüter, C.: A comparative histology of larval brooding in Thecideoidea.
16. Shams Shoaei, Z. & Sari, A.: The comparative study of cuticular micro-structures in amphipoda by using scanning electron microscopy (SEM).
17. *Shevtsova, E.: The iWing concept – Complex function of Simple form.
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25. Barnaveli, N.: Morphological-geographical analyses of the species of the genus *Rosa* L. (Rosaceae) of the flora of Georgia.
26. Bieniek, W.: Geographical patterns of genetic and morphological diversity of *Hordeum murinum* L. (Poaceae, Triticeae) in Central Europe.
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