Claims

1. A method of stopping a larva of *Pteriomorphia* in a settlement stage from swimming or crawling in water, comprising the step of:

irradiating light in a wavelength range including 400 to 550 nm to the larva in the settlement stage.

2. A method of stopping a larva of *Pteriomorphia* in a settlement stage from swimming or crawling in water, comprising the step of:

irradiating light in a wavelength range including 400 to 440 nm to the larva in the settlement stage.

3. The method according to Claim 1 or 2, wherein the light comprises a part of the visible spectrum and does not comprise the entire visible spectrum.

4. The method according to any one of Claims 1 to 3, wherein the light is not a laser beam.

5. The method according to any one of Claims 1 to 4, wherein the water is seawater.

6. The method according to any one of Claims 1 to 5, wherein the sessile invertebrate is a mussel or an oyster.

7. The method according to any one of Claims 1 to 6, wherein the larva in the settlement stage is a pediveliger or a plantigrade of *Mytilus galloprovincialis* or *Perna viridis*.

Claims:

1. A method of stopping a larva of *Pteriomorphia* in a settlement stage from swimming or crawling in water, comprising the step of:

irradiating light in a wavelength range including 400 to 550 nm to the larva in the settlement stage, wherein the light is not a laser beam.

2. A method of stopping a larva of *Pteriomorphia* in a settlement stage from swimming or crawling in water, comprising the step of:

irradiating light in a wavelength range including 400 to 440 nm to the larva in the settlement stage, wherein the light is not a laser beam.

3. The method according to Claim 1 or 2, wherein the light comprises a part of the visible spectrum and does not comprise the entire visible spectrum.

4. The method according to any one of Claims 1 to 3, wherein the water is seawater.

5. The method according to any one of Claims 1 to 4, wherein the sessile invertebrate is a mussel or an oyster.

6. The method according to any one of Claims 1 to 5, wherein the larva in the settlement stage is a pediveliger or a plantigrade of *Mytilus galloprovincialis* or *Perna viridis*.