

Supplementary Materials

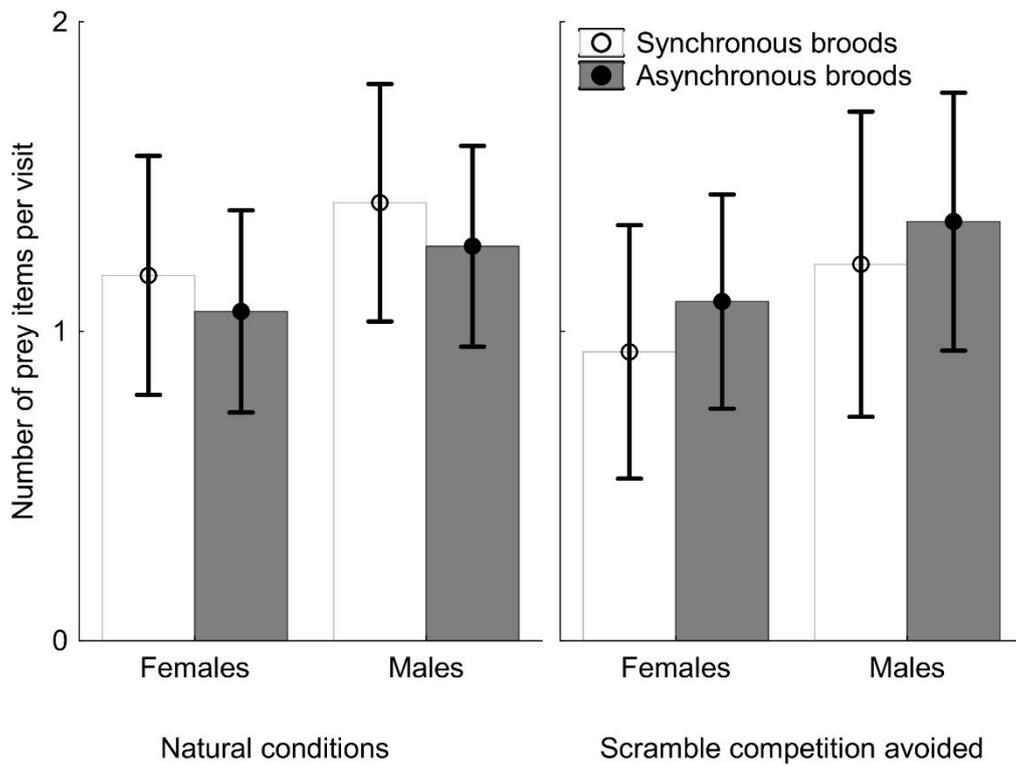
Supplementary Table S1: Summary of the Repeated Measure ANOVA explaining the effects of the experimental manipulation on the number of items per nest feeding visit by female and male parents. Experimental asynchrony was used as between effects and experimental scramble competition and sex within effects. Effects associated with p-values < 0.05 are highlighted in bold fonts.

	MS effects	MS error	<i>F</i>	<i>df</i>	P
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Between effects					
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Asynchrony (1)	0.01	0.73	0.01	1,22	0.952
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Within effects					
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Scramble competition (2)	0.16	0.25	6.70	1,22	0.431
(2) * (Asynchrony)	0.45	0.25	1.79	1,22	0.195
Sex (3)	1.42	0.43	3.30	1,22	0.083
(3) * (Asynchrony)	0.01	0.43	0.01	1,22	0.928
Scramble competition * Sex	0.01	0.23	0.06	1,22	0.811
(2) * (3) * (Asynchrony)	0.00	0.23	0.00	1,22	0.999
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Supplementary Table S2: Summary of the Repeated Measure ANOVA explaining the effects of the experimental manipulation on the number of feeding visits per hour carried to the nest by parents. Experimental asynchrony was used as between effects and experimental scramble competition and sex within effects. Effects associated with p-values < 0.05 are highlighted in bold fonts.

	MS effects	MS error	<i>F</i>	<i>df</i>	P
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Between effects					
Asynchrony (1)	13.26	4.08	3.25	1,22	0.085
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Within effects					
Scramble competition (2)	11.60	1.74	6.70	1,22	0.017
(2) * (Asynchrony)	8.22	1.74	4.73	1,22	0.041
Sex (3)	11.82	4.73	2.50	1,22	0.128
(3) * (Asynchrony)	55.63	4.73	11.77	1,22	0.002
Scramble competition * Sex	7.63	1.39	5.50	1,22	0.028
(2) * (3) * (Asynchrony)	0.07	1.39	0.05	1,22	0.820

Supplementary Figure S1: Number of prey items per nest feeding visit performed by parents (males vs. females) in synchronous and asynchronous broods. Data for natural and scramble-competition conditions are shown separately. Values are presented as mean \pm CI 90%.



Supplementary Figure S2: Number of feeding visits per hour carried to the nest by parents (males vs. females) in synchronous and asynchronous broods. Data for natural and scramble-competition conditions are shown separately. Values are presented as mean \pm CI 90%.

