



# José Antonio Bonet

## Professor Agregat

### Datos personales



Descargar imagen

**Categoría:** Professor Agregat

**Área de conocimiento:** Silvicultura

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### Formación Académica

- Enginyer de Forest, Universitat de Lleida (UdL), 1996
- Doctorat, UdL, 2001
- MBA, EADA, 2007

### Experiencia Profesional

- 2017—Professor agregat Serra-Hunter
- 2013-2017 Professor agregat interí
- 2009-2013 ;Professor Lector, UdL
- 2003-2009, Professor associat, UdL
- 2001 - 2009, Director de Recerca, CTFC
- 1998-2001, Investigador Centre Tecnològic Forestal de Catalunya (CTFC)



## Investigación

- Sanitat forestal.
- Micologia forestal.
- Silvicultura
- Bioenergia
- Espais Naturals protegits

## Docencia

- REPOBLACIÓ FORESTAL Grau en Enginyeria Forestal
- EFICIÈNCIA ENERGÈTICA I ENERGIES RENOVABLES Grau en Enginyeria Agronòmica
- ENERGIES RENOVABLES EN EL MEDI FORESTAL Màster Universitari en Enginyeria de Forests
- PLANIFICACIÓ I GESTIÓ D'ESPAYS NATURALS PROTEGITS Màster Universitari en Enginyeria de Forests
- INDÚSTRIES DE PRODUCTES FORESTALS NO FUSTANERS Màster Universitari en Enginyeria de Forests
- POLÍTICA AMBIENTAL Màster Universitari en Enginyeria de Forests
- MEDITERRANEAN FOREST MANAGEMENT Màster in Mediterranean Forestry (MEDFOR) MUNDUS
- TRENDS OF FORESTRY IN A GLOBAL CHANGE CONTEXT Màster in Mediterranean Forestry (MEDFOR) MUNDUS
- FORESTRY SECTOR IN CATALONIA Màster in Mediterranean Forestry (MEDFOR) MUNDUS
- FORESTRY FIRES IN NE SPAIN Màster in Mediterranean Forestry (MEDFOR) MUNDUS

## Publicaciones Recientes

FRANCO-MANCHÓN, I.; SALO, K.; ORIA-DE-RUEDA, J.A.; **BONET, J.A.**; MARTÍN-PINTO, P. 2019 "Are wildfires a threat to Fungi in European Pinus Forests?. A case study of Boreal and Mediterranean Forests?. Forests, 10, 309, doi:10.3390/f10040309.

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COLLADO, E.; CAMARERO, J.J.; MARTÍNEZ DE ARAGÓN, J.; PAMAN, J.; BONET, J.A.; de-MIGUEL, S. 2018. "Linking fungal dynamics, tree growth and forest management in a Mediterranean pine ecosystem". Forest, Ecology and Management, 422: 223-232.

ROCES-DIAZ, J.; VAYREDA, J.; BANQUÉ-CASANOVAS, M.; CUSÓ, M.; ANTÓN, M.; **BONET, J.A.**; BROTONS, L.; DE CÁCERES, M.; HERRANDO, S.; MARTÍNEZ DE ARAGÓN, J.; de-MIGUEL, S.; MARTÍNEZ-VILALTA, J. 2018. "Assessing the distribution of forest ecosystem services in a highly populated Mediterranean region". Ecological indicators, 93: 986-997.



- CASTAÑO, C.; ALDAY, J.G.; LINDAHL, B.D.; MARTÍNEZ DE ARAGÓN, J.; de-MIGUEL, S.; COLINAS, C.; PARLADÉ, J.; PERA, J.; **BONET, J.A.** 2018. "Lack of thinning effects over inter-annual changes in soil fungal community and diversity in a Mediterranean pine forest". *Forest, Ecology and Management*, 424: 420-427 DOI: 10.1111/nph.15205.
- ROCES-DIAZ, J.; VAYREDA, J.; BANQUÉ-CASANOVAS, M.; DIAZ-VARELA, E.; **BONET, J.A.**; BROTONS, L.; de-MIGUEL, S.; HERRANDO, S.; MARTÍNEZ-VILALTA, J. 2018. "The spatial level of analysis affects the patterns of forest ecosystem services supply and their relationships". *Science of the Total Environment* 626C (2018) pp. 1270-1283.
- KARAVANI, A.; DE CÁCERES, M.; MARTÍNEZ DE ARAGÓN, J.; **BONET, J.A.**; DE-MIGUEL, S. 2018. "Effect of climatic and soil moisture conditions on mushroom productivity and related ecosystem services in Mediterranean pine stands facing climate change". *Agriculture and Forest Meteorology*, 248: 432-440. DOI:10.1016/j.agrformet.2017.10.024.
- CASTAÑO, C.; ALDAY, J.G.; PARLADÉ, J.; PERA, J.; MARTÍNEZ DE ARAGÓN, J.; **BONET, J.A.** 2017. "Seasonal dynamics of the ectomycorrhizal fungus *Lactarius vinosus* are altered by changes in soil moisture and temperature". *Soil Biology and Biochemistry*, 115: 253-260. DOI:10.1016/j.soilbio.2017.08.021.
- TOMAO, A.; **BONET, J.A.**; MARTÍNEZ DE ARAGÓN, J.; De-MIGUEL, S. 2017. "Is silviculture able to enhance wild forest mushroom resources? Current knowledge and future perspectives". *Forest, Ecology and Management*, 402: 102-114 (DOI: 10.1016/j.foreco.2017.07.039).
- SOLER, M.; **BONET, J.A.**; MARTÍNEZ DE ARAGÓN, J.; VOLTAS, J.; COLL, L.; RESCO DE DIOS, V. 2017. "Crown bulk density and fuel moisture dynamics in *Pinus pinaster* stands are neither modified by thinning nor captured by the Forest Fire Weather Index". *Annals of Forest Science*. DOI:10.1007/s13595-017-0650-1.
- CASTAÑO, C.; OLIVA, J.; MARTÍNEZ DE ARAGÓN, J.; ALDAY, J.; PARLADÉ, J.; PERA, J.; **BONET, J.A.** 2017. "Mushroom Emergence Detected by Combining Spore Trapping with Molecular Techniques". *Applied and Environmental Microbiology*. DOI: 10.1128/AEM.00600-17.
- ALDAY, J.G.; MARTÍNEZ DE ARAGÓN, J.; DE-MIGUEL, S.; **BONET, J.A.** 2017. "Mushroom biomass and diversity are driven by different spatio-temporal scales along Mediterranean elevation gradients". *Scientific Reports*, 7, 45824; doi: 10.1038/srep45824.
- GÓRRIZ-MIFSUD, E.; GOVIGLI, V.M.; **BONET, J.A.** 2017. "What to do with mushroom pickers in my forest?. Policy tools from landowners' perspective". *Land Use Policy*, 63: 450-460.
- ALDAY, J.G.; **BONET, J.A.**; ORIA-DE-RUEDA, J.A.; MARTÍNEZ-DE-ARAGÓN, J.; ALDEA, J.; MARTÍN-PINTO, P.; DE-MIGUEL, S.; HERNÁNDEZ-RODRÍGUEZ, M.; MARTÍNEZ-PEÑA, F. 2017. "Record breaking mushroom yields in Spain". *Fungal Ecology*. DOI:10.1016/j.funeco.2017.01.004.
- GÓRRIZ-MIFSUD, E.; SECCO, L. ; DA RE, R.; PISSANI, E.; **BONET, J.A.** 2017. "Structural social capital and local-level forest governance: do they inter-relate?. A mushroom permit case in Catalonia". *Journal of Environmental Management*, 188: 364-378.
- PROKOFIEVA, I.; GÓRRIZ-MIFSUD, E.; **BONET, J.A.**; MARTÍNEZ DE ARAGÓN, J. 2017. "Viability of introducing payments for the collection of wild forest mushrooms in Catalonia (North-East Spain)". *Small Scale Forestry*, 16(2): 147-167. DOI: 10.1007/s11842-016-9348-8.



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PRIMICIA, I.; CAMARERO, J.J.; MARTINEZ DE ARAGÓN, J.; DE-MIGUEL, S.; **BONET, J.A.** 2016. “Linkages between climate, seasonal Wood formation and mycorrhizal mushroom yields”. Agricultural and Forest Meteorology, 228 (2016): 339-348.

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LIU, B.; FISCHER, C.R.; **BONET, J.A.**; CASTAÑO, C.; COLINAS, C. 2016. “Shifts in soil fungal communities in Tuber melanosporum plantations over a 20-year transition from agriculture fields to oak woodlands”. Forest Systems, 25 (1). DOI: 10.5424/FS/2016251-08353.

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OLIVERA A., FISCHER C.R., **BONET J.A.**, MARTINEZ DE ARAGON J., OLIACH D., COLINAS C. 2011. Weed management and irrigation are key treatments in emerging black trufe (Tuber melanosporum) cultivation. New Forests 42 (2) 227-239

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BLANCO E., **BONET J.A.**, EIZAGUIRRE M. 2009. Uso de imágenes satélite Landsat para la detección de rodales de Pinus nigra Arn. y Pinus sylvestris L. afectados por escolítidos. Investigacion Agraria-Sistemas y Recursos Forestales 18:264-275.



**BONET J.A.**, OLIACH D., FISCHER C., OLIVERA A., MARTÍNEZ DE ARAGÓN J., COLINAS C. 2009. Cultivation methods of the black truffle, the most profitable Mediterranean non-wood forest product: A state of Art Review. Pp. 57-71. En: Modelling, Valuing and Managing Mediterranean Forest Ecosystems for non-Timber Goods and Services (Palahí, M., Birto, Y., Bravo, E., Gorriç, E., eds.). EFI Proceedings 57. ISSN 1237-8801, ISBN 978-952-5453-27-0

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COLINAS C., CAPDEVILA J.M., OLIACH D., FISHER C.R., **BONET J.A.** 2007. Mapa d'aptitud per al cultiu de la tòfona negra (Tuber melanosporum Vitt.) a Catalunya. Centre Tecnològic Forestal de Catalunya. 134 pp.

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*Per més informació (Consultes GREC [ <http://webgrec.udl.cat/cgi-bin/DADREC/crgen.cgi?FONT=3&IDI=CAT&PID=367567&IDNC=201210161350170> ])*