

## Publications

### Publications in peer reviewed journals

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- Tebbich, S., Stankewitz, S., Teschke, I. *in press* Investigating the relationship between feeding ecology, flexibility and neophobia in two species of Darwin's finches, **Ethology**
- Tebbich, S., Teschke, I., Cartmill, E. Stankewitz, S. *in press*. Use of a barbed tool by an adult and a juvenile woodpecker finch (*Cactospiza pallida*) **Behavioural Processes**
- Dvorak, M., Fessl, B., Nemeth, E., Kleindorfer, S., Tebbich, S. *in press* Distribution and abundance of Darwin's finches and other land birds on Santa Cruz Island, Galápagos: evidence for declining populations. **Oryx**
- Teschke, I., Cartmill, E., Stankewitz, S., Tebbich, S. 2011 Sometimes Tool-use is Not the Key: No Evidence for Cognitive Adaptive Specializations in Tool-using Woodpecker Finches. **Animal Behaviour** 82: 945-956
- Teschke, I., Tebbich, S. 2011 Physical cognition and tool-use: performance of Darwin's finches in the two-trap tube task. **Animal Cognition** 14: 555-563
- Fessl, B., Loaiza, A.D., Tebbich, S., Young G.H. 2010 Feeding and nesting requirements of the critically endangered Mangrove Finch (*Camarhynchus heliobates*). **Journal of Ornithology** online. Doi: 10.1007/s10336-010-0610-0
- Fessl, B., Young G. H., Young R. P., Rodríguez-Matamoros, J., Dvorak, M., Tebbich, S., Fa, J. E: 2010 How to save the rarest Darwin's finch from extinction: the mangrove finch on Isabela Island. **Philosophical Transaction of the Royal Society B** April 12, 365:1019-1030; doi:10.1098/rstb.2009.0288
- Tebbich, S., Sterelny, K., Teschke, I. 2010 The tale of the finch: adaptive radiation and behavioural flexibility. **Philosophical Transaction of the Royal Society B** April 12, 365:1099-1109; doi:10.1098/rstb.2009.0291
- Tebbich, S., Fessl, B., Blomqvist, D. 2009 Exploration and ecology in Darwin's finches. **Evolutionary Ecology**. Vol.23: p.591-605
- Tebbich, S. Seed, A., Emery, N. & Clayton, N. 2007 Non-tool-using rooks (*Corvus frugilegus*) solve the trap-tube task. **Animal Cognition** 10 (2): 225-231.

- Seed, A. Tebbich, S. Emery, N & Clayton. 2006. Investigating physical cognition in rooks. *Current Biology* 16: 697-701.
- Fessler, B., Kleindorfer, S. & Tebbich S. 2006. An experimental study on the effects of an introduced parasite in Darwin's finches. ***Biological Conservation*** 127 (1): 55-61.
- Dvorak, M., Tebbich, S., Vargas, H. & Fessler, B. 2004. On the verge of extinction: a survey of the mangrove finch *Cactospiza heliobates* and its habitat on the Galapagos Islands. ***Oryx*** 38 (2): 1-9.
- Tebbich, S., Bshary, R. 2004. Cognitive abilities related to tool use in the woodpecker finch *Cactospiza pallida*. ***Animal Behaviour*** 67: 689-697.
- Tebbich, S., Taborsky, M., Fessler, B., Dvorak, M & H. Winkler 2004. Feeding behavior of four arboreal Darwin's Finches; adaptations to spatial and seasonal variability. ***The Condor*** 106: 95-106.
- Tebbich, S., Bshary R. & Grutter A.S. 2002. Cleaner fish *Labroides dimidiatus* recognise familiar clients. ***Animal Cognition*** 5: 139-145.
- Tebbich, S., Taborsky, M., Fessler, B. 2002. The ecology of tool-use in the woodpecker finch *Cactospiza pallida*. ***Ecology Letters*** 5: 656-664.
- Fessler, B. & Tebbich, S. 2002. *Philornis downsi*- a newly discovered parasite on the Galapagos archipelago - a threat for Darwin Finches? ***Ibis*** 144: 445-451.
- Fessler, B., Couri, M. & Tebbich, S. 2001. *Philornis downsi* (Dodge & Aitken) new for the Galapagos Islands (Diptera, Muscidae). ***Studia dipterologica*** 8: 317-322
- Tebbich, S., Taborsky, M., Fessler, B. & Blomqvist D. 2001. Do woodpecker finches acquire tool-use by social learning? ***Proceedings of the Royal Society*** 268: 2189-2193.
- Wikelski, M., Carbone, C., Bednekoff, P., Choudhury, S. & Tebbich, S. 2001. Why female choice is not unanimous: Insights from costly mate sampling in marine iguanas. ***Ethology*** 107: 623-638
- Gamauf, A. & Tebbich, S. 1996. Re-discovery of the Isabella Oriole (*Oriolus isabellae*). ***Forktail*** 11: 170-171
- Tebbich, S.; Taborsky, M. & Winkler, H. 1996. Social manipulation causes cooperation in keas *Nestor notabilis*. ***Animal Behaviour***. 52: 1-10
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## **Publications (not peer reviewed)**

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Fessl, B., Vargas, H., Carrion, V., Young, S., Deem, S., Rodriguez-Matamoros, J., Atkinson, R., Grenier, C., Carvajal, O., Cruz, F., Tebbich, S. & Young, H. G (Eds.) 2010. Galápagos Mangrove Finch *Camarhynchus heliobates* Recovery Plan 2010-2015, Durrell Wildlife Conservation Trust, Charles Darwin Foundation, Galápagos National Park Service 22.

Tebich, S. 2002 Ökologische Intelligenz: Werkzeuggebrauch beim Spechtfinken (*Cactospiza pallida*). Jahrbuch der Max-Planck Gesellschaft: 263-268.

Dvorak, M., Nemeth, E., Tebbich, S., Rössler, M. & Busse, K. 1997. Verbreitung, Bestand und Habitatwahl schilfbewohnender Vogelarten in der Naturzone des Nationalparks Neusiedlersee-Seewinkel. Biologisches Forschungsinstitut, Burgenland - Bericht 86.

## **Book reviews**

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Tebich, S. 2000. Diamond, J. & Bond, A. B, 1998: Kea, Bird of Paradox: The Evolution and Behaviour of a New Zealand Parrot. *Ethology* 106, p 283

## **Book chapters**

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Seed A, Clayton, N., Carruthers, P., Dickinson, A., Glimcher, P.W., Güntürkün, O., Hampton, R.R., Kacelnik, A., Shanahan, M., Stevens, J.R., Tebbich, S. *in press*. Planning, Memory and Decision making. In: Strüngmann Report: Animal Thinking Contemporary Issues in Comparative Cognition (eds. Menzel R. & J. Fischer) MIT Press

Tebich S, Teschke I. *in press*. Why do woodpecker finches use tools? In: Tool- use in Animals: Cognition and Ecology (eds. Boesh, Sanz & Call) Cambridge University Press

DeKort S., Tebbich, S. N. Emmery, J. Dally & N. Clayton: 2006 The comparative cognition of caching. In: Comparative Cognition: Experimental explorations of animal intelligence (eds. Wasserman & Zentall). Oxford University Press.

## **Manuscripts in preparation**

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Tebich, S, Teschke, I. Stankewitz, S. *in prep*. Are woodpecker finches from an unpredictable environment more flexible?

Sabine Tebbich: Publications

Tebbich, S., Meidl, P., Nemeth, E., Zöttl, M., Iverson, E., Jiménez, A., Cunninghame, F. *in prep.* The impact of *Philornis downsi* on the breeding success of two Darwin's finch species