

A journal of world insect systematics

# INSECTA MUNDI

---

---

1066

Additions to the knowledge of the Vietnamese  
tiger beetle species (Coleoptera: Cicindelidae)

Jürgen Wiesner

Am Zellberg 6  
D-38527 Meine, Germany

Christian Kerkering

Rotdornweg 15  
D-48282 Emsdetten, Germany

Miroslav Kliča

Nad kaplickou 16  
CZ-1000 Praha 10, Czech Republic

Date of issue: August 2, 2024

Center for Systematic Entomology, Inc., Gainesville, FL

**Wiesner J, Kerkering C, Klich M. 2024.** Additions to the knowledge of the Vietnamese tiger beetle species (Coleoptera: Cicindelidae). *Insecta Mundi* 1066: 1–15.

Published on August 2, 2024 by  
**Center for Systematic Entomology, Inc.**  
P.O. Box 141874  
Gainesville, FL 32614-1874 USA  
<http://centerforsystematicentomology.org/>

**INSECTA MUNDI** is a journal primarily devoted to insect systematics, but articles can be published on any non-marine arthropod. Topics considered for publication include systematics, taxonomy, nomenclature, checklists, faunal works, and natural history. *Insecta Mundi* will not consider works in the applied sciences (i.e. medical entomology, pest control research, etc.), and no longer publishes book reviews or editorials. *Insecta Mundi* publishes original research or discoveries in an inexpensive and timely manner, distributing them free via open access on the internet on the date of publication.

*Insecta Mundi* is referenced or abstracted by several sources, including the Zoological Record and CAB Abstracts. *Insecta Mundi* is published irregularly throughout the year, with completed manuscripts assigned an individual number. Manuscripts must be peer reviewed prior to submission, after which they are reviewed by the editorial board to ensure quality. One author of each submitted manuscript must be a current member of the Center for Systematic Entomology.

Guidelines and requirements for the preparation of manuscripts are available on the *Insecta Mundi* website at <http://centerforsystematicentomology.org/insectamundi/>

**Chief Editor:** David Plotkin, [insectamundi@gmail.com](mailto:insectamundi@gmail.com)  
**Assistant Editor:** Paul E. Skelley, [insectamundi@gmail.com](mailto:insectamundi@gmail.com)  
**Layout Editor:** Robert G. Forsyth  
**Editorial Board:** Davide Dal Pos, M. J. Paulsen, Felipe Soto-Adames  
**Founding Editors:** Ross H. Arnett, Jr., J. H. Frank, Virendra Gupta, John B. Heppner, Lionel A. Stange, Michael C. Thomas, Robert E. Woodruff  
**Review Editors:** Listed on the *Insecta Mundi* webpage

**Printed copies (ISSN 0749-6737) annually deposited in libraries**

Florida Department of Agriculture and Consumer Services, Gainesville, FL, USA  
The Natural History Museum, London, UK  
National Museum of Natural History, Smithsonian Institution, Washington, DC, USA  
Zoological Institute of Russian Academy of Sciences, Saint-Petersburg, Russia

**Electronic copies (online ISSN 1942-1354) in PDF format**

Archived digitally by Portico.  
Florida Virtual Campus: <http://purl.fcla.edu/fcla/insectamundi>  
University of Nebraska-Lincoln, Digital Commons: <http://digitalcommons.unl.edu/insectamundi/>  
Goethe-Universität, Frankfurt am Main: <http://nbn-resolving.de/urn/resolver.pl?urn:nbn:de:hebis:30:3-135240>

This is an open access article distributed under the terms of the Creative Commons, Attribution Non-Commercial License, which permits unrestricted non-commercial use, distribution, and reproduction in any medium, provided the original author(s) and source are credited.  
<https://creativecommons.org/licenses/by-nc/3.0/>

# Additions to the knowledge of the Vietnamese tiger beetle species (Coleoptera: Cicindelidae)

Jürgen Wiesner

Am Zellberg 6  
D-38527 Meine, Germany  
jürgen.wiesner@gmail.com

🌐 <https://orcid.org/0000-0002-7824-166X>

Christian Kerkering

Rotdornweg 15  
D-48282 Emsdetten, Germany  
christiankerkering@gmx.de

Miroslav Kliča

Nad kaplickou 16  
CZ-1000 Praha 10, Czech Republic  
miroslav.klicha@seznam.cz

**Abstract.** *Therates tuberosus* Fleutiaux, 1893 and *Calochroa octogramma octogramma* (Chaudoir, 1852) (Coleoptera: Cicindelidae) are **newly recorded** for Vietnam. Ten additional species are reported to have new provincial records in Vietnam.

**Key words.** Vietnam, faunistic, new records.

**ZooBank registration.** urn:lsid:zoobank.org:pub:53ADD674-7C16-40E7-ADF2-D9766125867C

## Introduction

Since the last comprehensive overview of the tiger beetle fauna of Vietnam (Wiesner et al. 2017), 16 additional scientific articles have been published that include 14 newly described species from Vietnam, five new country records for Vietnam, and eight taxonomic changes to Vietnamese species, as listed below:

### Recently described taxa

1. *Therates lamdongensis* Wiesner and Anichtchenko 2018: 217.
2. *Naviauxella fedorenkoi* Matalin 2019: 17.
3. *Naviauxella pseudolabiosa* Matalin 2019: 20.
4. *Neocollyris (Isocollyris) sharovae* Matalin 2021: 390.
5. *Neocollyris (Neocollyris) trichocephala* Anichtchenko and Wiesner 2022: 68.
6. *Neocollyris (Neocollyris) hirsuta* Anichtchenko and Wiesner 2022: 70.
7. *Neocollyris (Stenocollyris) fedorenkoi* Matalin 2022a: 119.
8. *Neocollyris (Isocollyris) ornata* Matalin 2022b: 3.
9. *Therates fruhstorferi australis* Matalin and Wiesner 2023: 406.
10. *Therates caobangensis* Wiesner 2023: 19.
11. *Therates osaoi* Wiesner and Lien 2023: 82.
12. *Therates miyagawai* Wiesner and Lien 2023: 83.
13. *Cosmodela horii* Wiesner and Lien 2023: 89.
14. *Pseudoverticina horii* Wiesner and Lien 2023: 91.

### New records for Vietnam

1. *Cylindera (Eriodera) albopunctata* (Chaudoir, 1852) by Matalin 2020: 17.
2. *Tricondyla wiesneri* Naviaux, 2002 by Wiesner 2022: 191.
3. *Therates pseudoconfluens* Sawada and Wiesner, 1999 by Wiesner 2022: 191.
4. *Neocollyris (Leptocollyris) restricta* Naviaux, 2008 by Matalin and Fedorenko 2024: 7.
5. *Pronysa ingridae* Sawada and Wiesner, 1999 by Matalin and Fedorenko 2024: 10.

### Changes in taxonomy

1. *Sophiodela* Nakane, 1955 elevated to generic status by Fukuda et al. 2019: 282.
2. *Heptodonta ferrarii* Gestro, 1893 synonymized into *Heptodonta pulchella* (Hope, 1831) by Görn 2020: 48.
3. *Cosmodela duponti* (Dejean, 1826) revised by Klichá and Wiesner 2021: 2.
4. *Therates vitalisi vitalisi* Horn, 1913 revised by Matalin and Wiesner 2023: 410.
5. *Cosmodela separata* (Fleutiaux, 1893) revised by Wiesner and Lien 2023: 89.
6. *Pseudoverticina* Cassola, 2011 elevated to generic status by Wiesner and Lien 2023: 91.
7. *Pseudoverticina antennalis* (Cassola, 2011) revised by Wiesner and Lien 2023: 93.
8. *Pseudoverticina antoni* (Cassola and Probst, 1996) revised by Wiesner and Lien 2023: 91.

Recently, the co-authors received material from the Vietnamese collector Vao Dang that include new records for several Vietnamese provinces as well as two new records for the country. The table from Wiesner et al. (2017) is herein updated with details of these findings as well as the additions from the 16 papers mentioned above.

## Materials and Methods

Specimens mentioned here are deposited in:

- CKGC** Collection of Christian Kerkering, Emsdetten, Germany.  
**JWGC** Collection of Jürgen Wiesner, Meine, Germany.  
**MKCC** Collection of Miroslav Klichá, Praha, Czech Republic.

## New Records

### *Tricondyla (Tricondyla) pulchripes* White, 1844

**Records.** NORTH CENTRAL COAST: Nghe An, Hoang Mai town env., leg. V. Dang, vi. 2023, 1 male (CKGC).

**Remarks.** New record for Nghe An province.

### *Tricondyla (Tricondyla) stricticeps* Chaudoir, 1864

**Records.** CENTRAL HIGHLANDS: Lam Dong, Lang Bian, leg. Dembicky & Pacholatko, v./vi. 1964, 1 female (JWGC).

**Remarks.** New record for Lam Dong province.

### *Tricondyla (Tricondyla) gestroi gestroi* Fleutiaux, 1893

**Records.** CENTRAL HIGHLANDS: Kon Tum, Ngoc Linh Mts., Annamite Range, 2000 m, leg. V. Dang, vi. 2023, 1 female (CKGC).

**Remarks.** New record for Kon Tum province.

### *Neocollyris (Neocollyris) pseudosignata* (Horn, 1902)

**Records.** NORTHEAST: Cao Bang, Vin Den vic., Nui Pia Oac Nat. Reserve, N22°33'53" E105°52'53", 900-1300 m, leg. R. Gerstmeier, 6-10. v. 2013, 1 female (JWGC).

**Remarks.** New record for Cao Bang province.

***Neocollyris (Pachycollyris) fasciata* (Chaudoir, 1864)**

**Records.** NORTHEAST: Cao Bang, vic. Vin Den, Nui Pia Oac Nat. Res. 22°33'53"N, 105°52'53"E, 900-1300m, leg. A. Skale, 6.-10. v. 2013, 1 female (JWGC).

**Remarks.** New record for Cao Bang province.

***Therates tonkinensis* Horn, 1902**

**Records.** NORTHEAST: Yen Bai, Thac Ba Lake surroundings, leg. V. Dang, viii. 2023, 1 female (CKGC).

**Remarks.** New record for Yen Bai province.

***Therates haucki* Moravec and Wiesner, 2001**

**Records.** NORTHEAST: Yen Bai, Thac Ba Lake surroundings, leg. V. Dang, viii. 2023, 1 female (CKGC).

**Remarks.** New record for Yen Bai province.

***Therates tuberosus* Fleutiaux, 1893, new country record**

(Fig. 1)

**Records.** NORTHEAST: Yen Bai, Thac Ba Lake surroundings, leg. V. Dang, viii. 2023, 1 male (CKGC).

**Distribution.** Laos (Luangnamtha), Vietnam (Yen Bai).

**Remarks.** New records for Vietnam and for Yen Bai province.

***Therates rugosoangustatus* Horn, 1929**

**Records.** NORTHEAST: Ha Giang, Ha Giang town env., Song Lo Riv. leg. V. Dang, v. 2022, 1 male (CKGC).

**Remarks.** New record for Ha Giang province.

***Therates vitalisi vitalisi* Horn, 1913**

**Records.** CENTRAL HIGHLANDS: Kon Tum, Ngoc Linh Mts., Annamite Range, 2000 m, leg. V. Dang, vi. 2023, 1 male, 1 female (CKGC).

**Remarks.** New record for Kon Tum province.

***Calochroa octogramma octogramma* (Chaudoir, 1852), new country record**

(Fig. 2)

**Records.** NORTHEAST: Ha Giang, Ha Giang town env., Song Lo Riv., leg. V. Dang, v. 2022, 1 male (CKGC); Ha Giang, Ha Giang env. 1500 m, 29. Vii. 2022, 3 males (MKCC).

**Distribution.** Nepal (Bagmati, Madhesh, Koshi), India (Assam, Bihar, Himachal Pradesh, Jharkhand, Uttarakhand, West Bengal), Myanmar (?province), Vietnam (Ha Giang), China (Yunnan).

**Remarks.** New records for Vietnam and Ha Giang province.

***Cylindera (Ifasina) kaleea kaleea* (Bates, 1866)**

**Records.** NORTHEAST: Ha Giang, Ha Giang town env., Song Lo Riv., leg. V. Dang, v. 2022, 1 female (CKGC); NORTH CENTRAL COAST: Nghe An, Hoang Mai town env., leg. V. Dang, v. 2023, 1 male (CKGC).

**Remarks.** New record for Ha Giang and Nghe An provinces.



**Figure 1.** Habitus of *Therates tuberosus* Fleutiaux, 1893. Scale = 5 mm.



Figure 2. Habitus of *Calochroa octogramma octogramma* (Chaudoir, 1852). Scale = 5 mm.

## Discussion

Since the last comprehensive summary of the tiger beetle fauna of Vietnam (Wiesner et al. 2017), intensive research efforts by international institutions and private collectors have significantly increased our understanding of the tiger beetle fauna of this country.

The number of tiger beetle species known from Vietnam (Fig. 3–10) increased by 14 to 191 species, and the number of endemic species increased by 13 to 72 species. The number of tiger beetle species known from each region of Vietnam are as follows, in order of species richness:

Northeast: 112 (increase of seven species)  
 Central Highlands: 78 (increase of eight species)  
 Red River Delta: 60 (no change)  
 North Central Coast: 60 (increase of seven species)  
 Southeast: 53 (no change)  
 Northwest: 49 (increase of four species)  
 South Central Coast: 13 (increase of nine species)  
 Mekong Delta: 4 (decrease of one species).

The increase in reported species from the South Central Coast region is the most significant and perhaps indicates this region is under explored and more species are likely here.

The number of tiger beetle species endemic to Vietnam and occurring within each region of Vietnam are as follows: Northeast 30 (15.7% of total Vietnamese tiger beetle species richness), Central Highlands 24 (12.6%), Red River Delta 18 (9.4%), North Central Coast 14 (7.3%), Southeast 11 (5.8%), Northwest 8 (4.2%), South Central Coast 6 (3.1%), Mekong Delta 0. Among the genera, *Neocollyris* Horn, 1901 with 34 (17.8%) species and *Therates* Latreille, 1816 with 21 species (11.0%) exhibit the highest proportion of endemics.

## Acknowledgments

We are indebted to David L. Pearson, Tempe, Arizona, and Andrey Matalin, Moscow, for reviewing the manuscript, and to Peter Schüle, Herrenberg for the photo of *C. octogramma*.

## Literature Cited

- Anichtchenko A, Wiesner J. 2022.** Description of two new *Neocollyris* W. Horn, 1901 species from Vietnam (Coleoptera: Cicindelidae). *Baltic Journal of Coleopterology* 22(1): 67–73.
- Fukuda Y, Ogawa R, Hori M. 2019.** The reclassification of *Sophiodela* and other tiger beetles (Coleoptera, Cicindelidae) based on the structure of the everted internal sac of the male genitalia. *Zootaxa* 4661(2): 271–308.
- Görn S. 2020.** Revision of the Oriental tiger beetle genus *Heptodonta* Hope, 1838 (Coleoptera: Cicindelidae). *Zootaxa* 4875(1): 1–62.
- Klichka M, Wiesner J. 2021.** Taxonomic revision of *Cosmodela duponti* (Dejean), *Cosmodela barmanica* (Gestro), new status, and *Cosmodela indica* (Fleutiaux), new status (Coleoptera: Cicindelidae). *Insecta Mundi* 0879: 1–9.
- Matalin AV. 2019.** Two new species of the genus *Naviauxella* Cassola, 1988 (Coleoptera: Cicindelidae) from Central Vietnam. *Russian Entomological Journal* 28(1): 17–22.
- Matalin AV. 2020.** Additions to the fauna of tiger beetles of Vietnam (Coleoptera, Carabidae: Cicindelinae). *Far East Entomologist* 415: 9–20.
- Matalin AV. 2021.** A new species of the genus *Neocollyris* W. Horn, 1901, subgenus *Isocollyris* Naviaux, 1994, from southern Vietnam (Coleoptera: Cicindelidae). *Russian Entomological Journal* 30(4): 390–392.
- Matalin AV. 2022a.** A new species of the genus *Neocollyris* W. Horn, 1901, subgenus *Stenocollyris* Naviaux, 1994, from southern Vietnam (Coleoptera: Cicindelidae). *Russian Entomological Journal* 31(2): 118–123.
- Matalin AV. 2022b.** *Neocollyris (Isocollyris) ornata* n. sp., a new species of the tiger beetles (Coleoptera: Cicindelidae) from Vietnam. *Far Eastern Entomologist* 460: 1–19.
- Matalin AV, Fedorenko DN. 2024.** New additions to the fauna of tiger beetles (Coleoptera: Cicindelidae) of Vietnam. *Far Eastern Entomologist* 497: 6–14.





Regions and Provinces of Vietnam	Province?	Nr.	Species				
			25	50			
	endemic	26	<i>Neocollyris (Isocollyris) convergens</i> (W. Hom, 1923)				
	*	27	<i>Neocollyris (Isocollyris) sharowae</i> Matulin, 2021				
	*	28	<i>Neocollyris (Isocollyris) ornata</i> Matulin, 2022				
	*	29	<i>Neocollyris (Isocollyris) apiciflora</i> Dheurle, 2017				
		30	<i>Neocollyris (Isocollyris) auripennis</i> (W. Hom, 1902)				
	*	31	<i>Neocollyris (Isocollyris) erichsonnii</i> Naviaux & Schüle, 2008				
	*	32	<i>Neocollyris (Isocollyris) moravici</i> Naviaux, 2004				
	*	33	<i>Neocollyris (Isocollyris) modica</i> Naviaux, 1994				
	*	34	<i>Neocollyris (Paracollyris) brevipromotalis</i> (W. Hom, 1929)				
	*	35	<i>Neocollyris (Neocollyris) trichoccephala</i> Anichtchenko and Wiesner, 2022				
	*	36	<i>Neocollyris (Neocollyris) hirsuta</i> Anichtchenko and Wiesner, 2022				
		37	<i>Neocollyris (Neocollyris) bonafii bonafii</i> (Guérin-Méneville, 1834)				
		38	<i>Neocollyris (Neocollyris) moesta moesta</i> (Schmidt-Göebel, 1846)				
		39	<i>Neocollyris (Neocollyris) moesta fusca</i> Naviaux, 1994				
		40	<i>Neocollyris (Neocollyris) cruentata</i> (Schmidt-Göebel, 1846)				
		41	<i>Neocollyris (Neocollyris) stengensis</i> (W. Hom, 1914)				
		42	<i>Neocollyris (Neocollyris) impressifrons</i> (Chaudoir, 1864)				
		43	<i>Neocollyris (Neocollyris) orichalcina orichalcina</i> (W. Hom, 1896)				
		44	<i>Neocollyris (Neocollyris) intermedia</i> Naviaux, 1994				
		45	<i>Neocollyris (Neocollyris) fuscitarsis</i> (Schmidt-Göebel, 1846)				
		46	<i>Neocollyris (Neocollyris) pseudosignata</i> (W. Hom, 1902)				
	*	47	<i>Neocollyris (Neocollyris) compacta</i> Naviaux, 1994				
	*	48	<i>Neocollyris (Neocollyris) deuvei</i> Naviaux, 1991				
		49	<i>Neocollyris (Neocollyris) similis</i> (Lsme, 1891)				
		50	<i>Neocollyris (Neocollyris) ruffipalpis</i> (Chaudoir, 1864)				
Regions and Provinces of Vietnam	Province?	Nr.	Species				
			25	50			
			Northwest	1	Lai Chau		
				2	Dien Bien		
				3	Son La		
				4	Hoa Binh		
				5	Lao Cai	X	
				6	Yen Bai		
				7	Phu Tho		
				8	Ha Giang		
				9	Tuyen Quang		
				10	Cao Bang		
				11	Bac Kan		
				12	Thai Nguyen		
				13	Lang Son		
				14	Bac Giang		
				15	Quang Ninh		
				16	Vinh Phuc	X	X
				17	Ha Noi City		
				18	Ha Nam		
				19	Ninh Binh		
				20	Nam Dinh		
				21	Hung Yen		
				22	Thai Binh		
				23	Bac Ninh		
				24	Hai Duong		
				25	Hai Phong City		
				26	Thanh Hoa		
				27	Nghe An		
				28	Ha Tinh		
				29	Quang Binh		
				30	Quang Tri		
				31	Thua Thien-Hue		
				32	Da Nang City		
				33	Quang Nam		
				34	Quang Ngai		
				35	Binh Dinh		
				36	Phu Yen		
				37	Khanh Hoa		
				38	Kon Tum	X	
				39	Gia Lai	X	
				40	Dak Lak		
				41	Dak Nong		
				42	Lam Dong	X	
				43	Binh Phuoc	X	
				44	Binh Duong		
				45	Tay Ninh		
				46	Ninh Thuan		
				47	Binh Thuan		
				48	Dong Nai		
				49	Ba Ria-Vung Tau		
				50	Ho Chi Minh City		
				51	Long An		
				52	Dong Thap		
				53	An Giang		
				54	Kien Giang		
				55	Tien Giang		
				56	Ben Tre		
				57	Vinh Long		
				58	Tra Vinh		
				59	Can Tho City		
				60	Hau Giang		
				61	Soc Trang		
	62	Bac Lieu					
	63	Ca Mau					
	China		X	X			
	Laos		X	X			
	Cambodia		X	X			

Figure 4. Table (adopted and updated from Wiesner et al. 2017: 95–100) of the provincial records of the tiger beetles of Vietnam, species 25 to 50.

Regions and Provinces of Vietnam		Nr.	species	endemic
Regions and Provinces of Vietnam	Northwest	1	Lai Chau	
		2	Dien Bien	
		3	Son La	
	Northeast	4	Hoa Binh	X
		5	Lao Cai	X
		6	Yen Bai	X
		7	Phu Tho	X
		8	Ha Giang	X
		9	Tuyen Quang	X
		10	Cao Bang	X
		11	Bac Kan	
		12	Thai Nguyen	X
		13	Lang Son	
	Red River Delta	14	Bac Giang	
		15	Quang Ninh	X
		16	Vinh Phuc	X
		17	Ha Noi City	X
		18	Ha Nam	X
		19	Ninh Binh	X
		20	Nam Dinh	
		21	Hung Yen	
		22	Thai Binh	
		23	Bac Ninh	
		24	Hai Duong	
		25	Hai Phong City	
		26	Thanh Hoa	X
		27	Nghe An	X
		28	Ha Tinh	X
	North Central Coast	29	Quang Binh	X
		30	Quang Tri	
		31	Thua Thien-Hue	X
		32	Da Nang City	
		33	Quang Nam	X
		34	Quang Ngai	
		35	Binh Dinh	
		36	Phu Yen	
		37	Khanh Hoa	
		38	Kon Tum	X
	South Central Coast	39	Gia Lai	X
		40	Dak Lak	
		41	Dak Nong	
		42	Lam Dong	X
		43	Binh Phuoc	X
		44	Binh Duong	
		45	Tay Ninh	
		46	Ninh Thuan	
		47	Binh Thuan	
		48	Dong Nai	X
	Central Highlands	49	Ba Ria-Vung Tau	X
		50	Ho Chi Minh City	X
		51	Long An	
		52	Dong Thap	
		53	An Giang	
		54	Kien Giang	
		55	Tien Giang	
		56	Ben Tre	
		57	Vinh Long	
		58	Tra Vinh	
	Southeast	59	Can Tho City	
		60	Hau Giang	
		61	Soc Trang	
		62	Bac Lieu	
		63	Ca Mau	
Mekong Delta		51	China	X
		52	Laos	X
		53	Cambodia	X
		54		X
		55		X

Figure 5. Table (adopted and updated from Wiesner et al. 2017: 95–100) of the provincial records of the tiger beetles of Vietnam, species 51 to 75.





Regions and Provinces of Vietnam		Nr.	Species
Northwest		126	<i>Prothyma (Paraprothyma) exornata</i> Schmidt-Göebel, 1846
Northwest		127	<i>Prothyma (Paraprothyma) schmidtgoebeli</i> Hom, 1895
Northwest		128	<i>Prothyma (Genoprothyma) heteromalta</i> (Macleay, 1825)
Northwest		129	<i>Prothyma (Genoprothyma) bowrieri</i> bouvieri Hom, 1896
Northwest		130	* <i>Prothyma (Genoprothyma) unnamica</i> Deave, 2002
Northwest		131	<i>Prothyma (Genoprothyma) fallaciosa</i> fallaciosa Rivalier, 1964
Northwest		132	<i>Hepidonia eugenia</i> Chandroir, 1865
Northwest		133	<i>Hepidonia pulchella</i> (Hope, 1831)
Northwest		134	<i>Pronyssa nodicollis</i> Bates, 1874
Northwest		135	<i>Pronyssa ingridae</i> Sawada and Wiesner, 1999
Northwest		136	<i>Calochroa flavomaculata</i> flavomaculata (Hope, 1831)
Northwest		137	<i>Calochroa elegantula</i> (Dobthouff, 1882)
Northwest		138	<i>Calochroa pseudosiamensis</i> (Hom, 1913)
Northwest		139	<i>Calochroa interruptofasciata</i> interruptofasciata (Schmidt-Göebel, 1846)
Northwest		140	<i>Calochroa interruptofasciata flavolineata</i> (Chandroir, 1865)
Northwest		141	<i>Calochroa harmandi</i> (Feutiaux, 1893)
Northwest		142	<i>Calochroa bramani</i> (Dobthouff, 1882)
Northwest		143	<i>Calochroa octogramma octogramma</i> (Chandroir, 1852)
Northwest		144	<i>Sophiodela chinensis chinensis</i> (Geer, 1774)
Northwest		145	<i>Calomera brevipilosa brevipilosa</i> (Hom, 1908)
Northwest		146	<i>Calomera angulata angulata</i> (Fabricius, 1798)
Northwest		147	<i>Calomera plumigera scotigrapha</i> (Rivalier, 1953)
Northwest		148	<i>Calomera funerea funerea</i> (Macleay, 1825)
Northwest		149	* <i>Calomera funerea genetica</i> (Hom, 1926)
Northwest		150	<i>Cosmodeta dupontii</i> (Dejean, 1826)
North Central Coast		1	endemic Province?
North Central Coast		2	Lai Chau
North Central Coast		3	Dien Bien
North Central Coast		4	Son La
North Central Coast		5	Hoa Binh
North Central Coast		6	Lao Cai
North Central Coast		7	Yen Bai
North Central Coast		8	Phu Tho
North Central Coast		9	Ha Giang
North Central Coast		10	Tuyen Quang
North Central Coast		11	Cao Bang
North Central Coast		12	Bac Kan
North Central Coast		13	Thai Nguyen
North Central Coast		14	Lang Son
North Central Coast		15	Bac Giang
North Central Coast		16	Quang Ninh
North Central Coast		17	Vinh Phuc
North Central Coast		18	Ha Noi City
North Central Coast		19	Ha Nam
North Central Coast		20	Ninh Binh
North Central Coast		21	Nam Dinh
North Central Coast		22	Hung Yen
North Central Coast		23	Thai Binh
North Central Coast		24	Bac Ninh
North Central Coast		25	Hai Duong
North Central Coast		26	Hai Phong City
North Central Coast		27	Thanh Hoa
North Central Coast		28	Nghe An
North Central Coast		29	Ha Tinh
North Central Coast		30	Quang Binh
North Central Coast		31	Quang Tri
North Central Coast		32	Thua Thien-Hue
South Central Coast		33	Da Nang City
South Central Coast		34	Quang Nam
South Central Coast		35	Quang Ngai
South Central Coast		36	Binh Dinh
South Central Coast		37	Phu Yen
South Central Coast		38	Khanh Hoa
South Central Coast		39	Kon Tum
South Central Coast		40	Gia Lai
South Central Coast		41	Dak Lak
South Central Coast		42	Dak Nong
South Central Coast		43	Lam Dong
South Central Coast		44	Binh Phuoc
South Central Coast		45	Binh Duong
South Central Coast		46	Tay Ninh
South Central Coast		47	Ninh Thuan
South Central Coast		48	Binh Thuan
South Central Coast		49	Dong Nai
South Central Coast		50	Ba Ria-Vung Tau
Mekong Delta		51	Ho Chi Minh City
Mekong Delta		52	Long An
Mekong Delta		53	Dong Thap
Mekong Delta		54	An Giang
Mekong Delta		55	Kien Giang
Mekong Delta		56	Tien Giang
Mekong Delta		57	Ben Tre
Mekong Delta		58	Vinh Long
Mekong Delta		59	Tra Vinh
Mekong Delta		60	Can Tho City
Mekong Delta		61	Hau Giang
Mekong Delta		62	Soc Trang
Mekong Delta		63	Bac Lieu
Mekong Delta		64	Ca Mau
China		X	X
Laos		X X X X	X X X X X X X X X X X X
Cambodia		X X X X	X X X X X X X X X X X X

Figure 8. Table (adopted and updated from Wiesner et al. 2017: 95–100) of the provincial records of the tiger beetles of Vietnam, species 126 to 150.







- Matalin AV, Wiesner J. 2023.** Revision of the *Therates fruhstorferi* complex (Coleoptera, Cicindelidae). *Zootaxa* 5256(5): 401–433.
- Wiesner J. 2022.** New tiger beetle records for states and provinces of Cambodia and Vietnam (Coleoptera, Cicindelidae). *Lambillionea* 122(4): 190–192.
- Wiesner J. 2023.** A new species of *Therates* Latreille, 1817 (Coleoptera: Cicindelidae), and new records of further tiger beetle species from Vietnam. *Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen* 75: 18–24.
- Wiesner J, Anichtchenko A. 2018.** *Therates lamdongensis* sp. nov., a new tiger beetle species from Vietnam (Coleoptera: Cicindelidae). *Entomologische Zeitschrift* 128(4): 217–218.
- Wiesner J, Bandinelli A, Matalin AV. 2017.** Notes on the tiger beetles (Coleoptera: Carabidae: Cicindelinae) of Vietnam. 135. Contribution towards the knowledge of Cicindelinae. *Insecta Mundi* 0589: 1–131.
- Wiesner J, Lien VV. 2023.** Tiger beetles collected in Vietnam by Prof. Dr. Michio Hori (Coleoptera: Cicindelidae). *Onychium* 16(3): 81–99.

**Received May 12, 2024; accepted June 21, 2024.**

**Review editor David Plotkin.**

