

(pp. 117-125) are added. The latter provide a tab. of Bedfordshire Dragonfly sites with more than 15 spp., a graph of relative abundance of spp., breeding maps of common spp., etc. – This is an outstanding regional work.

(15565) CHANDRA, K., 2004. Insect biodiversity in Madhya Pradesh and Chhattisgarh. In: R.K. Gupta, [Ed.], *Advancements in insect biodiversity*, pp. 37-52, Agrobios, Jodhpur, ISBN 81-7754-208-7. – (Cent. Reg. Stn, Zool. Surv. India, 424 New Adarsh Colony, Jabalpur-482002, Madhya Pradesh, India).

82 odon. spp. of 9 fam. are currently known from the 2 states, India. A list and bibliographic references are not provided.

(15566) CORBET, P.S., [1962, reprint 1983] 2004. *A biology of dragonflies*. Acrobat web version.

This classical work (for description see OA 4297) is now freely available in Acrobat (Adobe Reader) version on the web and can be downloaded from: www.jcu.edu.au/school/tbiol/zoology/auxillry/odonata/corbet.htm

(15567) DARTER. Newsletter of Dragonfly Recording Network (ISSN none), No. 21 (Apr. 2004). – (c/o Ms C. Daguët, English Nature, Attingham Park, Shrewsbury, SY4 4TW, UK).

Cham, S.: Updates from the DRN National Co-ordinator (pp. 1-2); – *Moore, N.*: The early days of dragonfly recording (p. 3); – *Parr, A.*: Migrant dragonflies in the 21st century (pp. 4-5); – *Smith, B.*: Report from Scotland (pp. 5-6); – *Batty, P.*: Addendum to Scottish report: dragonflies in Argyll (p. 6); – *Clarke, D.*: 'Southern' dragonflies make headway in Cumbria in 2003 (pp. 6-7); – *Merrill, I.*: News from the Leicestershire and Rutland Dragonfly Group (pp. 7-8); – *Chadd, R. & A. Hiley*: news from Lincolnshire (p. 8); – *Kitching, D.*: News from Cheshire (pp. 8-9); – *Averill, M.*: News from Worcestershire (p. 9); – *Reeve, K. & P. Reeve*: Recent changes in dragonfly distribution in Warwickshire (pp. 10-11); – *Taylor, P.*: News from Norfolk (pp. 12-13); – *Donnithorne, N.*: News from the Southeast (pp. 13-15); – *Brook, J. & G. Brook*: Addendum to the Southeast report: history of *Libellula fulva* in Kent (p. 15); – *Smallshire, D.*: News from Devon (pp. 15-16); – *Jones, S.*: News from Cornwall (pp. 16-17); – *News in brief* (p. 18; various authors); – *Vice-county recorders, regional co-ordinators and re-*

corde details (pp. 19-20).

(15568) [DEGENAAR, J. & S. Vliegenthart, [Eds]], 2004. *Zeldzame libellen in Zeeland gesignaleerd*, – Rare dragonflies noticed in Zeeland, The Netherlands]. *Agrión NJN* 49(2): 6-7. (Dutch). – (P.O. Box 9955, NL-1243 ZS 's-Graveland).

Lestes virens, *Aeshna affinis* and *Sympetrum pedemontanum* are brought on record (2004) from Zeeland prov.

(15569) DYATLOVA, E.S., 2004. Polimorfizm okrasok i vozrastnaya struktura populacii *Ischnura elegans* (v.d.Linden, 1823) (Insecta: Odonata). – [Colour polymorphism and age structure in *Ischnura elegans* populations]. *Prirodnychi nauky na mezhi stolyt'*, p. 33, Nishin St. Pedag. Univ., Nizhin. (Russ.). – (Frantsuzkij bul'var 38, kv. 3, UKR-65044 Odessa).

The ♀ polymorphism in *I. elegans* was studied in the Odessa prov., SW Ukraine. The population strength (number of individuals), sex structure, ratio between andro- and gynomorphic ♀♀, and the age-conditioned colour change were assessed. During the peak of the adult season, andromorphic ♀♀ dominated in 2 populations. In late summer, with the numbers of adults decreasing, f. "infuscans" prevailed. Despite thousands of individuals examined in various populations, the "rufescens-obsoleta" morph was not encountered in SW Ukraine during the 2003 season.

(15570) DYATLOVA, E.S. & V.F. MIKITYUK, 2004.

Analiz razmernih karakteristik i anomalij zhilkovaniya kryl'ev dunayskoj populacii strekoc *Calopteryx splendens* Harr. – [Analyses of the size and venation abnormalities in the Danubian population of *Calopteryx splendens* (Harr.)]. *Fauna, voprosy ekologii, morfologii i evolyucii amfibioticheskih i vodnyh nasekomyh Rossii*, pp. 34-40, Voronezh St. Univ., Voronezh. (Russ.). – (First Author: Frantsuzkij bul'var 37, kv. 3., UKR-65044 Odessa).

C. splendens population from the lower Danube R. (Ismail city, Odessa prov., SW Ukraine) was analysed for the correlations between the fore- and hindwing size and the frequency in the occurrence of venational abnormalities. The results are compared with some other populations. The average wing length and width are in the Danube population significantly larger than in the series from the Velichka and Elan'-Kadada rivers in the Volga Basin

and in the Suvernnya and Serdoba rivers in the Don Basin, but smaller than in those from the Yasmenka R. (Volga R. Basin). In all populations, the frequency of venational abnormalities in the coastal (C-1) area was higher than in the subcoastal (Sc-1), but in the Danube population the abnormality percent was the lowest.

biologiques e conséquences taxonomiques (Anisoptera: Libellulidae). *Annls Soc. ent. Fr.* (N.S.) 40(2): 177-184. (With Engl. s.). – (40 rue de Benfeld, F-67100 Strasbourg).

The final instar larvae of the 2 spp. are described and illustrated for the first time. *M. pumila* greatly differs from the known congeneric larvae. Its position in the genus is discussed. *B. praedatrix* is easily recognised from the known congeners through its prominently developed and acute dorsal hooks on abdominal segments 2-9. It seems to be associated with *Mourera fluviatilis*, a plant of rapid streams.

- (15571) DYATLOVA, O.[sic!]S., 2004. Struktura polimorfnoi populjacji *Ischnura elegans* (v.d.Linden, 1823) (Insecta: Odonata) z ponizyza Hadzhibeys'kogo limanu. – [Structure of the polymorphous *Ischnura elegans* population from the lower part of the Hadzhibeyski estuary]. *Suchasni problemy zoologichnoi nauky*, pp. 52-54, Kiev Natn. Univ., Kiev. (Ukr). – (Frantsuzkij bul'var 37, kv. 3, UKR-65044 Odessa).

The locality is situated in the Odessa prov., SW Ukraine. Based on literature, the main hypotheses explaining the coexistence of different morphs in a population are outlined. Considering the higher fecundity of androchromous ♀♀, it is assumed the reproduction peak occurs in early summer.

- (15574) FLECK, G., J. DE MARMELS & D. GRAND, 2004. La larve de *Tholymis citrina* Hagen 1867 (Odonata, Anisoptera, Libellulidae). *Bull. Soc. ent. Fr.* 109(5): 455-457. (With Engl. s.). – (First Author: 40 rue de Benfeld, F-67100 Strasbourg). The last instar larva is described and illustrated. The differences with *T. tillarga* are listed, and a generic diagnosis is proposed.

- (15572) FALCHETTI, E. & S. CARAVITA, [Eds], 2004. *A scuola di animali: pensieri a confronto per un nuovo rapporto*. Franco Muzio, Roma. 252 pp. Paperback (14.0×21.0 cm). ISBN 88-7413-020-1. Price: € 15.-- net. – (Publishers: Via Riccardo Grazioli Lante 5, I-0195 Roma).

A symposium, "Immagini dell'animale tra culture scientifiche, media a società urbanizzata", has taken place in 2002 at the Museo Civico di Zoologia, Rome, Italy. The present book is one of its results. It is a collection of papers on the man-animal relationships, contributed by 33 authors, and organised under 4 section headings, viz. "Sguardi e prospettive in alcune culture quotidiane", "Attraverso visioni scientifiche", "Dalle immagini al rapporto", and "Imparare con gli animali, imparare sugli animali". 2 papers are authored by odonatologists, and contain some passing references to the Odon., mostly of autobiographic nature, viz.: *Falchetti, E.*: Quale insegnamento sugli animali? Certezze e dubbi di una zoologa (pp. 91-101); and *Utzeri, C.*: Preistoria di uno zoologo (pp. 127-138).

- (15575) GAO, X.-T., Y. LIU, C. WANG, L. ZHAO, D.-S. GUO & D.-Z. LIU, 2004. Ecological distribution of damselflies in Beijing area. *Ent. Knowledge* 41(5): 426-430. (Chin., with Engl. s.). – (Lab. Biodiv. Sci. & Ecol. Engineering, Inst. Ecol., Beijing Normal Univ., Beijing-100875, PRC).

10 sp. from ecologically different localities are dealt with and their habitat requirements are outlined. In the Beijing area (China), *Paracercion calamorum* and *Ischnura asiatica* are dominant, while *Calopteryx atrata* and *Matrona basilaris* solely occur in the northern region, with rapidly flowing streams. *Mnais mnome*, *M. earnshawi* and *Copera annulata* are restricted to the hilly areas.

- (15576) GEISTER, I., 2004. *Sečovljevske soline. – Sečovlje saltpans*. Kmečki glas, Ljubljana. 152 pp. Hardcover (21.3×26.5 cm). ISBN 961-203-274-2. Price: SIT 5500.-- net. (Bilingual: Slovene/Engl.). – (Author: Kocjančiči 16, SI-6276 Pobjegi).

An ethno-historical monograph, including chapters on the vegetation and fauna; – *Sečovlje*, Istria, Slovenia. Various odon. spp. are mentioned, *Sympetrum fonscolombi* breeds also in brackish water in the saltpans area.

- (15573) FLECK, G., 2004. Contribution à la connaissance des odonates de Guyane française. Les larves de *Macrothemis pumila* Karsch, 1889 et de *Brechmorrhoga praedatrix* Calvert, 1909. Notes

- (15577) GEWECKE, M. & A. ODENDAHL, 2004. Der Bewegungsapparat der Antennen des Grossen Blaupfeils *Orthetrum cancellatum* (Odonata: Libel-