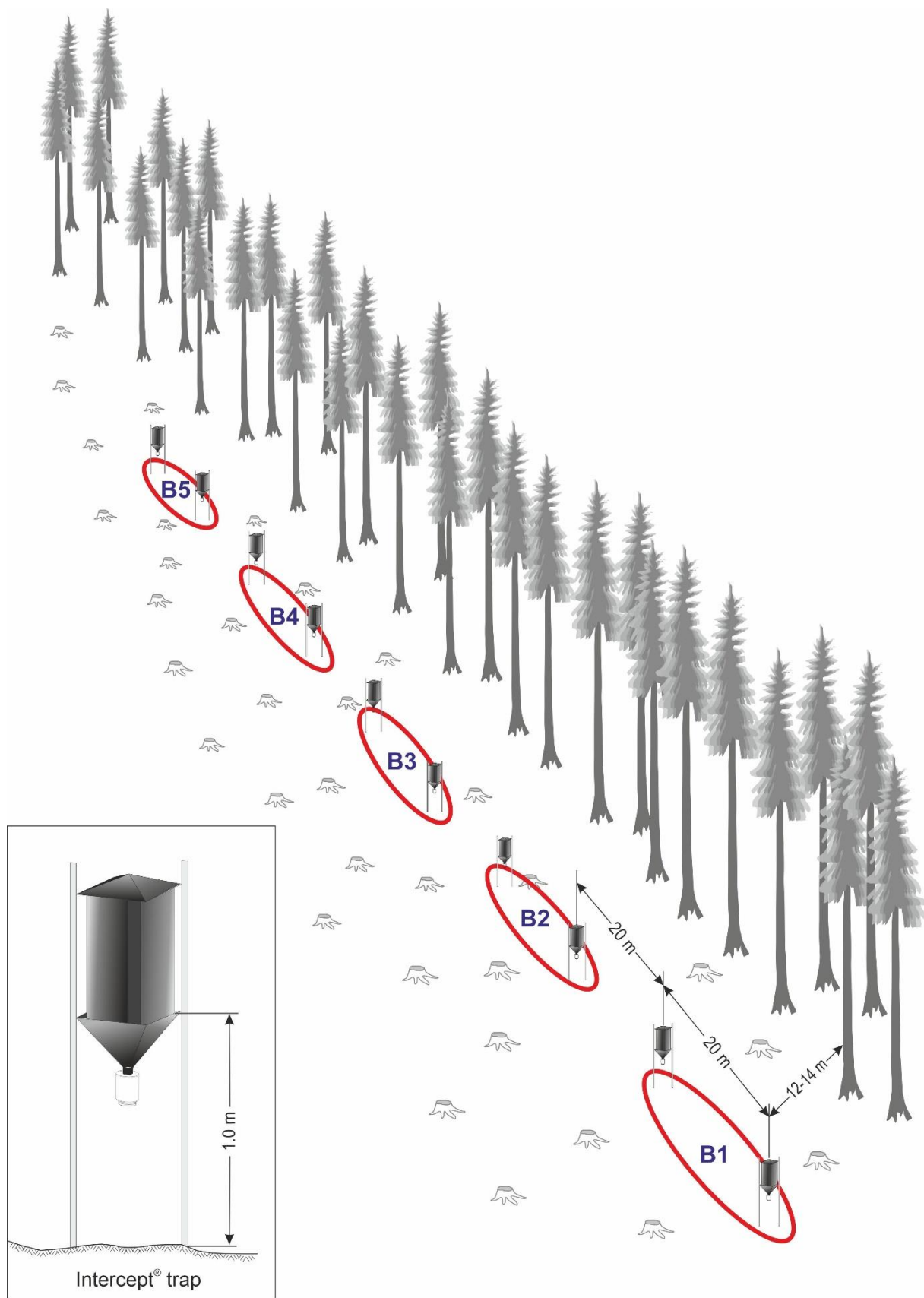


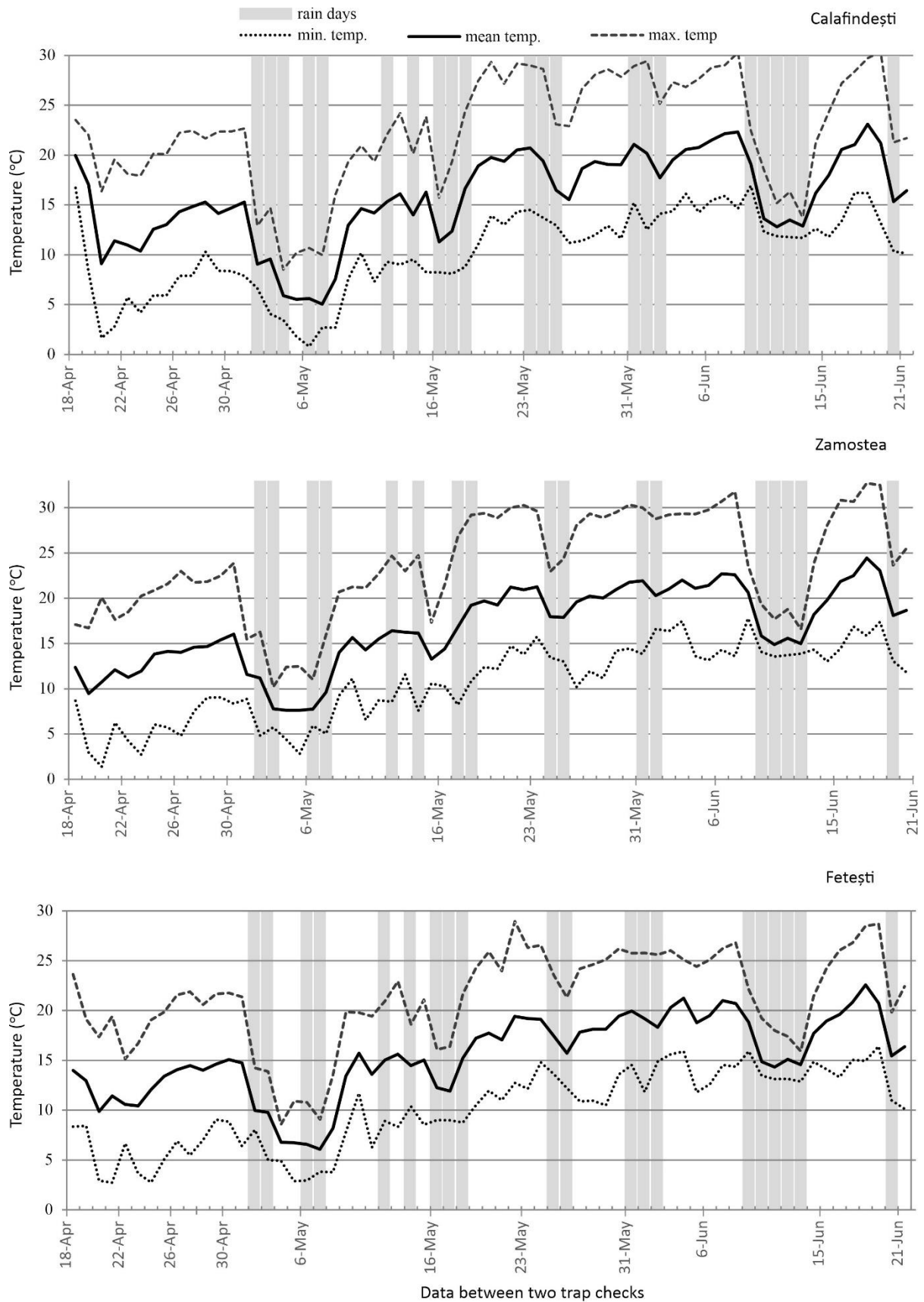
## Supplementary material

### Efficiency and sustainability of *Ips duplicatus* (Coleoptera: Curculionidae) pheromone dispensers with different designs

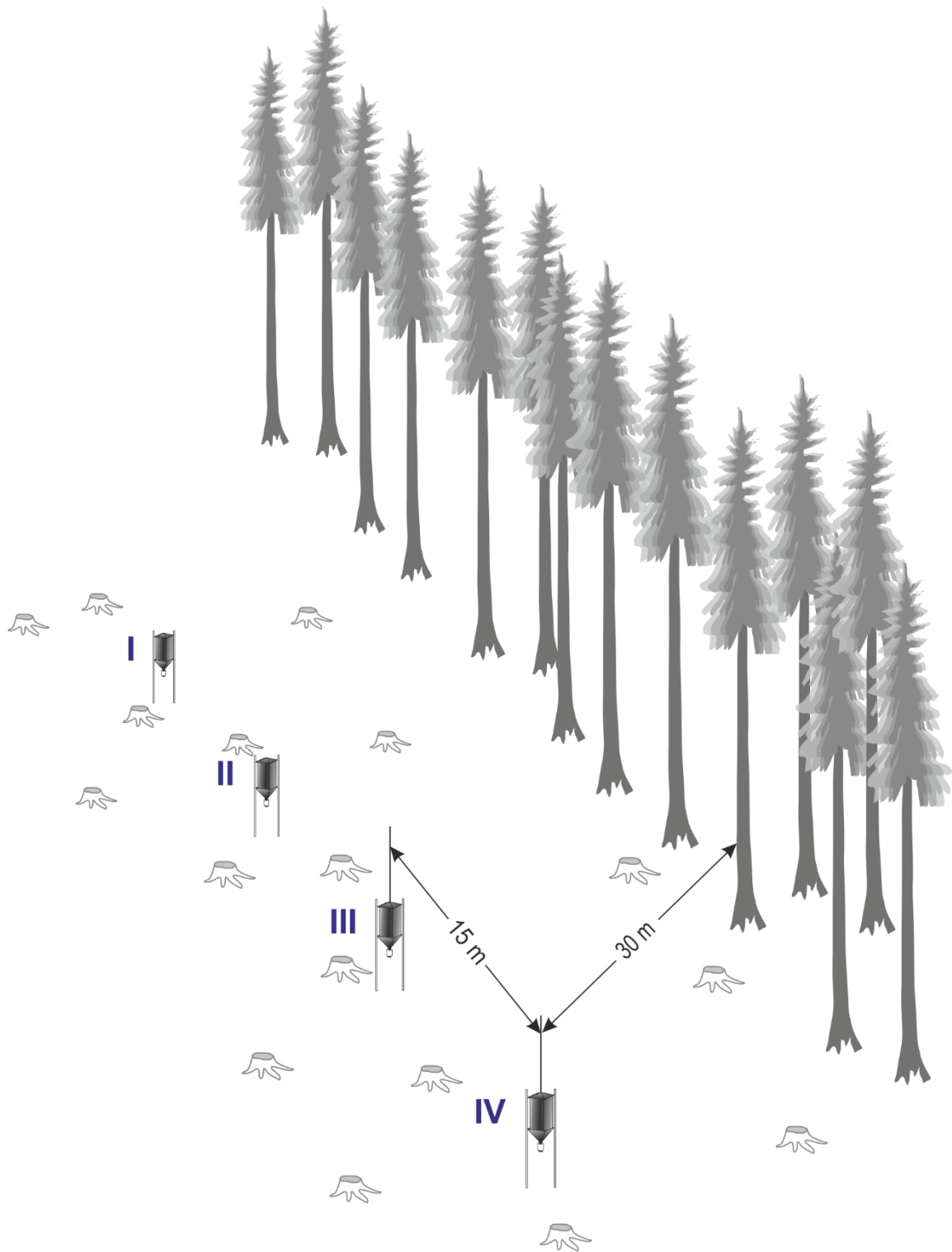
Mihai-Leonard Duduman<sup>1,2</sup>, Kateřina Beránková<sup>3</sup>, Rastislav Jakuš<sup>3,4</sup>, Jaromír Hradecký<sup>3</sup>, Anna Jirošová<sup>3\*</sup>



**Figure S1.** Layout of experimental blocks for field experiments conducted in 2011- Romania.



**Figure S2.** Minimum, average and maximum daily temperatures as well as rainy days recorded during the field experiments developed in 2011 – Romania.



**Figure S3.** Layout of field experiment conducted in the Czech Republic in 2017

**Table S1.** Field experiment in 2017 in the Czech Republic. Randomisation scheme of tested dispensers in pheromone traps

Repetition	Date 2017	Trap position/ Lure label			
		I	II	III	IV
<b>1</b>	10.7.	A	B	C	D
<b>2</b>	15.7.	B	A	D	C
<b>3</b>	19.7.	C	D	A	B
<b>4</b>	22.7.	D	C	B	A
<b>5</b>	26.7.	B	A	D	C
<b>6</b>	1.8.	A	B	C	D
<b>7</b>	5.8	D	C	B	A
<b>8</b>	7.8.	C	D	A	B
<b>9</b>	10.8.	D	C	B	A
<b>10</b>	15.8.	C	D	A	B

Lure labels:

- A        Ecolur ID
- B        RO ID
- C        Pheagr IDU
- D        Blank/Empty trap