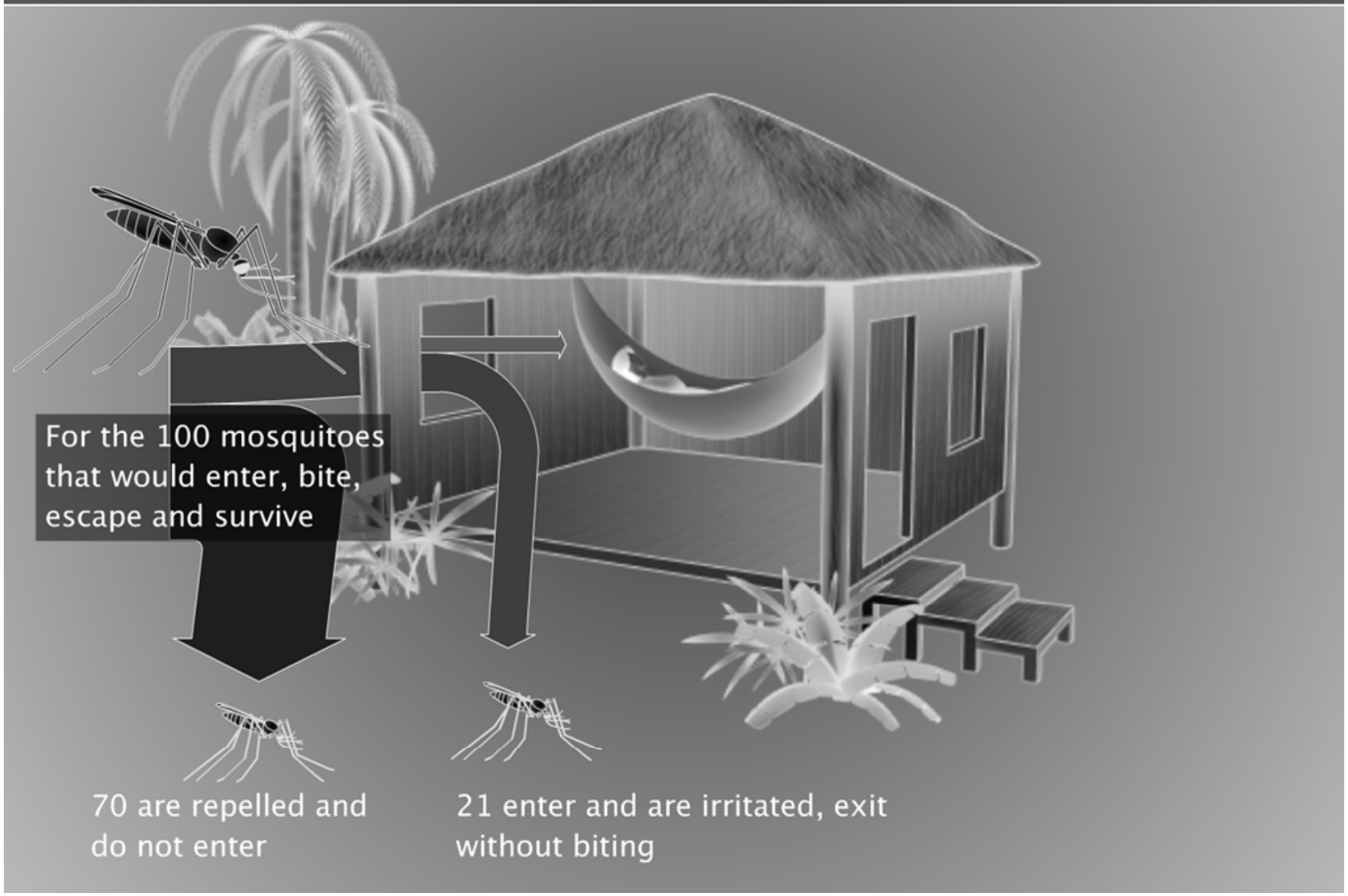
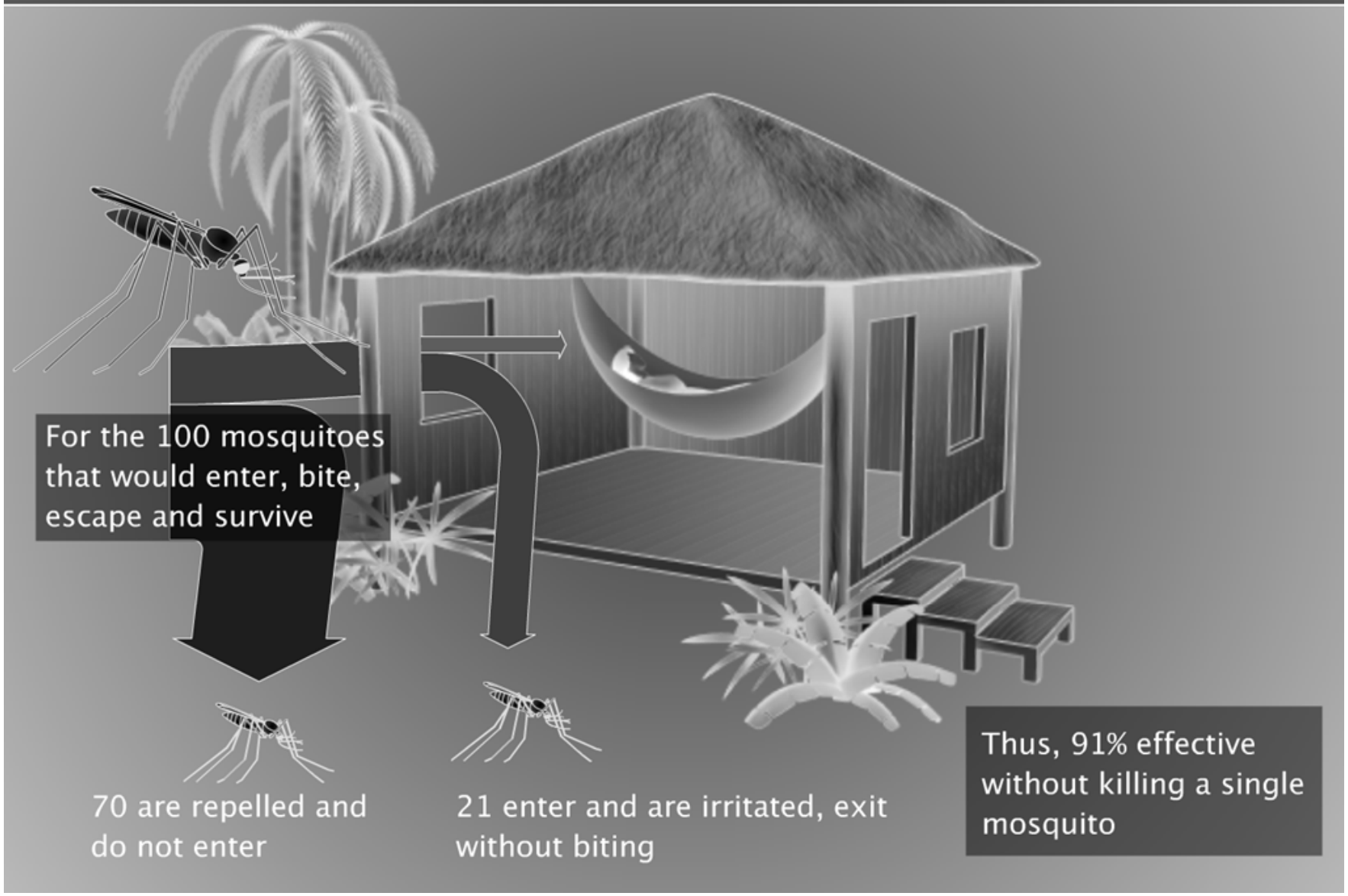
if house were sprayed with chemical that is 70% effective for each: repellent, irritant and toxic actions...



if house were sprayed with chemical that is 70% effective for each: repellent, irritant and toxic actions...



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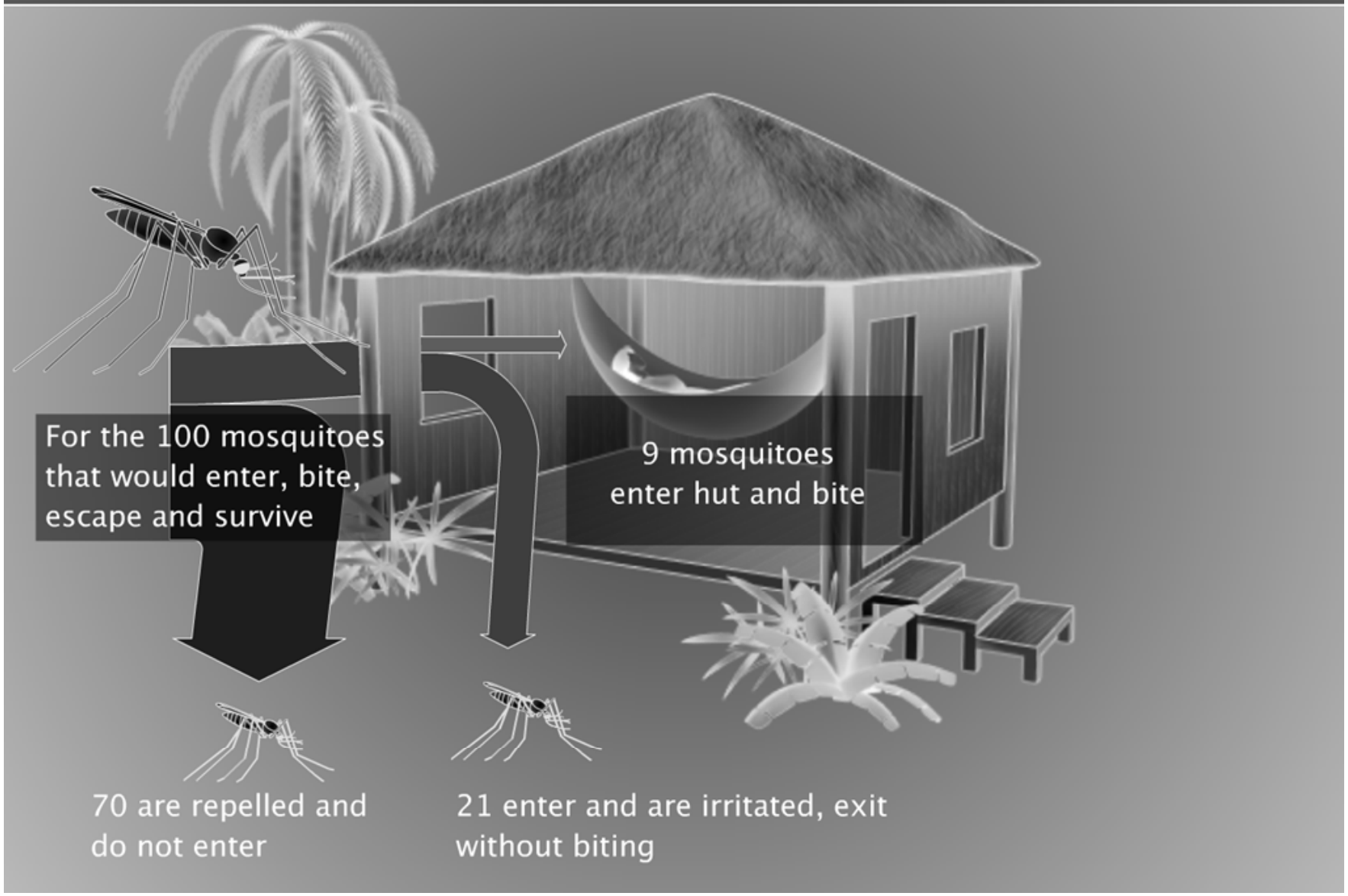

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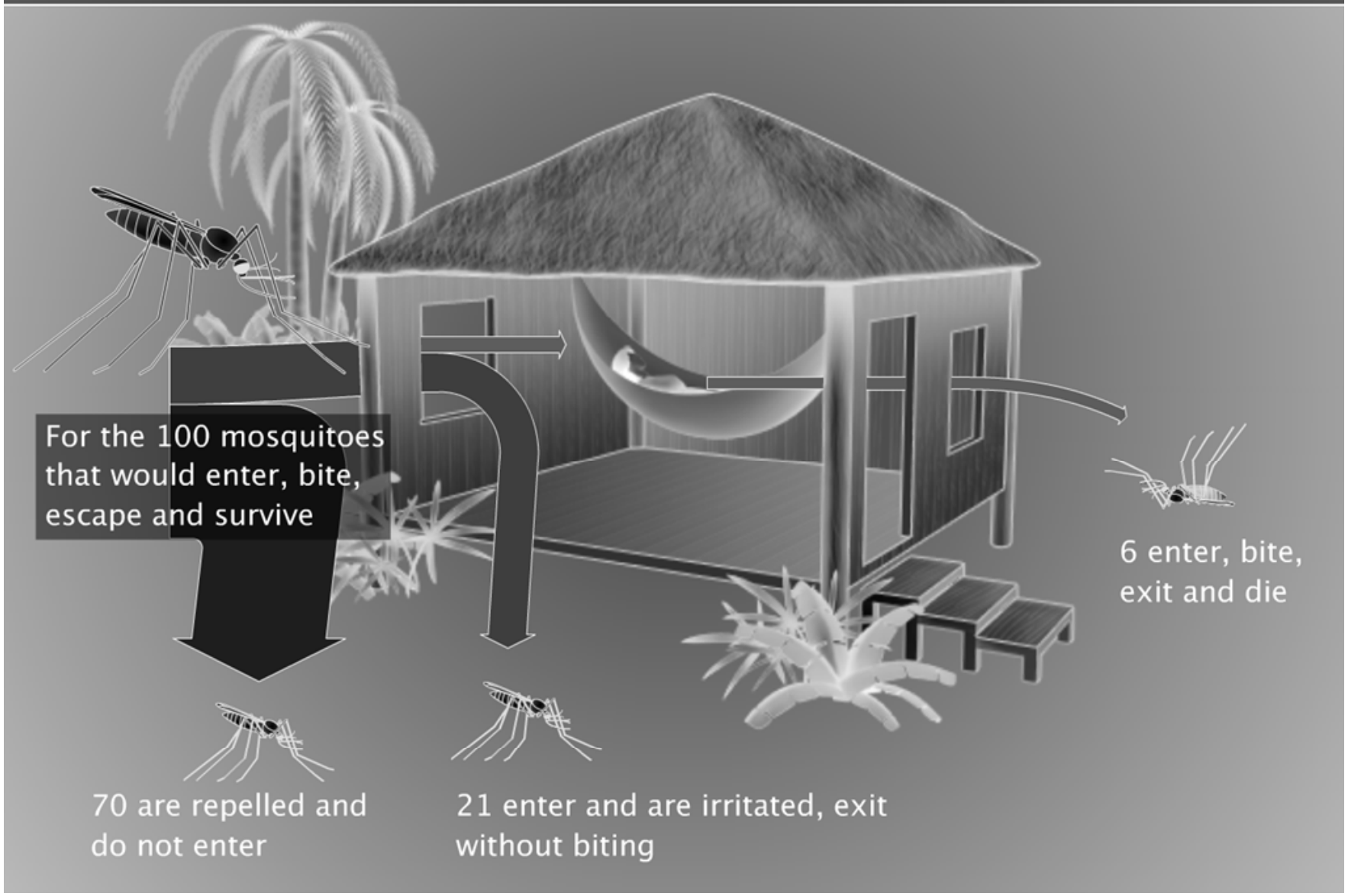

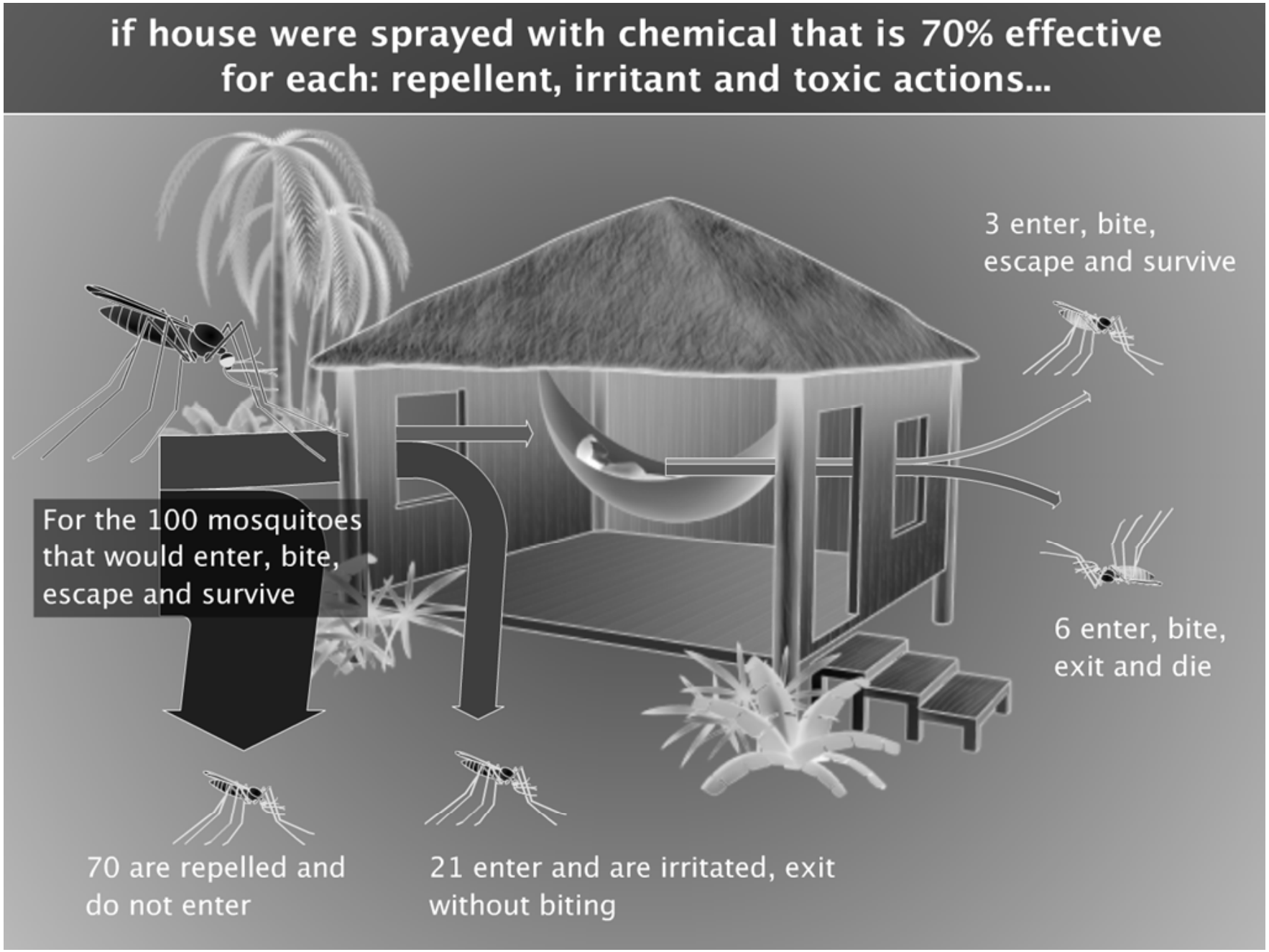
if house were sprayed with chemical that is 70% effective for each: repellent, irritant and toxic actions...
3 enter, bite, escape and survive
For the 100 mosquitoes that would enter, bite, escape and survive
6 enter, bite, exit and die
70 are repelled and do not enter
21 enter and are irritated, exit without biting

Malaria control does not necessarily equate to mosquito control and mosquito control does not necessarily equate to malaria control

Characterization of control methods

- Direct methods of malaria control—techniques to exclude mosquitoes from houses.
- Direct methods of mosquito control--techniques directed against mosquitoes in broader environment (away from houses).

Pressing Problems for the future of malaria control

Freedom to use our public health insecticides is under attack:

DDT

Pyrethroids

OPs

Carbamates