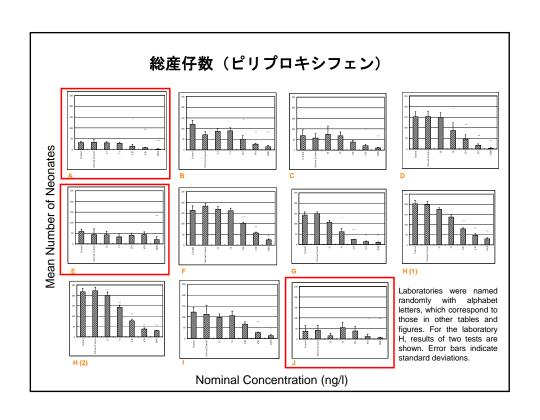
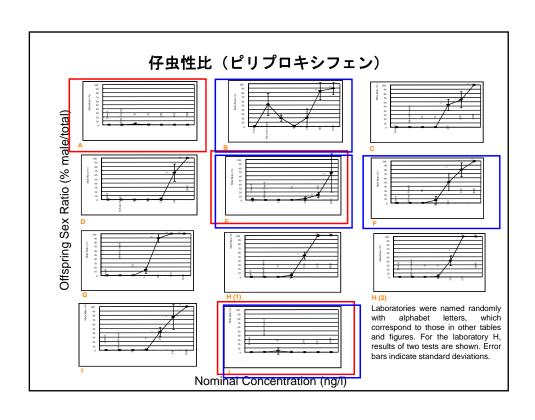


リングテスト参加研究機関

- 1. Finnish Environment Institute, Finland
- 2. French National Institute for Industrial Environment and Risks (INERIS), France
- 3. Laboratoire Ecotoxicité et Santé Environnementale (ESE) Equipe CNRS UMR, France
- 4. Aachen University, Germany
- 5. Bayer CropScience AG, Germany
- 6. Institute for Biological Analysis and Consulting (IBACON), Germany
- 7. UMWELTBUNDESAMT (UBA), Germany
- 8. Laboratory of Hydrobiology, Hungary
- 9. National Institute of Health, Italy
- 10. Agricultural Chemicals Inspection Station (ACIS), <u>Japan</u>
- 11. Kureha Special Laboratory, Co., Ltd., Japan
- 12. National Institute for Environmental Studies (NIES), <u>Japan</u>

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		Country	Pyripro	xyfen	3,5-DCP				
	Laboratory		Reproduction Data	Chemical Analysis	Reproduction Data	Chemical Analysis			
1	Finnish Environment Institute	Finland	х		х				
2	French National Institute for Industrial Environment and Risks	France	x	x	x	х			
3	Laboratoire Ecotoxicit et Sant Environmentale Equipe CNRS UMR	France		No Data	. Available				
4	Aachen University	Germany	х		x				
5	Bayer CropScience AG	Germany	x						
6	Institute for Biological Analysis and Consulting	Germany	x		x	Partially available			
7	UNWELTBUNDESAMT	Germany	x	x					
8	Laboratory of Hydrology	Hungary	x		х				
9	National Institute of Health	Italy	No Dat		Available				
10	Agricultural Chemicals Inspection Station	Japan	х		x	x			
11	Kureha Special Laboratory, Co., Ltd.	Japan	x	x	x	x			
12	National Institute for Environmental Studies	Japan	x	x	x	x			





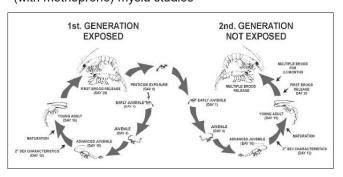
		20	05-	-20	07	牛	י מ	ノン	ワ	ァ	ス	トバ	5	水	沈					
	20	05						20	06								20	07		
Activity	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Ju
Send out invitation	x																			
Answer on invitation			х																	
Delivery of the NIES strain				x	x															
Delivery of ref substances					x	х														
Acclimatization of Daphnia					x	х														
Test (1 and 2)						х	х	х	х	X	X									
Sending data to NIES										х	x	x								
Data analysis by JANUS											х	х	x	x						
Report to OECD (VMG-eco)														х	x					
Write a report (1st draft)													х	х	x	х	x	x	x	Х

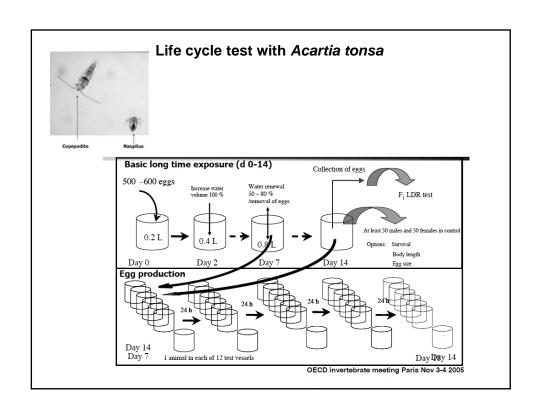
Overview of test substances and concentrations used in the (pre-)validation studies on invertebrates tests in OECD

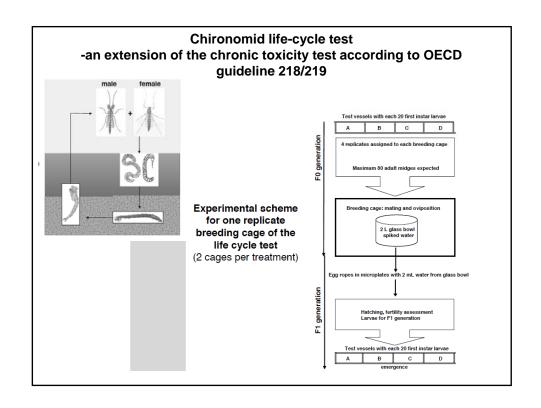
Substances	Copepod	Mysids	Daphnids	Chironomids
Fipronil		1.0, 2.5, 6, 16, 40µg/L		
Fenoxycarb		1.0, 2.5, 6, 16, 40µg/L	0.37, 1.1, 3.3, 10μg/L	
3,5-DCP	5.6, 18, 56, 180, 560µg/L	13, 32, 76, 200, 500µg/L	12, 37, 110, 330, 1000μg/L	
Pyriproxyfen			25, 74, 220, 670, 2000ng/L	0.2, 0.8, 4, 12, 40µg/L
3,4-DCA			10, 20, 40, 80µg/L	

Mysid two-generation toxicity test

 Past work- life cycle (with fipronil) and trans-generational (with methoprene) mysid studies







今後の予定

- 平成20年1月開催のOECD第六回VMG-ecoおよび同時開催の第4回無脊椎専門家会合
- OECDおよびEPA(米国環境保護庁)との研究協力におけるミジンコ多世代試験の検討および実施
- 日米二国間協力実務者会議(平成20年2月予 定)
- OECDへ提案中の他の無脊椎動物を用いた試験法との比較のためのデータ収集