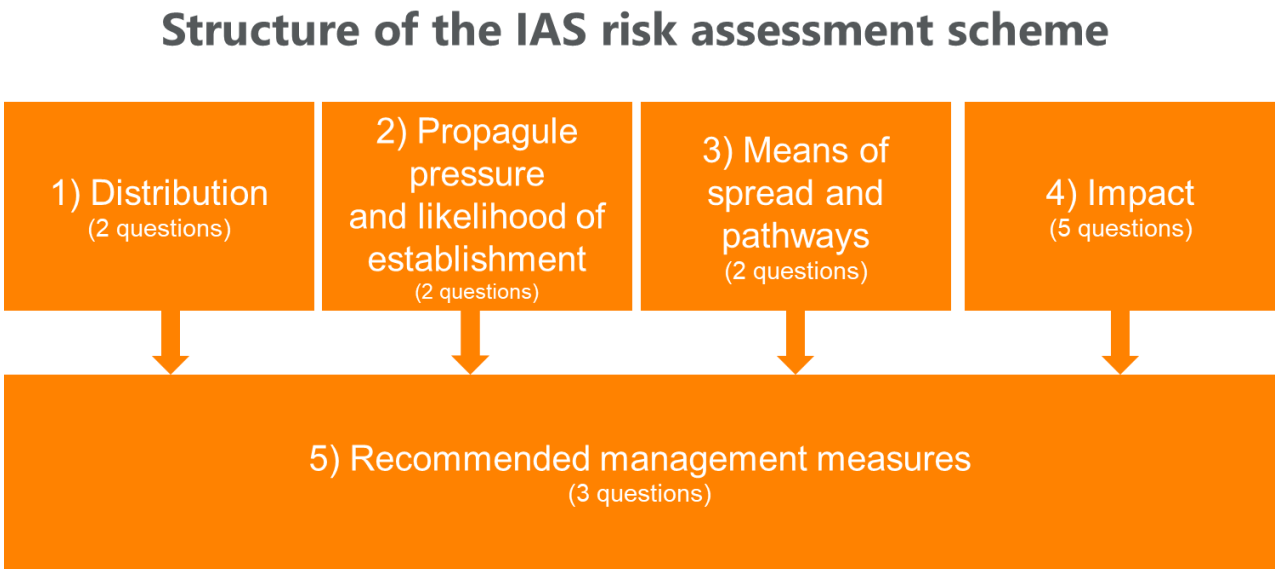
Supplement Figure S1. The structure of the risk assessment scheme.



1) Distribution

Distribution of species in Finland
1 = No observations from Finland
2 = Species is occasionally kept as a pet / a garden plant indoors or in garden
3 = Species is commonly kept as a pet / a garden plant indoors or in garden
4 = Species has occasionally been observed in the wild in Finland (during last 10 years)
5 = Species has regularly been observed in the wild in Finland (no reproducing population)
6 = Species has established in the wild in Finland (reproducing population)

Distribution of species in the neighbouring countries of Finland (Sweden, Norway, Estonia, Russia (near Finnish border) and Baltic Sea)
1 = No observations
2 = Species is occasionally kept as a pet / a garden plant indoors or in garden
3 = Species is commonly kept as a pet / a garden plant indoors or in garden
4 = Species has occasionally been observed in the wild
5 = Species has regularly been observed in the wild in Finland (no reproducing population)
6 = Species has established in the wild in Finland (reproducing population)

2) Propagule pressure and likelihood of establishment

Individuals of species enter (i.e. before import prohibition of alien species legislation) to Finland
1 = No observations
2 = Occasionally
3 = Regularly

Species succeeds in Finnish climate conditions (potential for spread and reproduction)
1 = Low probability or not likely
2 = Moderate probability
3 = High probability
4 = Is known to succeed (verified)

3) Means of spread and spread pathways

Means of spread to the wild (principal)
0 = Not likely spread to Finland
A = Intentional spread by humans outside Finland
B = Unintentional spread by humans outside Finland
C = Natural spread from neighbouring countries
D = Intentional spread by humans within Finland
E = Unintentional spread by humans within Finland
F = Natural spread within Finland

Number of pathways
0 = No likely pathways
1 = One
2 = Many
3 = Not known

4) Impact

Risks of harmful impacts when species spread to Finland / within Finland

Has species found harmful in climate conditions comparable to Finland?
1 = No
2 = Locally
3 = Widely

Would species harm native species by predation, competition, spreading diseases/parasites, breeding or other way? (If native species is endangered, this is critical)
1 = No likely harm
2 = Minor probability
3 = Moderate probability
4 = Major probability
5 = Is known to harm (established species)

Would species harm natural habitats and/or ecosystems by chancing or destroying them or by affecting food chain?
1 = No likely harm
2 = Minor probability
3 = Moderate probability
4 = Major probability
5 = Is known to harm (established species)

Would species have economic or social harm for society?
1 = No likely harm
2 = Minor probability
3 = Moderate probability
4 = Major probability
5 = Is known to harm (established species)

Would species harm human health or security?
1 = No likely harm
2 = Minor probability
3 = Moderate probability
4 = Major probability
5 = Is known to harm (established species)

5) Management measures

Establishment status of species in Finland
A1 = Spreading and success very unlikely
B1 = Propagules of species do not spread regularly, establishment in the wild possible
B2 = Propagules of species spread regularly, establishment in the wild unlikely
B3 = Establishment of species possible
C1 = Established, but locally distributed
C2 = Established and widely distributed

Urgency of management measures
1 = Management not topical in Finland
2 = Monitoring situation
3 = Control at the early stage of invasion
4 = Immediate measures (established species)

Recommended primary management measures for species
1 = Monitoring distribution (outside Finland)
2 = Prevention of entry
3 = Prevention of escape into nature
4 = Prevention of establishment
5 = Prevention of further spread
6 = Management of areas with high biodiversity value
7 = Eradication
8 = No cost-effective eradication methods available